

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080552.D
 Acq On : 20 Dec 2023 17:18
 Operator : JC\MD
 Sample : VN1220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:45:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	262616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	405187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	183629	54.746	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	8.165	113	146069	56.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.720%			
50) Toluene-d8	10.571	98	525664	54.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.720%			
62) 4-Bromofluorobenzene	12.847	95	192968	53.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62739	18.694	ug/l	97
3) Chloromethane	2.365	50	53968	15.086	ug/l	92
4) Vinyl Chloride	2.518	62	47253	16.487	ug/l	96
5) Bromomethane	2.959	94	23355	18.074	ug/l	97
6) Chloroethane	3.124	64	30888	16.772	ug/l	99
7) Trichlorofluoromethane	3.495	101	105489	18.147	ug/l	94
8) Diethyl Ether	3.959	74	32878	17.956	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	51994	18.871	ug/l	97
10) Methyl Iodide	4.583	142	35035	14.456	ug/l	96
11) Tert butyl alcohol	5.518	59	39726	100.564	ug/l	98
12) 1,1-Dichloroethene	4.342	96	48983	17.350	ug/l	89
13) Acrolein	4.177	56	50136	115.890	ug/l	98
14) Allyl chloride	5.018	41	60759	17.395	ug/l	97
15) Acrylonitrile	5.712	53	118479	106.146	ug/l	96
16) Acetone	4.418	43	86208	144.951	ug/l	97
17) Carbon Disulfide	4.712	76	127937	15.990	ug/l	97
18) Methyl Acetate	5.018	43	90902	23.754	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	187524	19.909	ug/l	99
20) Methylene Chloride	5.277	84	59189	18.596	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	55669	18.185	ug/l	89
22) Diisopropyl ether	6.671	45	149864	19.879	ug/l	97
23) Vinyl Acetate	6.606	43	402938	93.060	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	100584	19.123	ug/l	98
25) 2-Butanone	7.482	43	136780	119.384	ug/l	92
26) 2,2-Dichloropropane	7.488	77	96961	18.028	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	65193	18.814	ug/l	89
28) Bromochloromethane	7.812	49	43194	21.388	ug/l	100
29) Tetrahydrofuran	7.841	42	87469	106.614	ug/l	92
30) Chloroform	7.965	83	120145	20.578	ug/l	89
31) Cyclohexane	8.259	56	76366	16.742	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	111333	19.476	ug/l	95
36) 1,1-Dichloropropene	8.371	75	81267	19.347	ug/l	95
37) Ethyl Acetate	7.559	43	57320	21.791	ug/l	99
38) Carbon Tetrachloride	8.365	117	98812	19.687	ug/l	98
39) Methylcyclohexane	9.600	83	73480	16.839	ug/l	93
40) Benzene	8.606	78	228471	18.836	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33060	21.801	ug/l	92
42) 1,2-Dichloroethane	8.671	62	91842	20.447	ug/l	97
43) Isopropyl Acetate	8.688	43	95599	20.213	ug/l	99
44) Trichloroethene	9.353	130	62011	18.964	ug/l	100
45) 1,2-Dichloropropane	9.624	63	56366	19.785	ug/l	91
46) Dibromomethane	9.712	93	41908	20.484	ug/l	89
47) Bromodichloromethane	9.888	83	90244	20.581	ug/l	99
48) Methyl methacrylate	9.682	41	58246	20.637	ug/l	89
49) 1,4-Dioxane	9.700	88	17177	401.524	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	294851	113.197	ug/l	99
52) Toluene	10.629	92	151902	19.823	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	92745	19.550	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	101163	19.950	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	60862	22.074	ug/l	97
56) Ethyl methacrylate	10.876	69	62360	20.428	ug/l	92
57) 1,3-Dichloropropane	11.165	76	102038	21.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	205179	106.469	ug/l	96
59) 2-Hexanone	11.194	43	215267	111.946	ug/l	97
60) Dibromochloromethane	11.359	129	69099	21.149	ug/l	98
61) 1,2-Dibromoethane	11.470	107	57941	20.304	ug/l	100
64) Tetrachloroethene	11.106	164	52450	18.144	ug/l	96
65) Chlorobenzene	11.894	112	158103	18.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	62257	19.050	ug/l	94
67) Ethyl Benzene	11.965	91	277012	18.088	ug/l	98
68) m/p-Xylenes	12.070	106	210274	37.158	ug/l	91
69) o-Xylene	12.400	106	100738	18.200	ug/l	91
70) Styrene	12.412	104	144983	18.184	ug/l	91
71) Bromoform	12.576	173	43825	18.389	ug/l #	97
73) Isopropylbenzene	12.694	105	262852	18.401	ug/l	98
74) N-amyl acetate	12.494	43	77965	18.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	76902	20.091	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	71804m	20.242	ug/l	
77) Bromobenzene	12.982	156	65617	18.673	ug/l	97
78) n-propylbenzene	13.035	91	290532	18.447	ug/l	99
79) 2-Chlorotoluene	13.123	91	190785	18.555	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	226939	18.447	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	26895	19.906	ug/l	92
82) 4-Chlorotoluene	13.223	91	195029	18.454	ug/l	96
83) tert-Butylbenzene	13.441	119	182185	18.082	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	228015	18.631	ug/l	98
85) sec-Butylbenzene	13.617	105	229119	17.777	ug/l	100
86) p-Isopropyltoluene	13.729	119	211081	18.138	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	110236	17.805	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	113789	18.208	ug/l	97
89) n-Butylbenzene	14.059	91	164945	16.973	ug/l	98
90) Hexachloroethane	14.335	117	32784	17.739	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	108333	18.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15969	19.834	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	57716	17.682	ug/l	97
94) Hexachlorobutadiene	15.500	225	29829	16.052	ug/l	98
95) Naphthalene	15.641	128	180353	18.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	57711	18.322	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

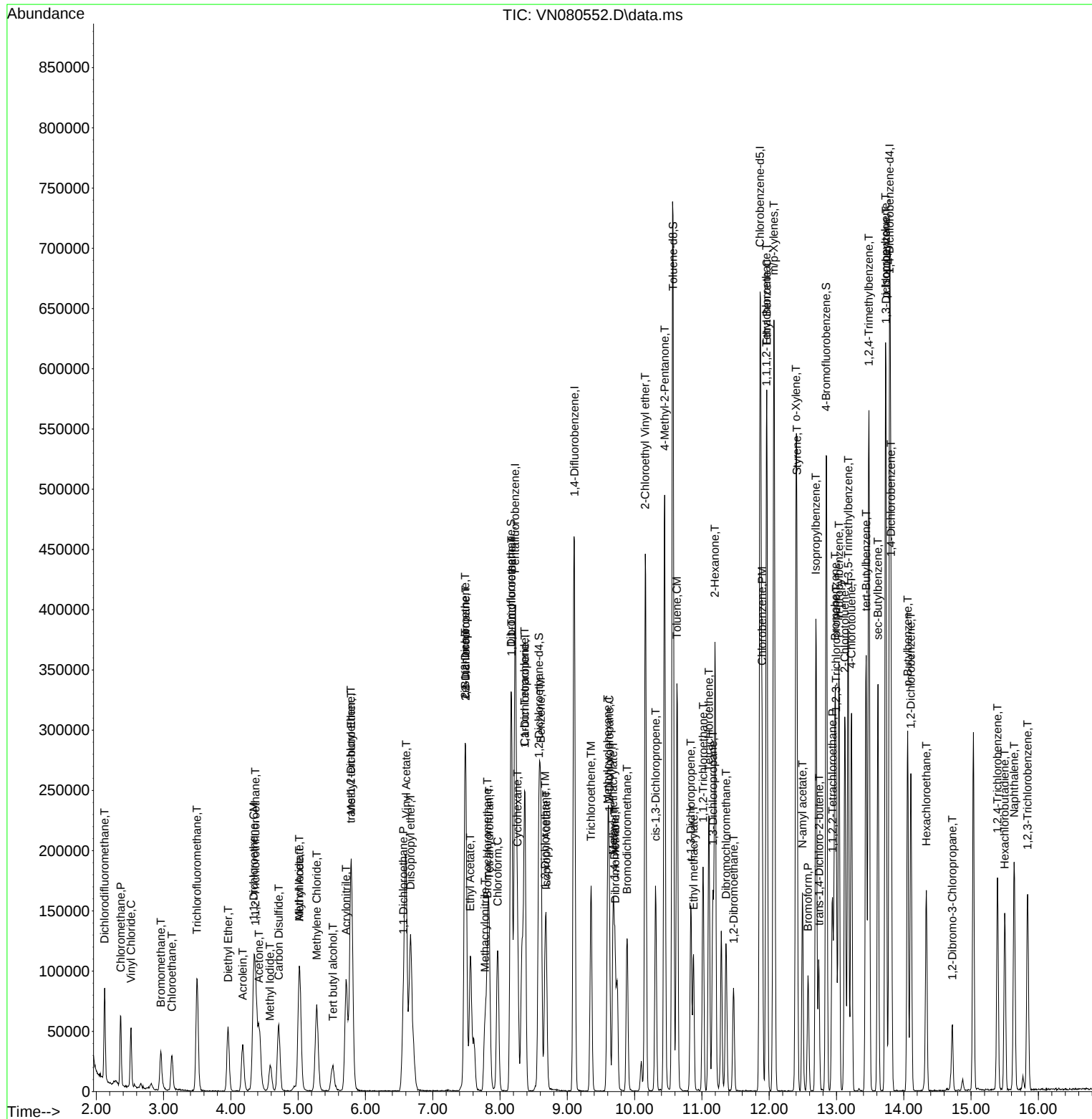
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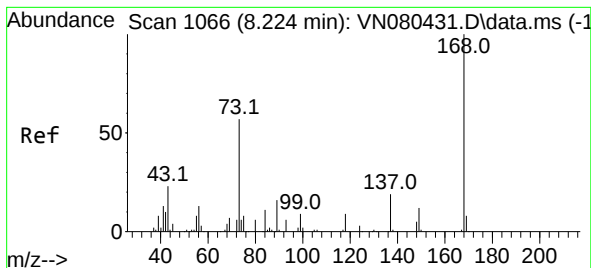
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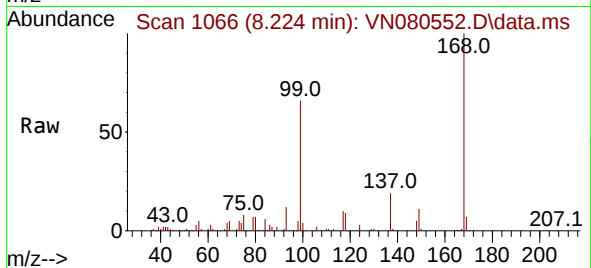
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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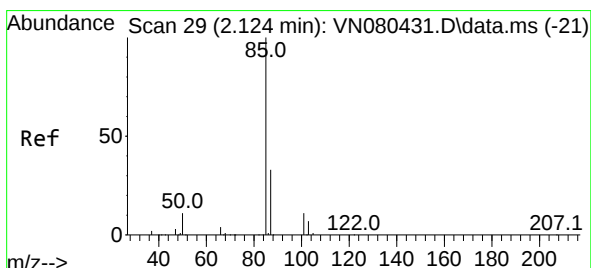
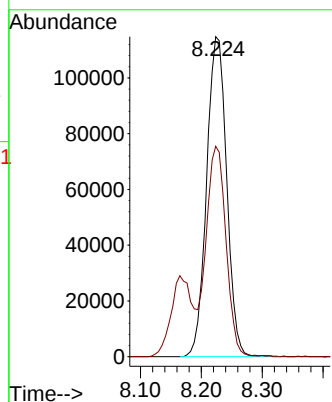
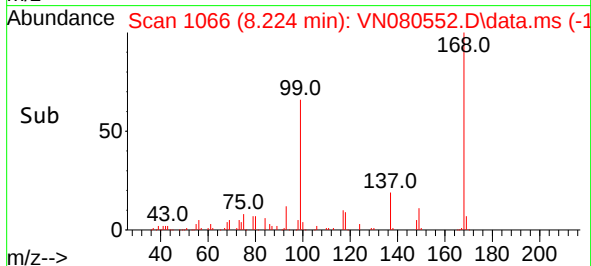
Instrument :
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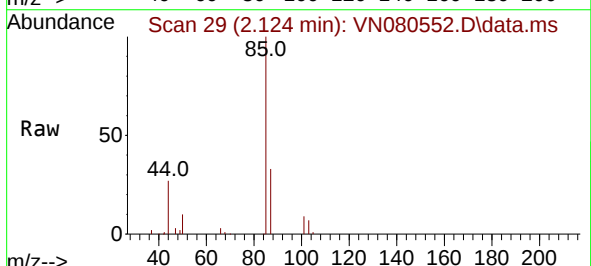
Tgt Ion:168 Resp: 262610
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6

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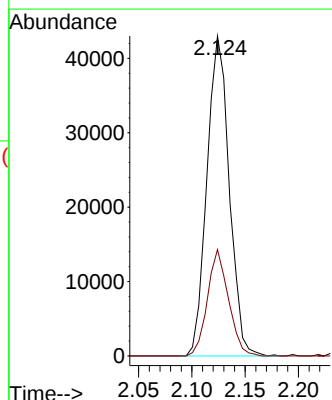
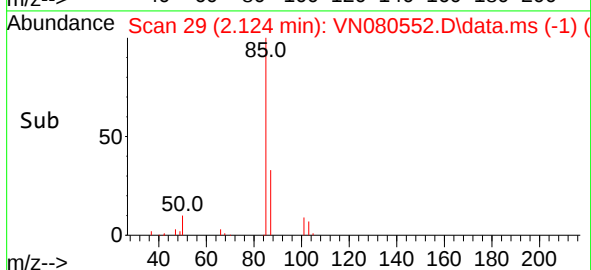
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

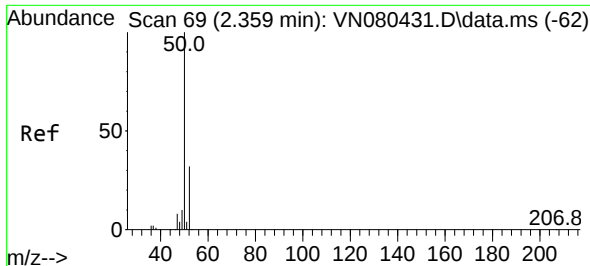


#2
Dichlorodifluoromethane
Concen: 18.694 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



Tgt Ion: 85 Resp: 62739
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





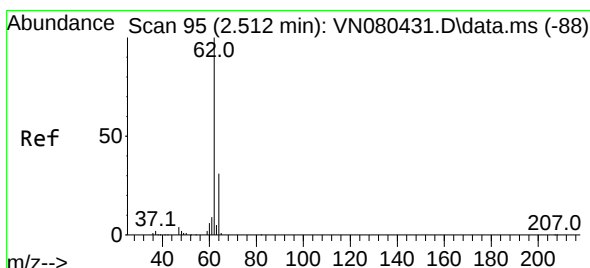
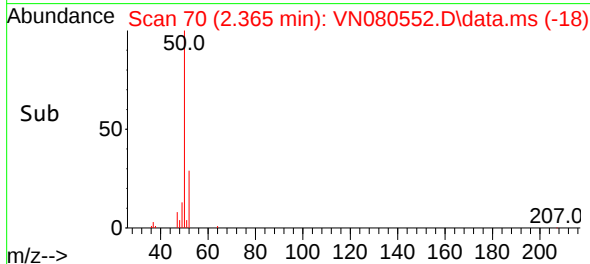
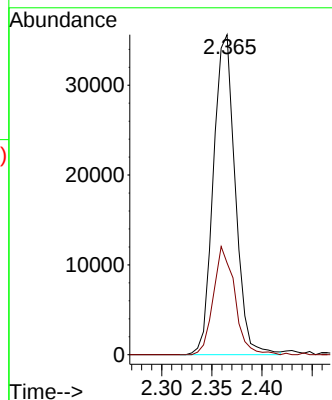
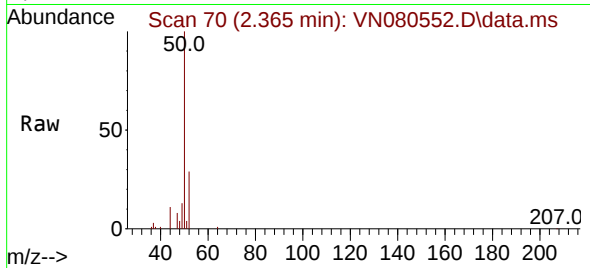
#3
Chloromethane
Concen: 15.086 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

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Tgt Ion: 50 Resp: 5396
Ion Ratio Lower Upper
50 100
52 28.7 26.5 39.7

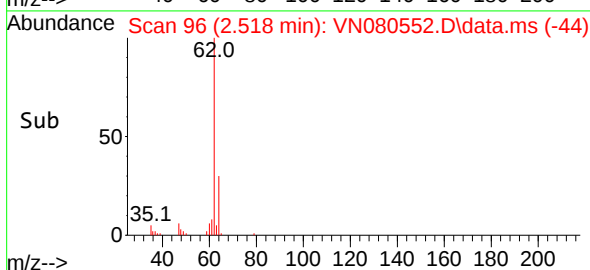
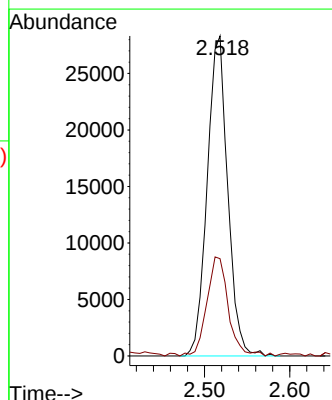
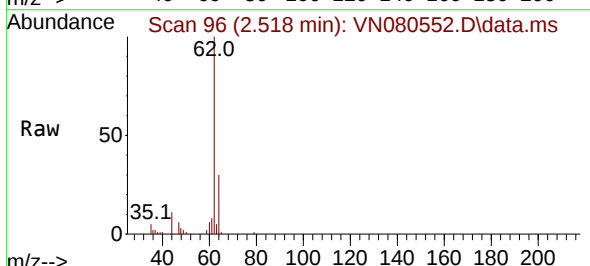
Manual Integrations
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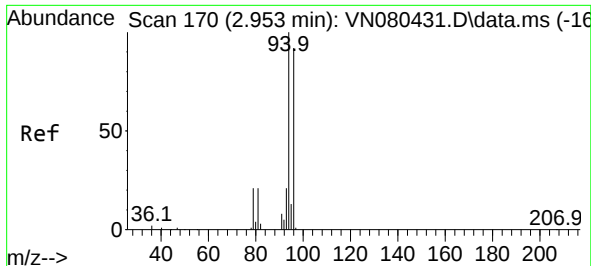
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#4
Vinyl Chloride
Concen: 16.487 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

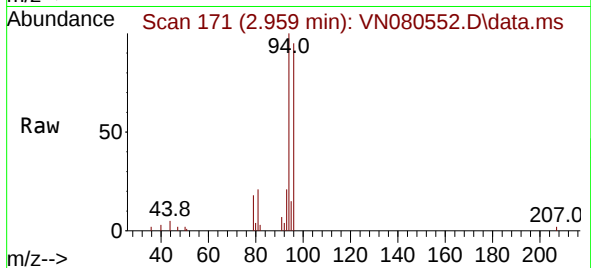
Tgt Ion: 62 Resp: 47253
Ion Ratio Lower Upper
62 100
64 30.4 26.2 39.2





#5
Bromomethane
Concen: 18.074 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080552.D
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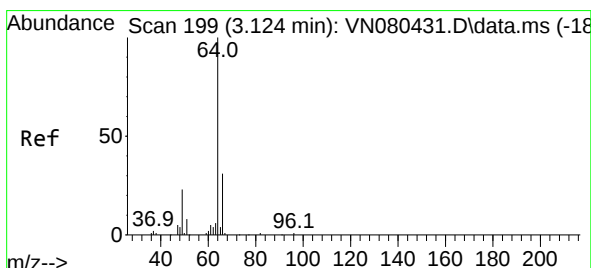
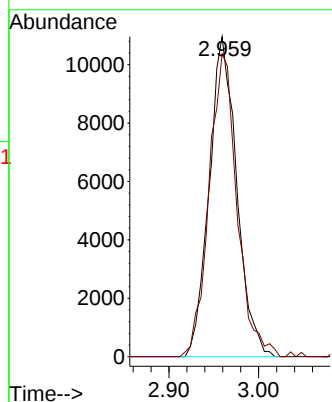
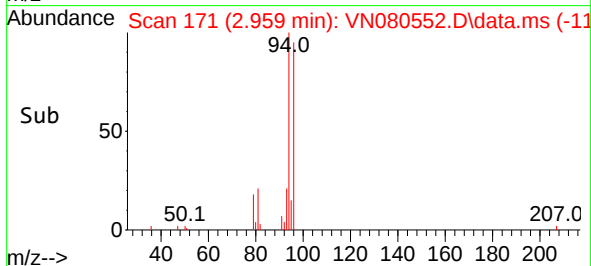
Instrument :
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Tgt Ion: 94 Resp: 2335
Ion Ratio Lower Upper
94 100
96 94.6 73.1 109.7

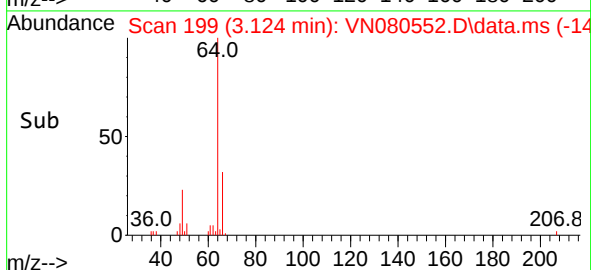
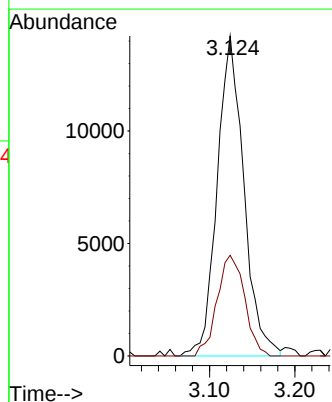
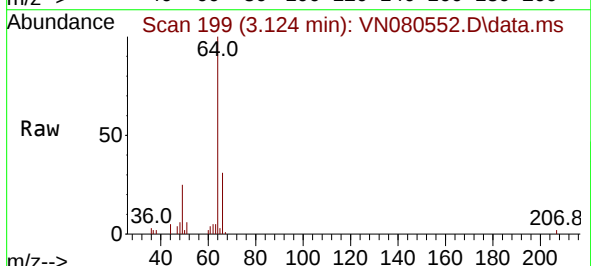
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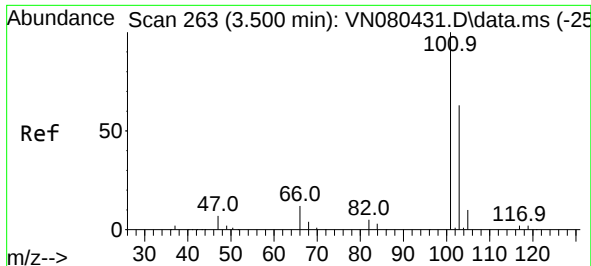
Reviewed By :John Carlone 12/21/2023
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#6
Chloroethane
Concen: 16.772 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 64 Resp: 30888
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2





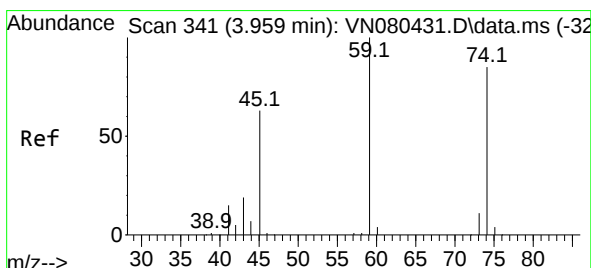
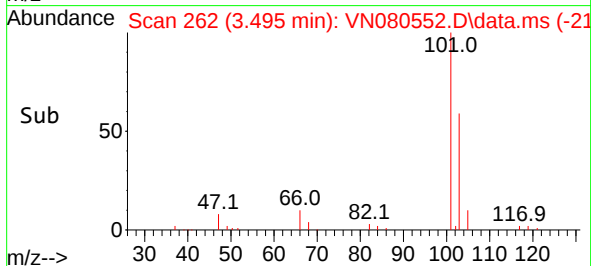
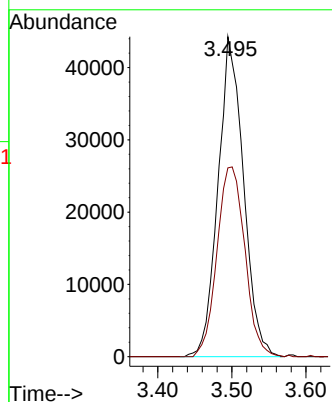
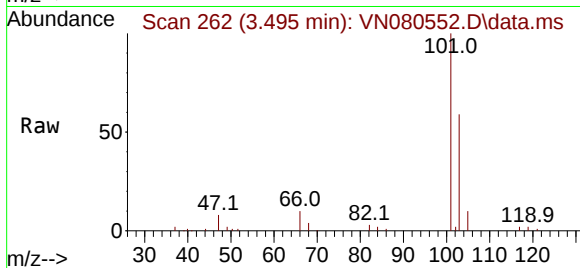
#7
 Trichlorofluoromethane
 Concen: 18.147 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN080552.D
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Tgt Ion:101 Resp: 105489
 Ion Ratio Lower Upper
 101 100
 103 59.0 50.7 76.1

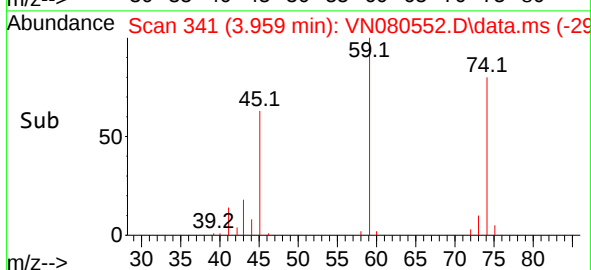
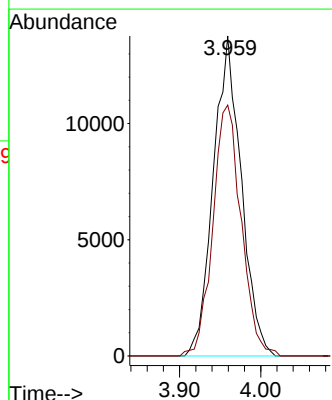
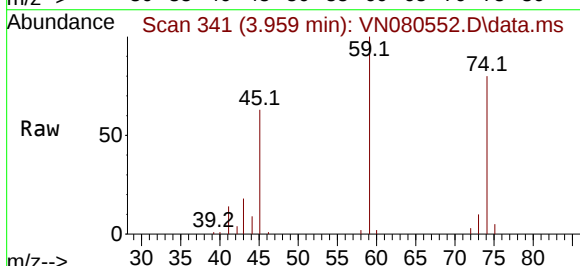
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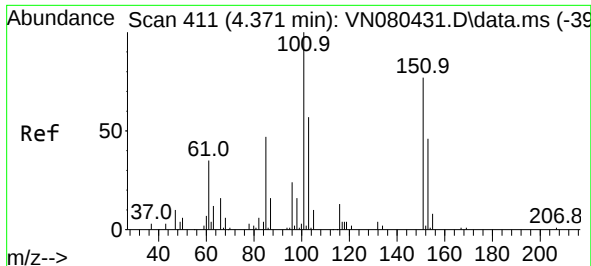
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#8
 Diethyl Ether
 Concen: 17.956 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

Tgt Ion: 74 Resp: 32878
 Ion Ratio Lower Upper
 74 100
 45 79.5 34.4 103.3





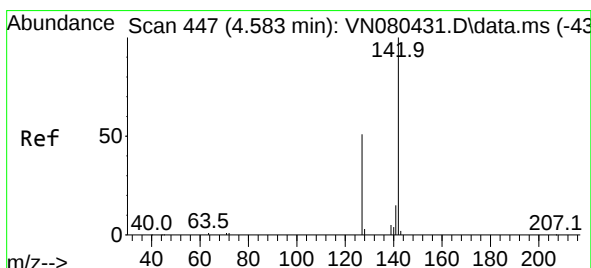
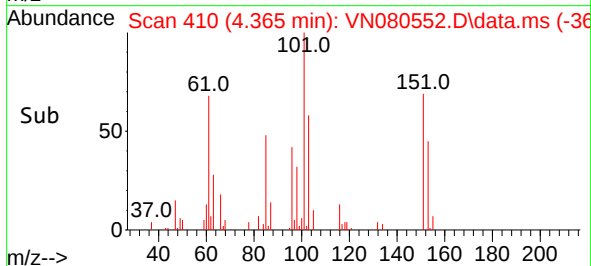
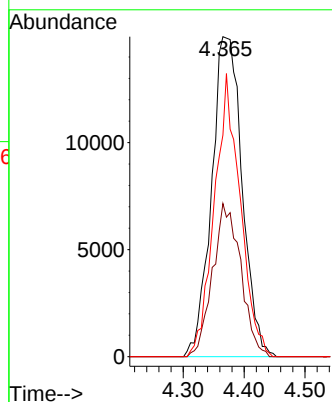
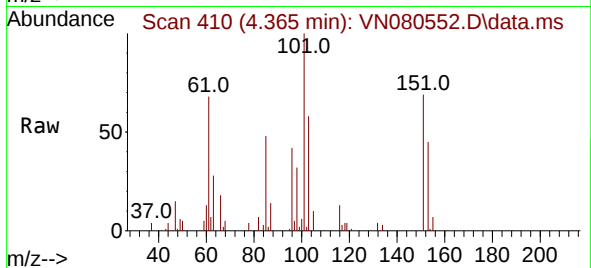
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.871 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01

Tgt Ion:101 Resp: 51994
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 74.7 57.6 86.4

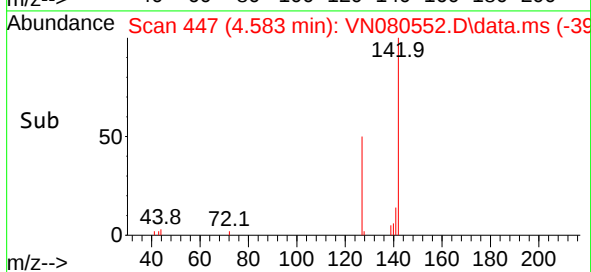
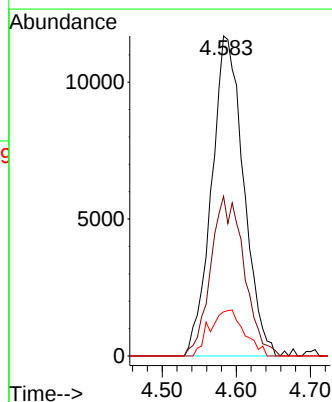
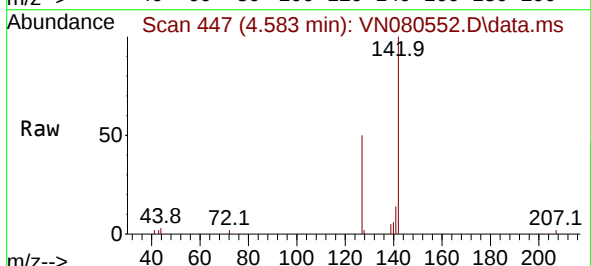
Manual Integrations
APPROVED

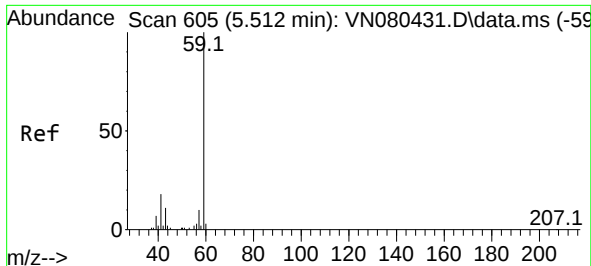
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#10
Methyl Iodide
Concen: 14.456 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

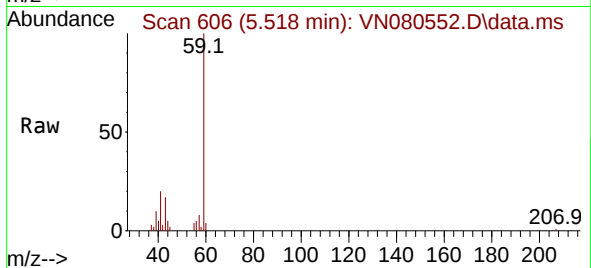
Tgt Ion:142 Resp: 35035
Ion Ratio Lower Upper
142 100
127 49.9 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 100.564 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

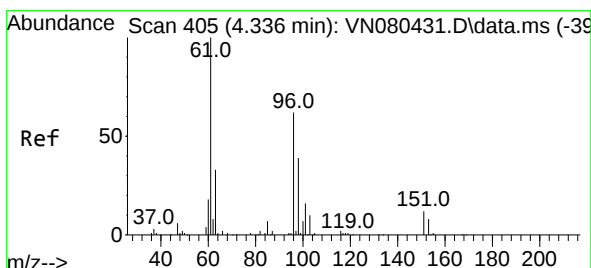
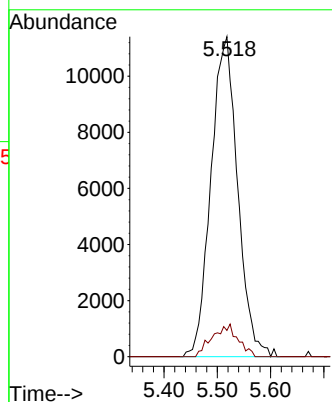
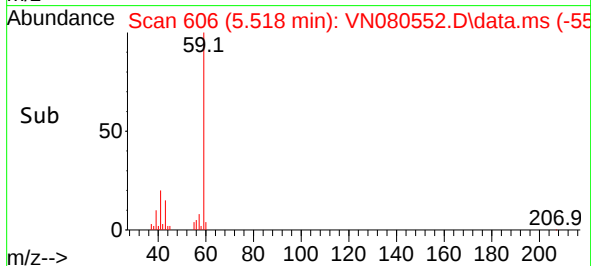
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 59 Resp: 39720
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

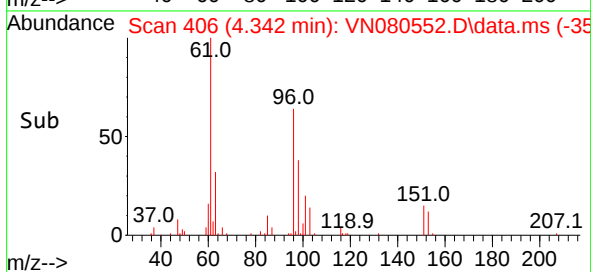
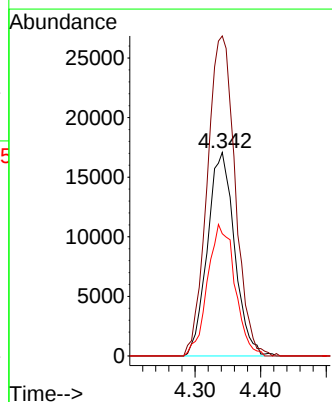
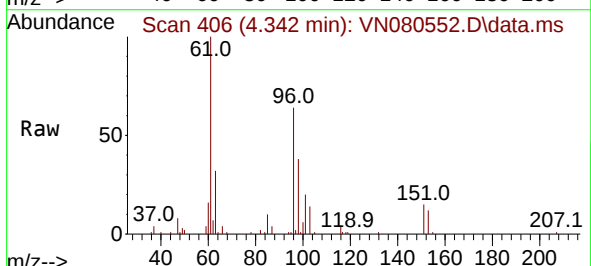
Manual Integrations
APPROVED

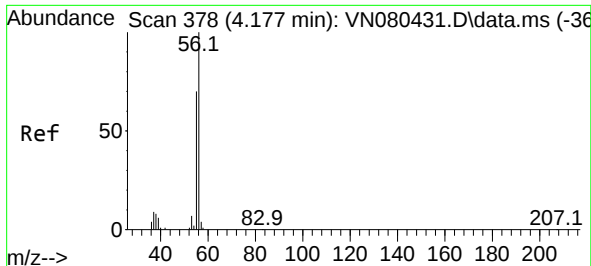
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#12
1,1-Dichloroethene
Concen: 17.350 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

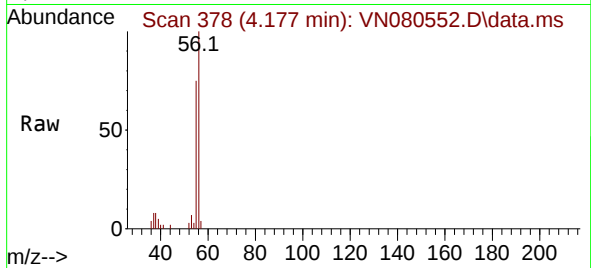
Tgt Ion: 96 Resp: 48983
Ion Ratio Lower Upper
96 100
61 157.3 112.7 169.1
98 60.1 51.2 76.8





#13
Acrolein
Concen: 115.890 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

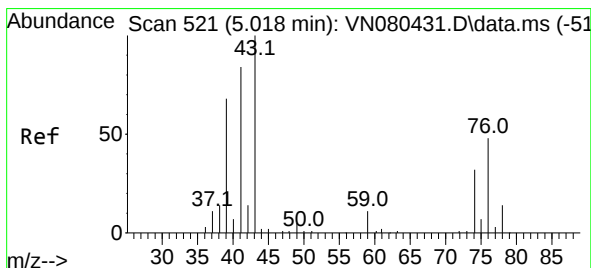
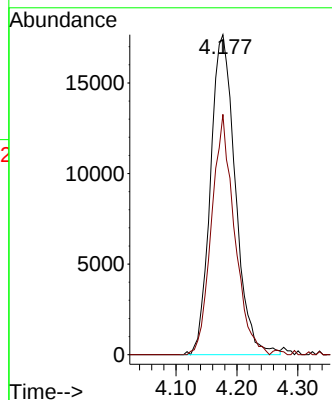
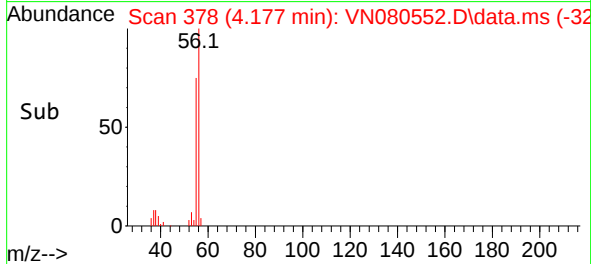
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



Tgt Ion: 56 Resp: 50130
Ion Ratio Lower Upper
56 100
55 69.4 54.5 81.7

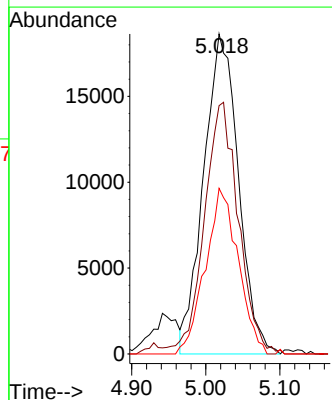
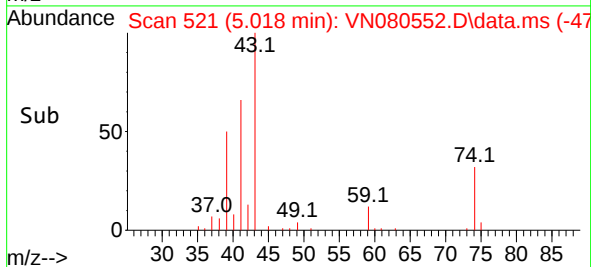
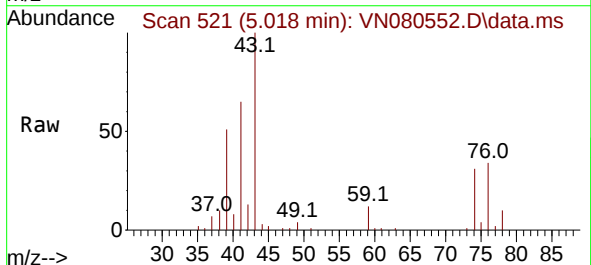
Manual Integrations
APPROVED

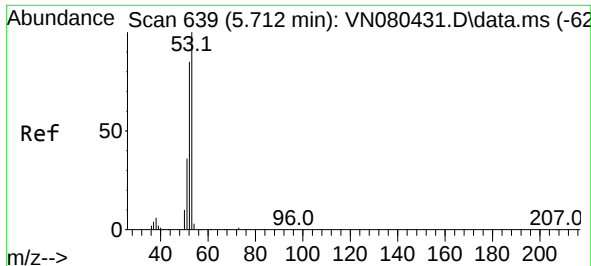
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#14
Allyl chloride
Concen: 17.395 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

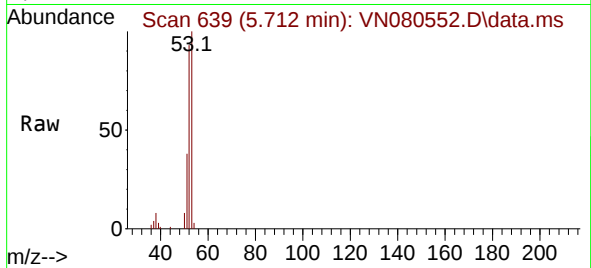
Tgt Ion: 41 Resp: 60759
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 48.9 39.1 58.7





#15
Acrylonitrile
Concen: 106.146 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

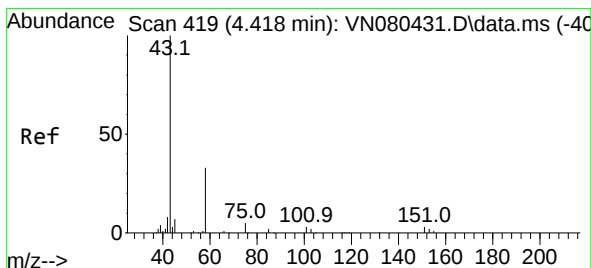
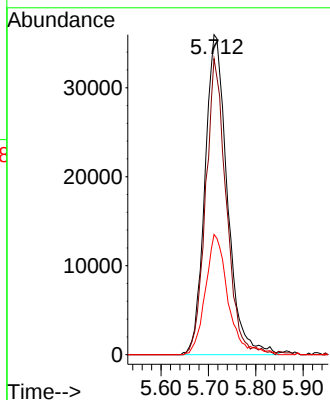
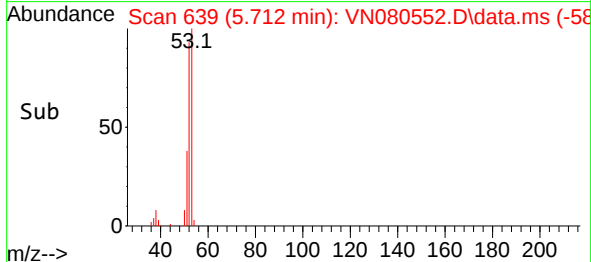
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



Tgt Ion: 53 Resp: 118479
Ion Ratio Lower Upper
53 100
52 85.0 65.3 97.9
51 38.1 28.9 43.3

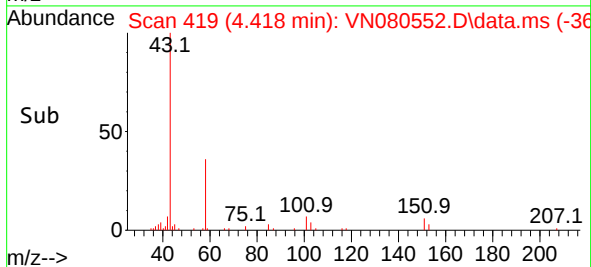
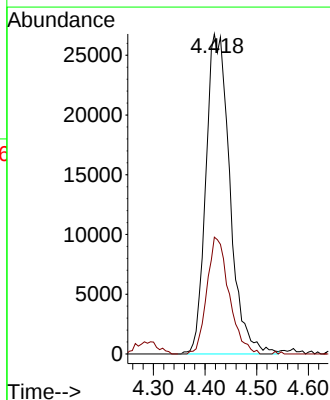
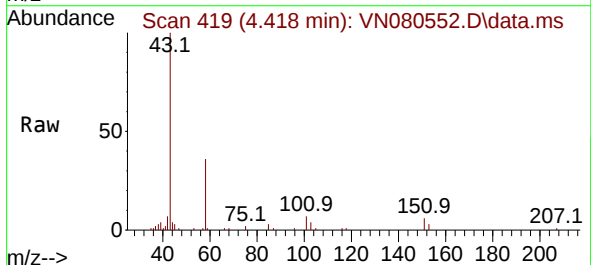
Manual Integrations
APPROVED

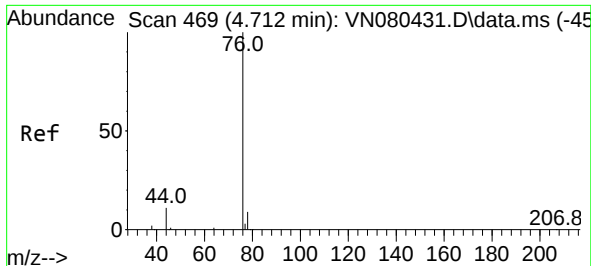
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#16
Acetone
Concen: 144.951 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

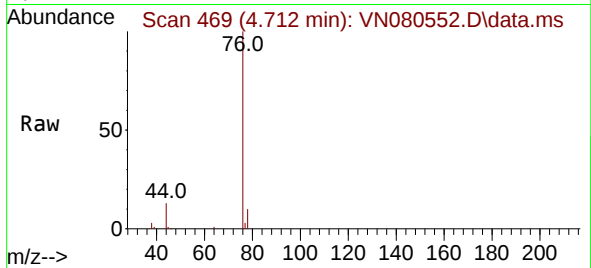
Tgt Ion: 43 Resp: 86208
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0





#17
Carbon Disulfide
Concen: 15.990 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

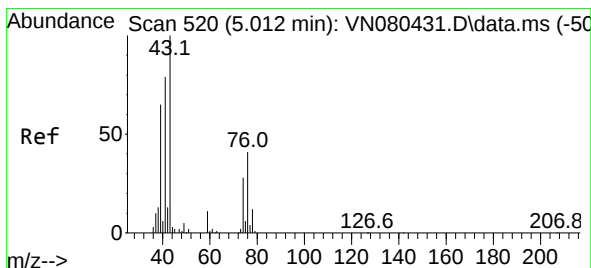
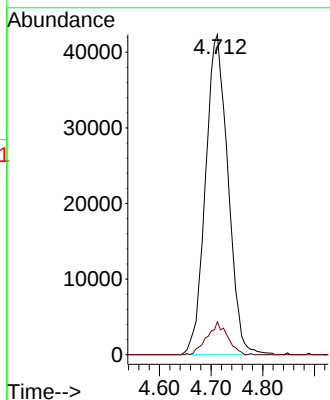
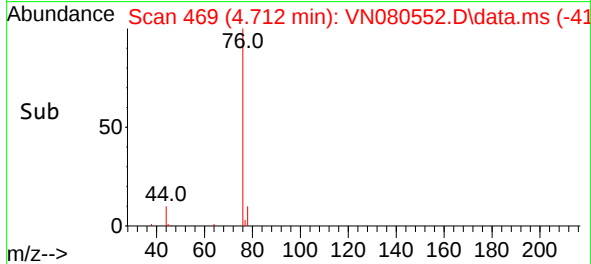
Instrument :
MSVOA_N
Client SampleId :
VN1220MBSD01



Tgt Ion: 76 Resp: 12793
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

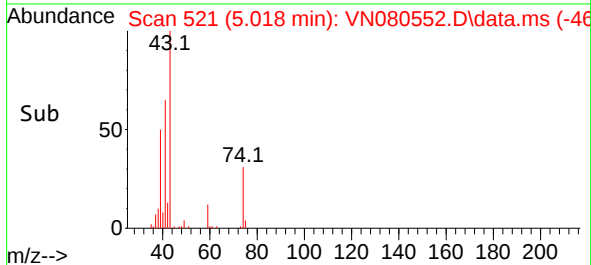
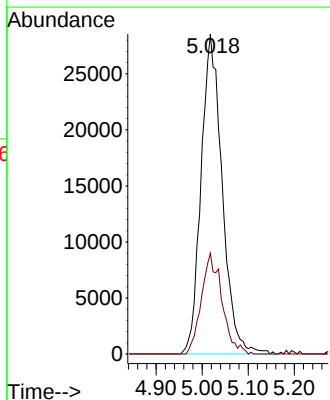
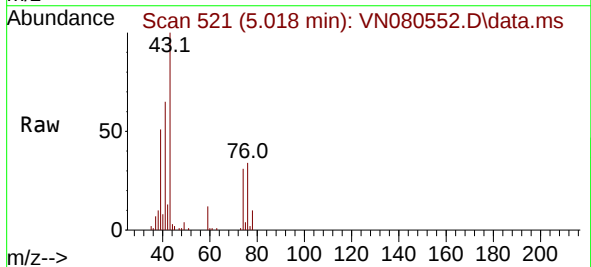
Manual Integrations
APPROVED

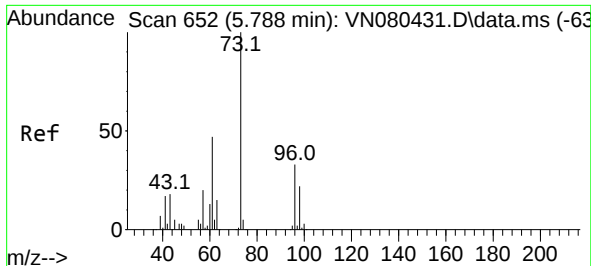
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#18
Methyl Acetate
Concen: 23.754 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 43 Resp: 90902
Ion Ratio Lower Upper
43 100
74 30.7 26.2 39.4





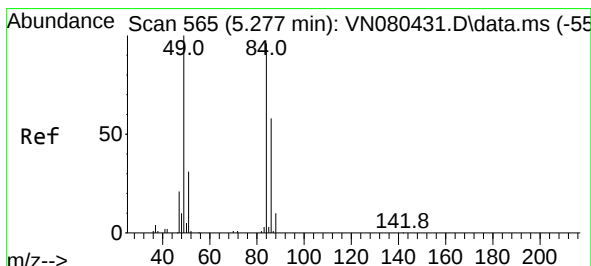
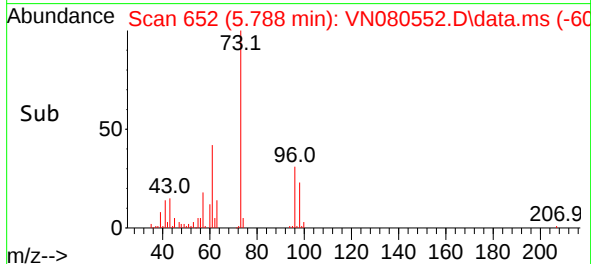
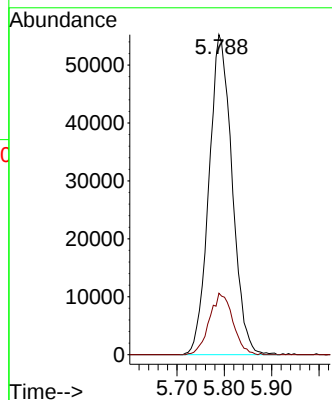
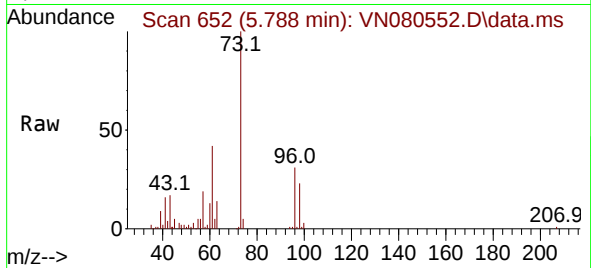
#19
Methyl tert-butyl Ether
Concen: 19.909 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 73 Resp: 187524
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

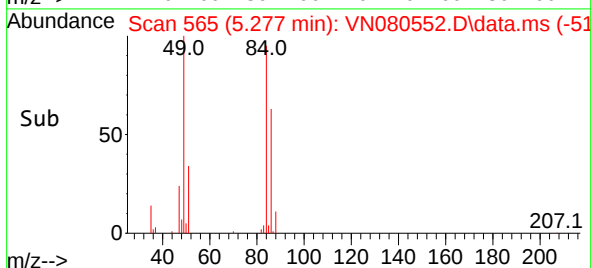
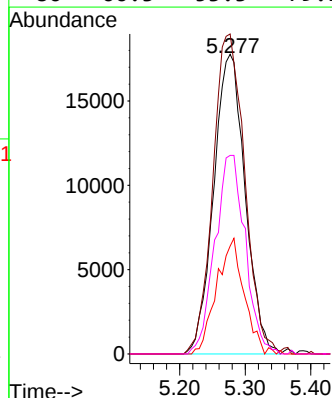
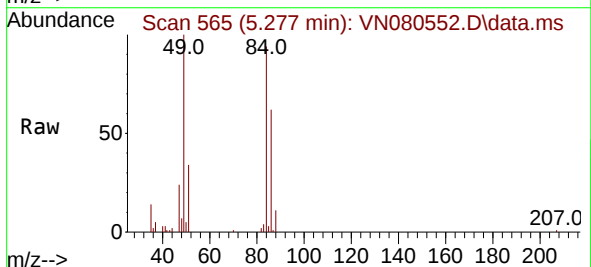
Manual Integrations
APPROVED

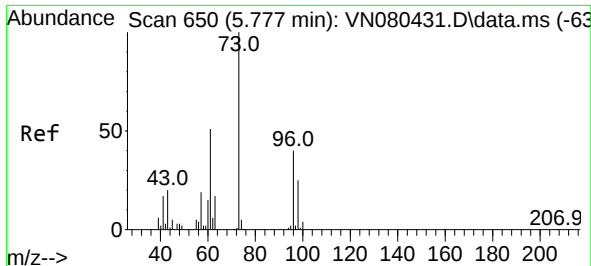
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#20
Methylene Chloride
Concen: 18.596 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 84 Resp: 59189
Ion Ratio Lower Upper
84 100
49 106.8 79.7 119.5
51 36.0 25.2 37.8
86 66.3 53.3 79.9





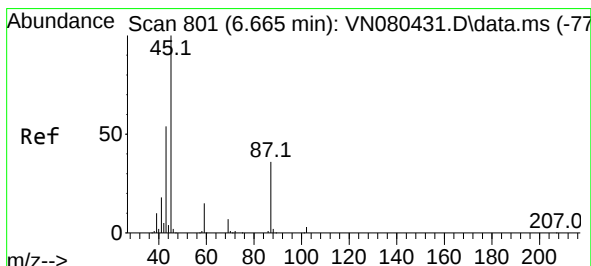
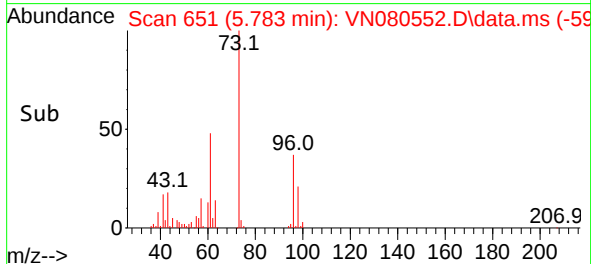
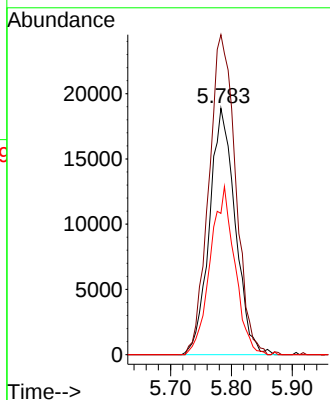
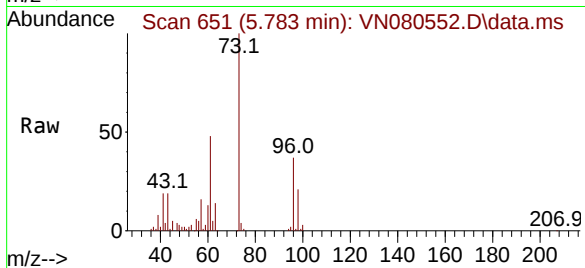
#21
trans-1,2-Dichloroethene
Concen: 18.185 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 96 Resp: 5566
Ion Ratio Lower Upper
96 100
61 129.9 90.1 135.1
98 57.3 46.4 69.6

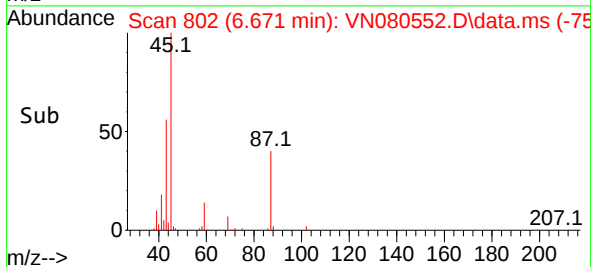
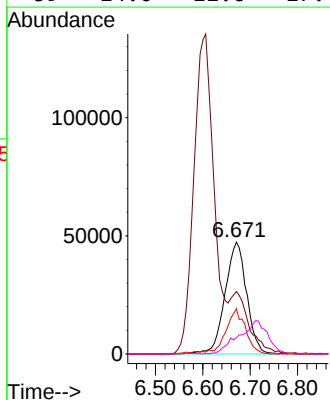
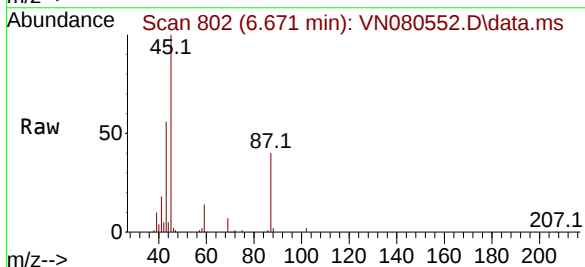
Manual Integrations
APPROVED

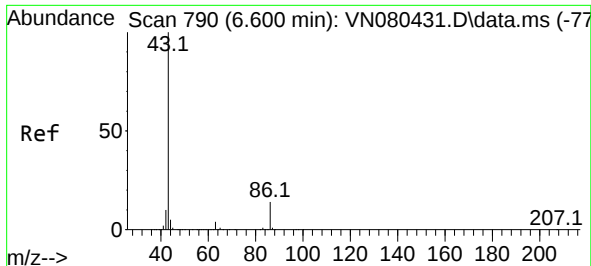
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#22
Diisopropyl ether
Concen: 19.879 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

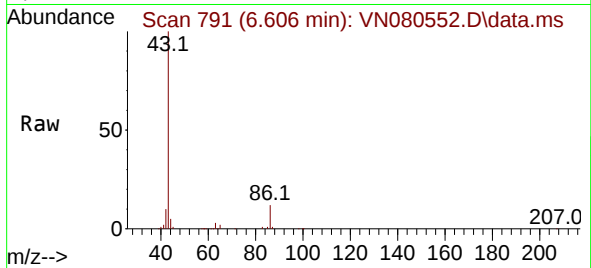
Tgt Ion: 45 Resp: 149864
Ion Ratio Lower Upper
45 100
43 53.0 45.5 68.3
87 40.5 31.8 47.8
59 14.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 93.060 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

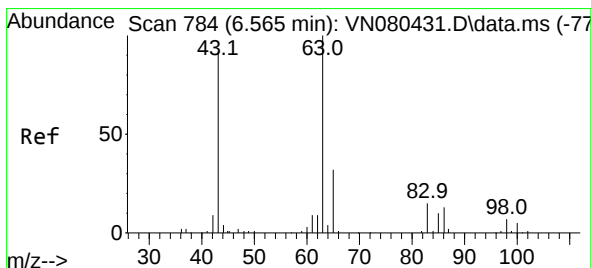
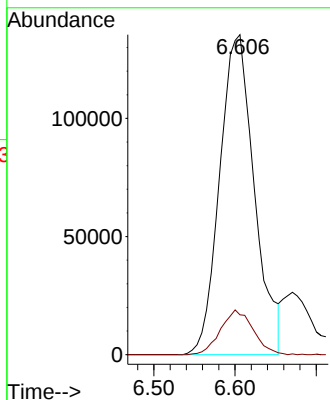
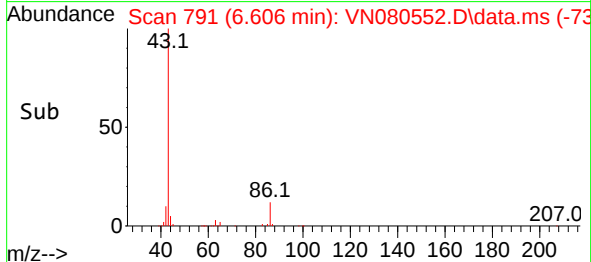
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBSD01



Tgt Ion: 43 Resp: 402938
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

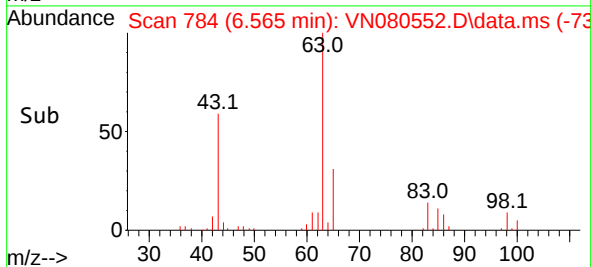
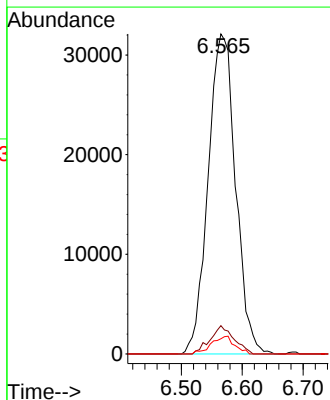
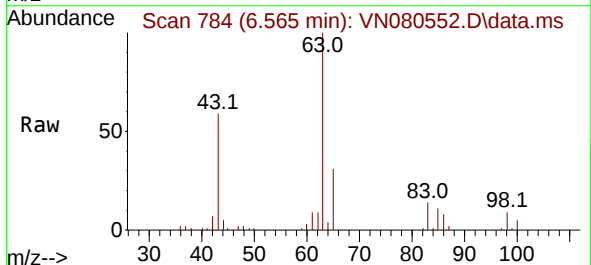
Manual Integrations
 APPROVED

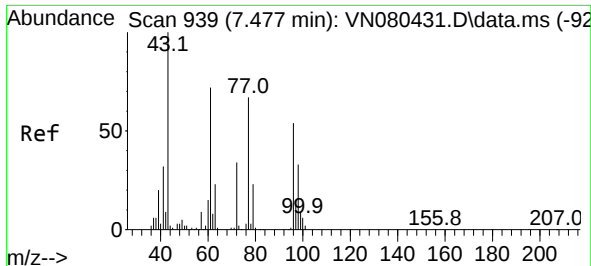
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#24
 1,1-Dichloroethane
 Concen: 19.123 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

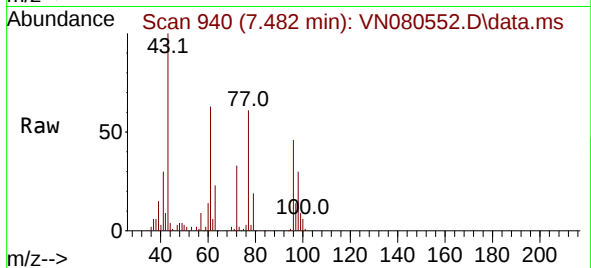
Tgt Ion: 63 Resp: 100584
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 119.384 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

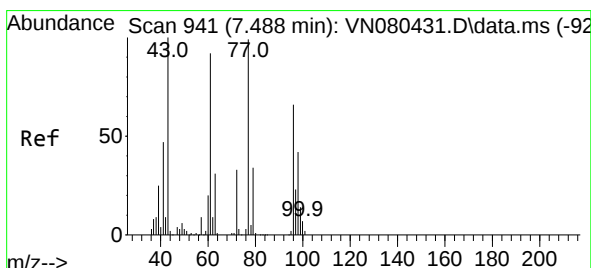
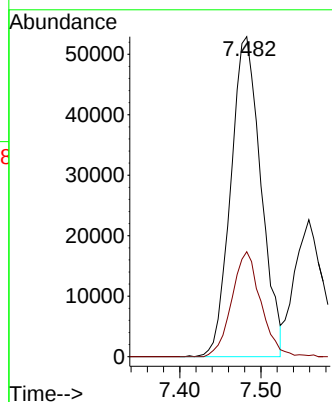
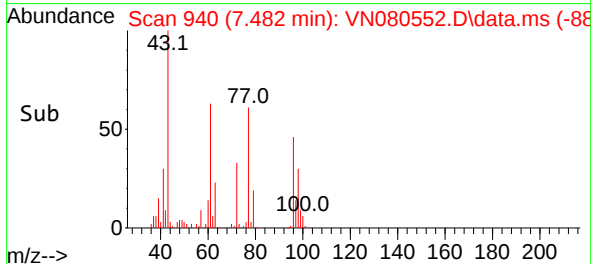
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



Tgt Ion: 43 Resp: 136780
Ion Ratio Lower Upper
43 100
72 32.8 30.2 45.2

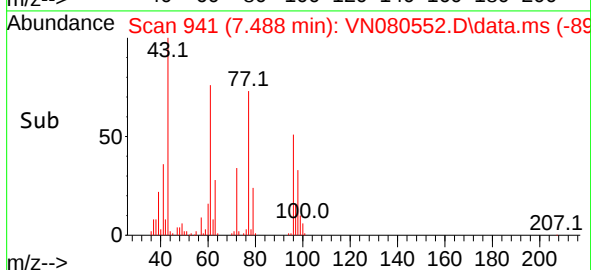
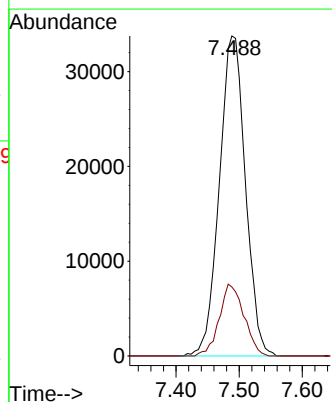
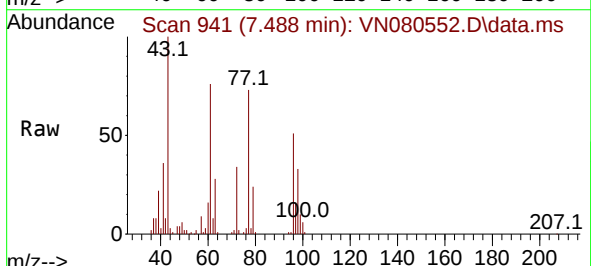
Manual Integrations
APPROVED

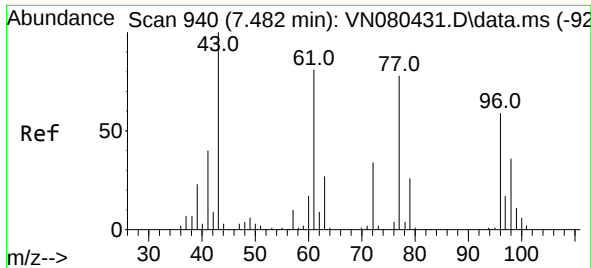
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#26
2,2-Dichloropropane
Concen: 18.028 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

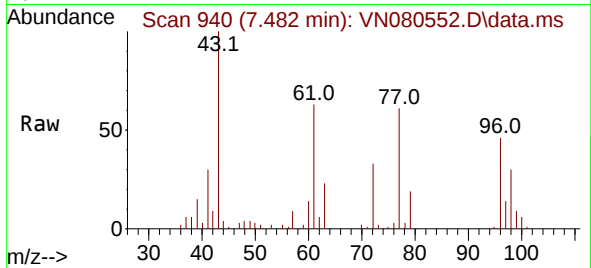
Tgt Ion: 77 Resp: 96961
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.814 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

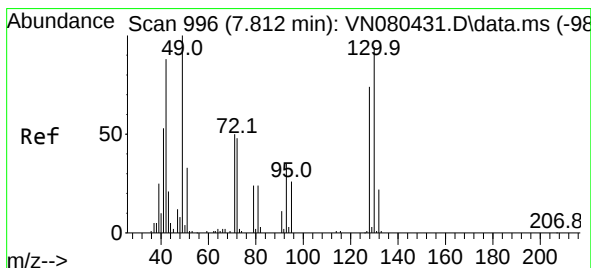
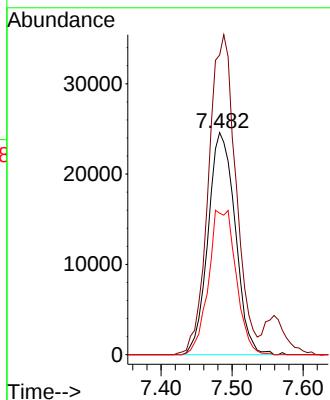
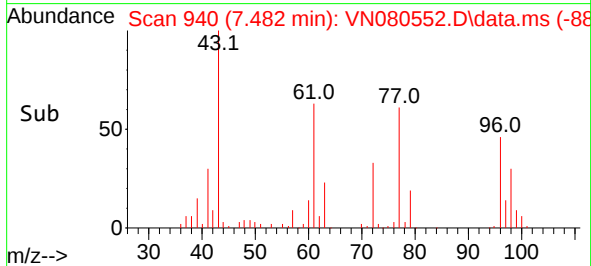
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBSD01



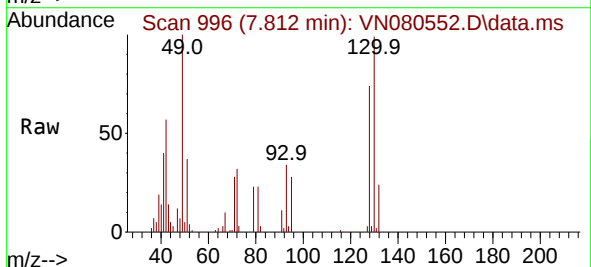
Tgt Ion: 96 Resp: 6519
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 255.2
 98 66.1 0.0 128.8

Manual Integrations
 APPROVED

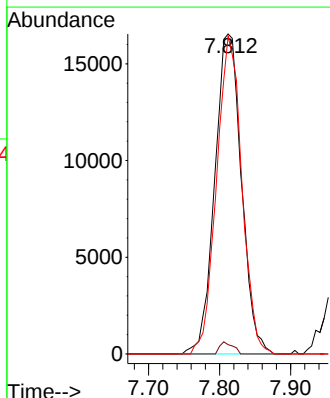
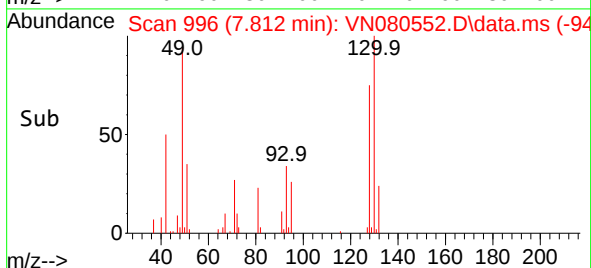
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

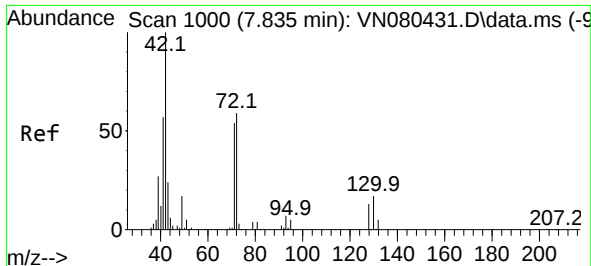


#28
 Bromochloromethane
 Concen: 21.388 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18



Tgt Ion: 49 Resp: 43194
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 93.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.614 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

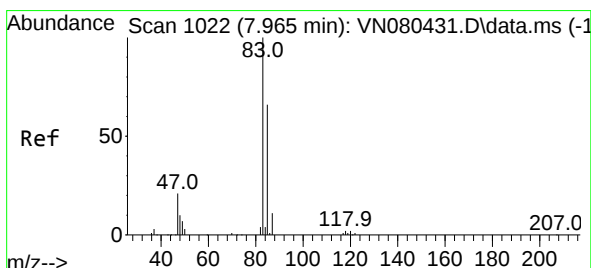
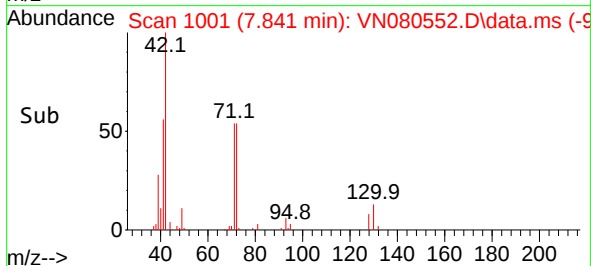
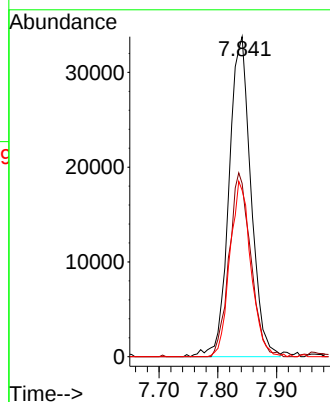
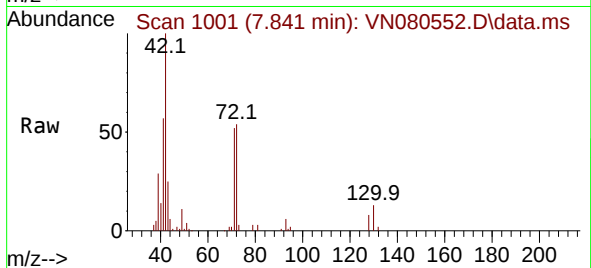
Tgt Ion:	42	Resp:	87469
Ion Ratio	Lower	Upper	
42	100		
72	56.7	49.8	74.6
71	52.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#30

Chloroform

Concen: 20.578 ug/l

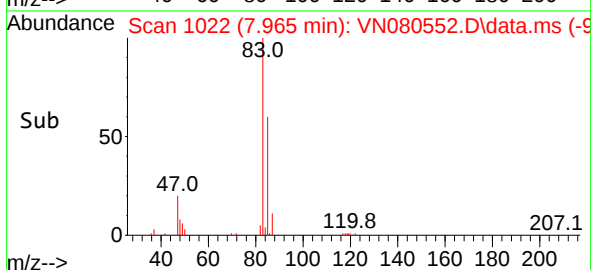
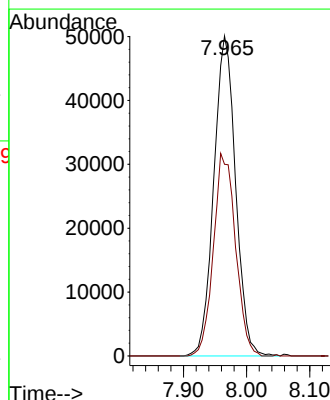
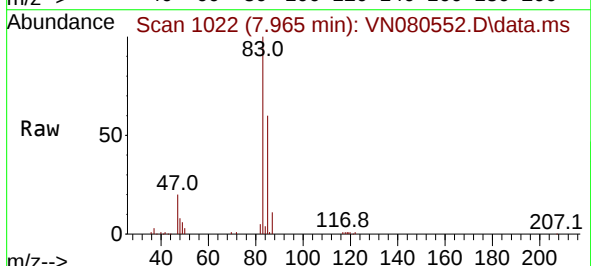
RT: 7.965 min Scan# 1022

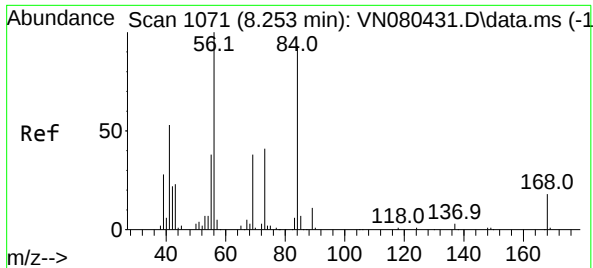
Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

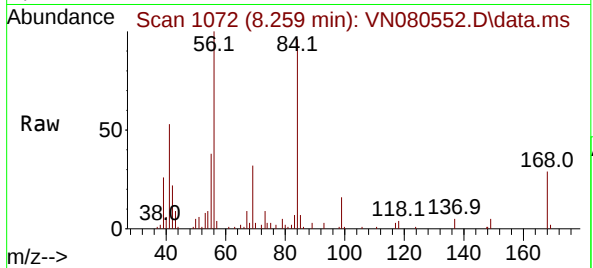
Tgt Ion:	83	Resp:	120145
Ion Ratio	Lower	Upper	
83	100		
85	59.9	55.4	83.0





#31
Cyclohexane
Concen: 16.742 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

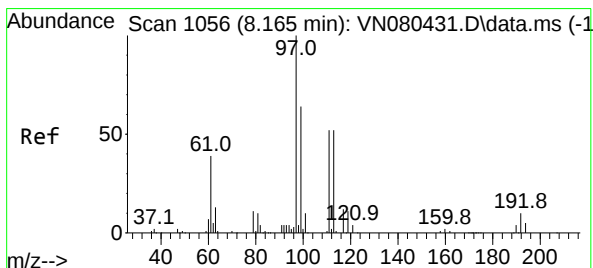
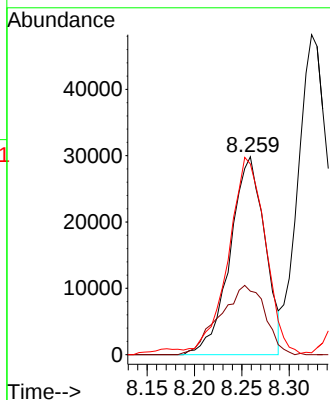
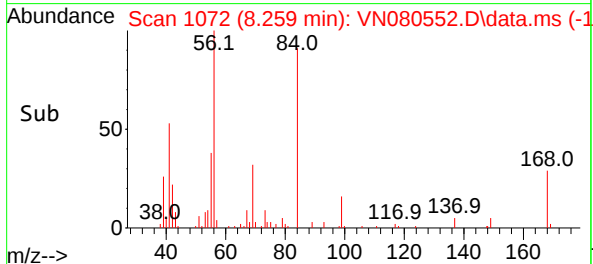
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



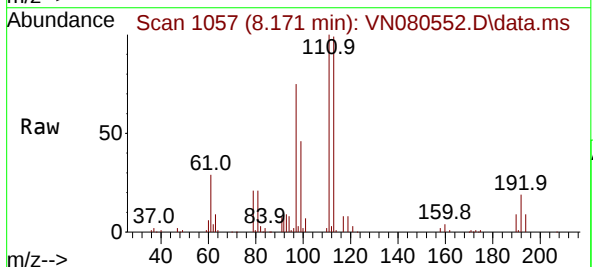
Tgt Ion: 56 Resp: 76360
Ion Ratio Lower Upper
56 100
69 32.1 26.8 40.2
84 93.6 81.8 122.6

Manual Integrations
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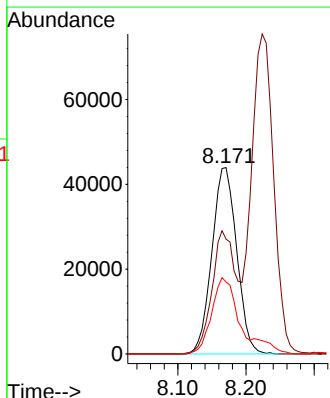
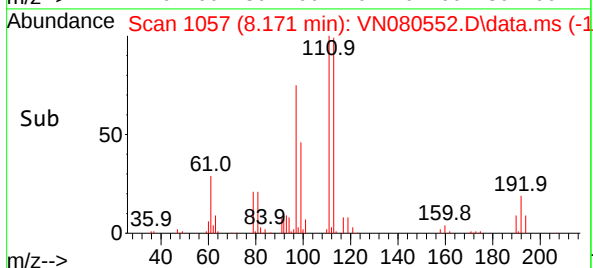
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

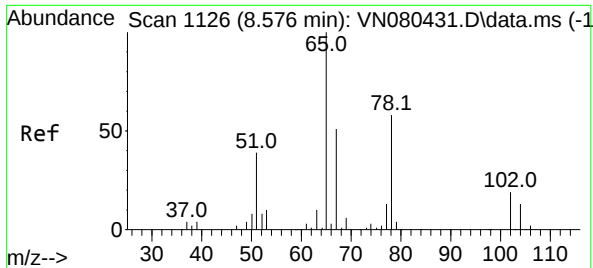


#32
1,1,1-Trichloroethane
Concen: 19.476 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



Tgt Ion: 97 Resp: 111333
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 47.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.746 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

Tgt Ion: 65 Resp: 183629

Ion Ratio Lower Upper

65 100

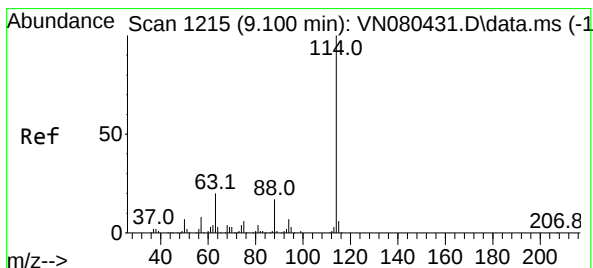
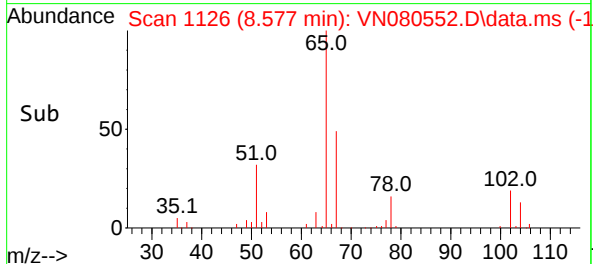
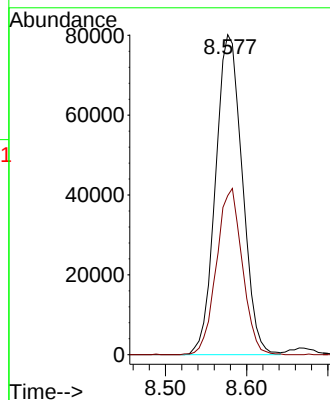
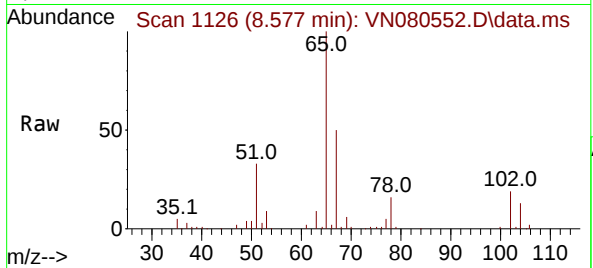
67 50.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

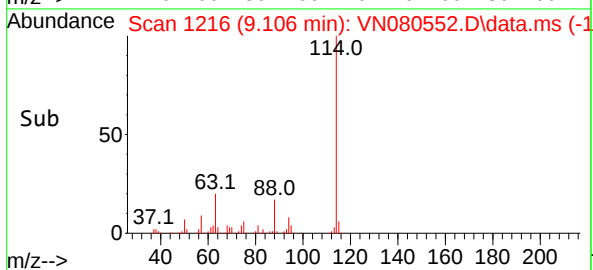
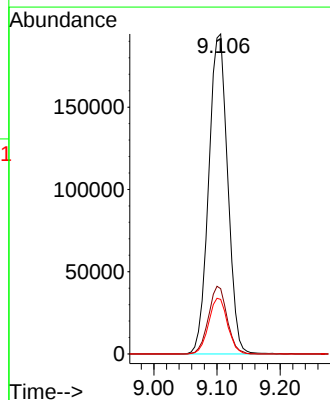
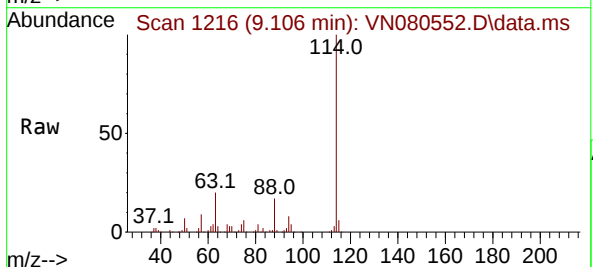
Tgt Ion:114 Resp: 405187

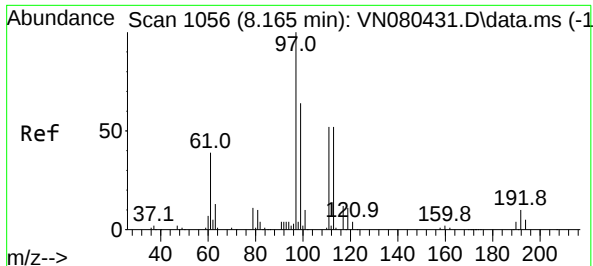
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.857 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

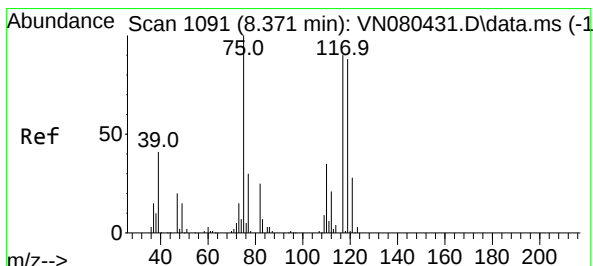
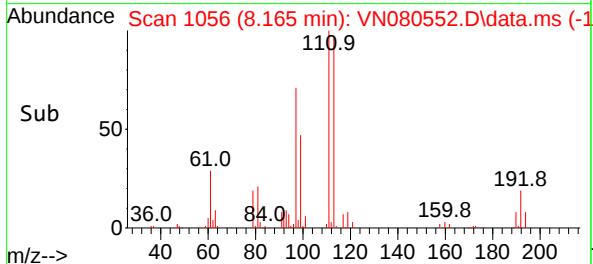
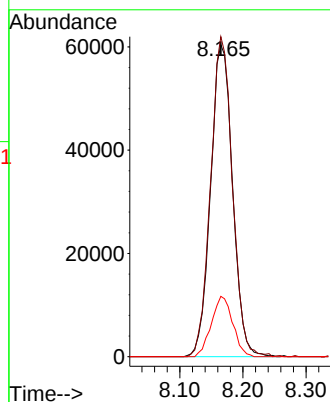
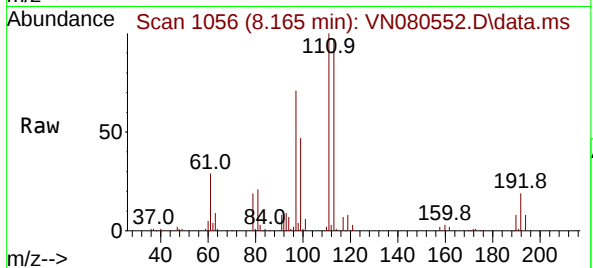
Tgt Ion:	113	Resp:	146069
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.6	123.8
192	18.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#36

1,1-Dichloropropene

Concen: 19.347 ug/l

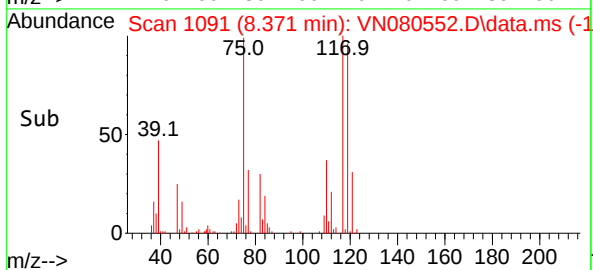
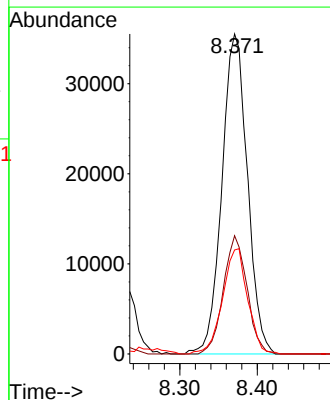
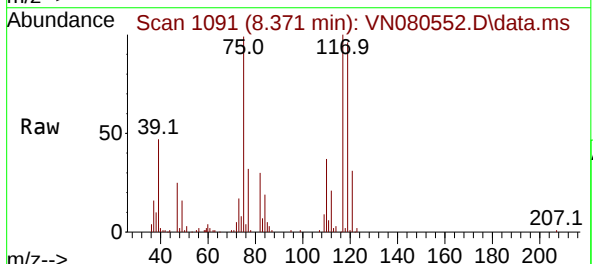
RT: 8.371 min Scan# 1091

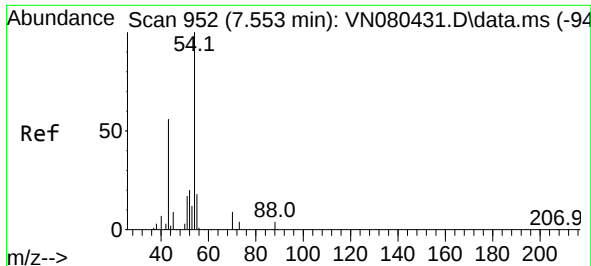
Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Tgt Ion:	75	Resp:	81267
Ion Ratio	Lower	Upper	
75	100		
110	34.3	19.1	57.3
77	32.4	25.0	37.4





#37

Ethyl Acetate

Concen: 21.791 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080552.D

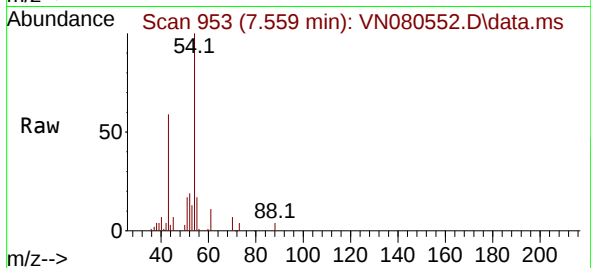
Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBSD01



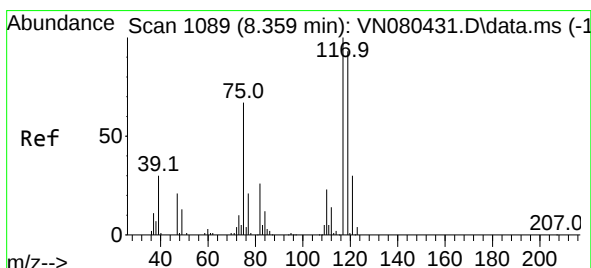
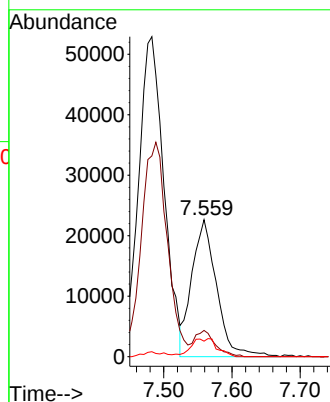
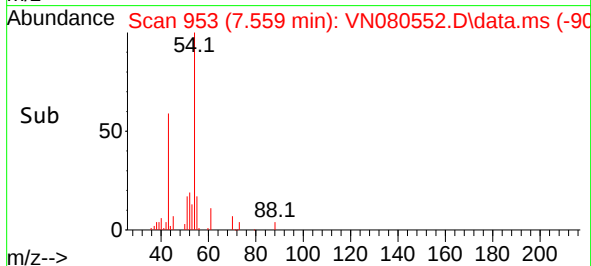
Tgt Ion:	43	Resp:	57320
Ion Ratio	Lower	Upper	
43	100		
61	16.1	13.2	19.8
70	14.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#38

Carbon Tetrachloride

Concen: 19.687 ug/l

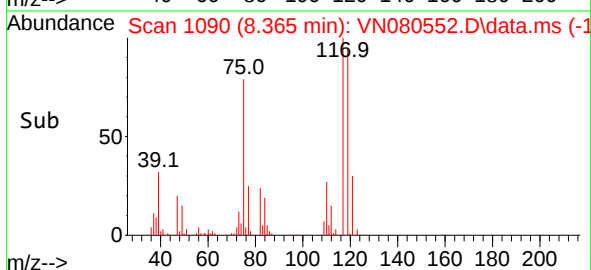
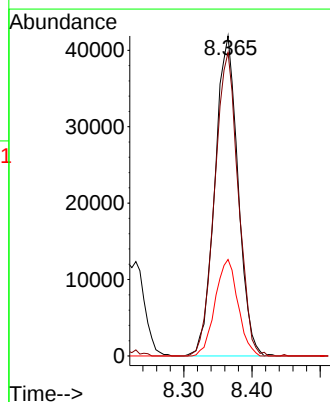
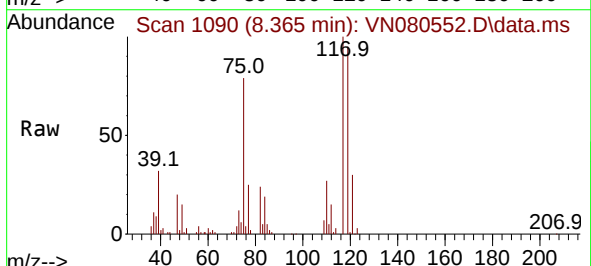
RT: 8.365 min Scan# 1090

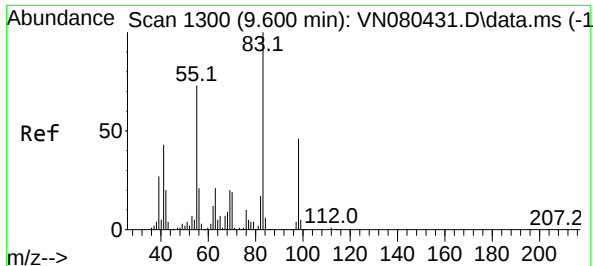
Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Tgt Ion:	117	Resp:	98812
Ion Ratio	Lower	Upper	
117	100		
119	94.8	77.3	115.9
121	30.1	23.3	34.9





#39

Methylcyclohexane

Concen: 16.839 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBSD01

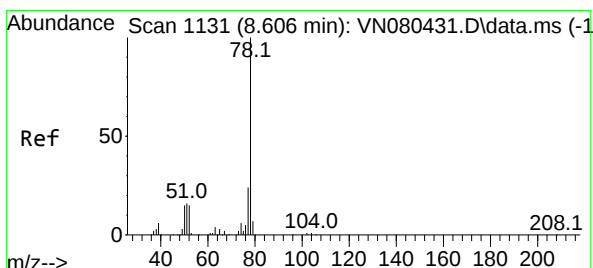
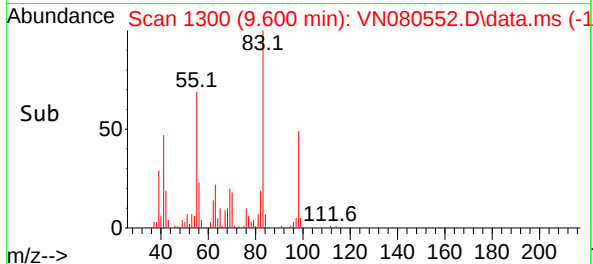
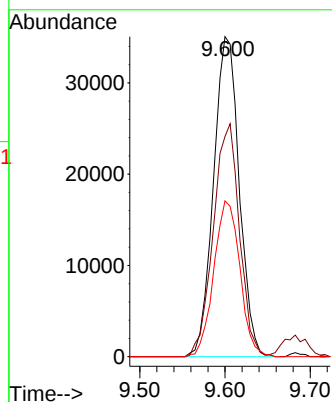
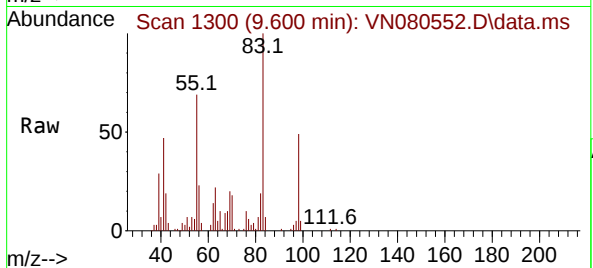
Tgt Ion:	83	Resp:	73480
Ion Ratio	Lower	Upper	
83	100		
55	68.8	49.1	73.7
98	48.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#40

Benzene

Concen: 18.836 ug/l

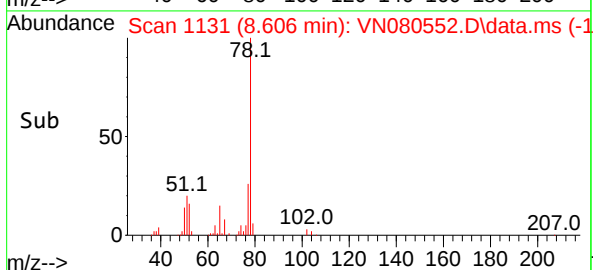
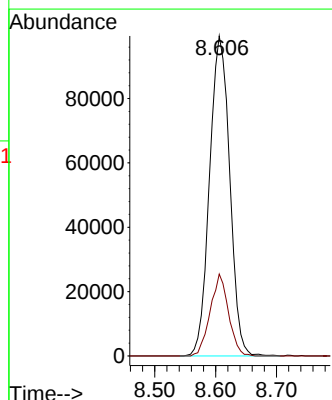
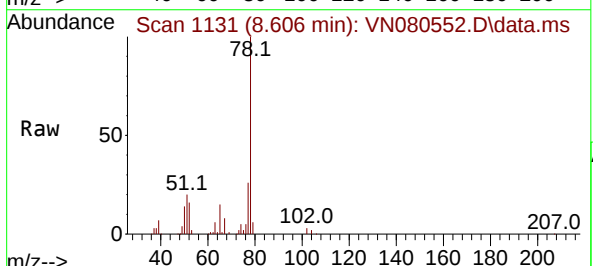
RT: 8.606 min Scan# 1131

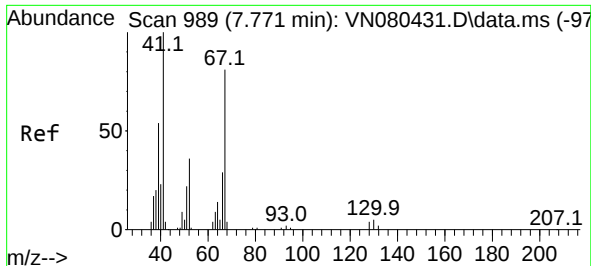
Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

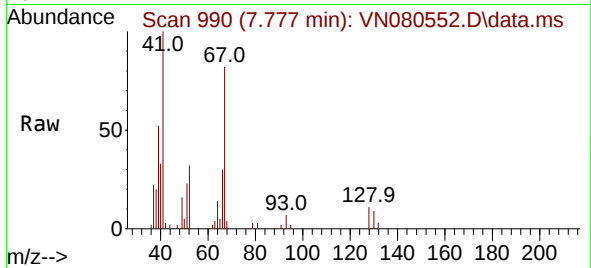
Tgt Ion:	78	Resp:	228471
Ion Ratio	Lower	Upper	
78	100		
77	25.6	19.0	28.6





#41
Methacrylonitrile
Concen: 21.801 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

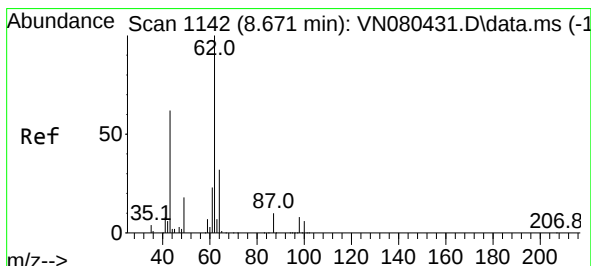
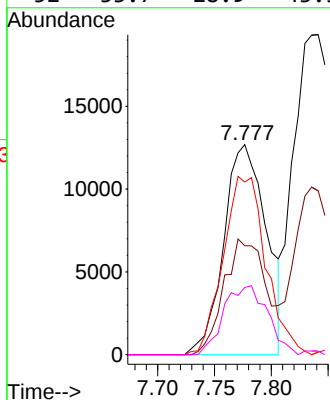
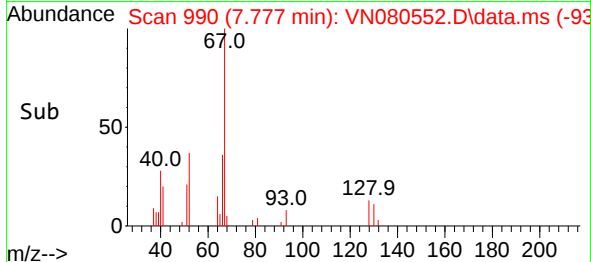
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



Tgt Ion: 41	Resp: 3306
Ion Ratio	Lower Upper
41 100	
39 51.3	42.6 64.0
67 85.2	77.5 116.3
52 33.7	28.9 43.3

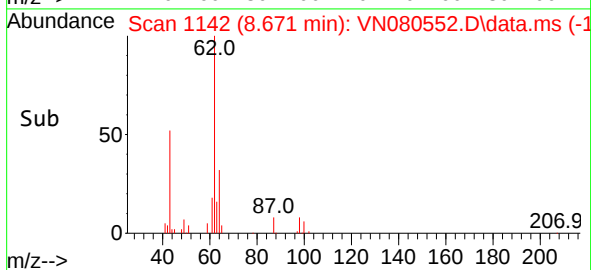
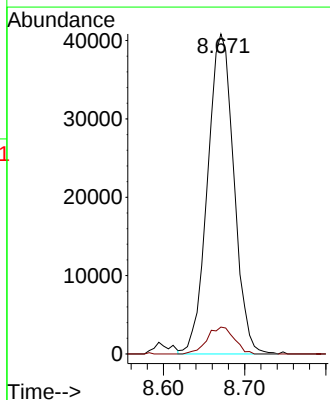
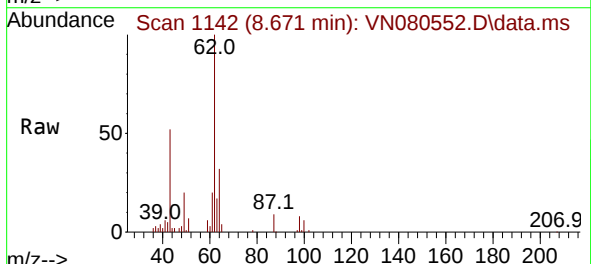
Manual Integrations
APPROVED

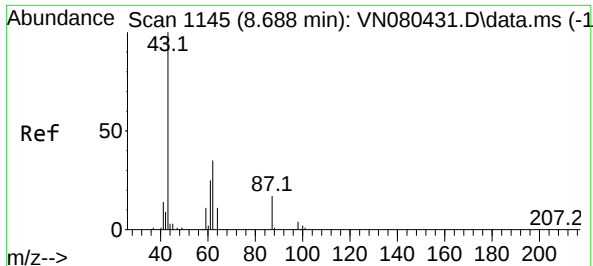
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#42
1,2-Dichloroethane
Concen: 20.447 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 62	Resp: 91842
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 19.8





#43

Isopropyl Acetate

Concen: 20.213 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

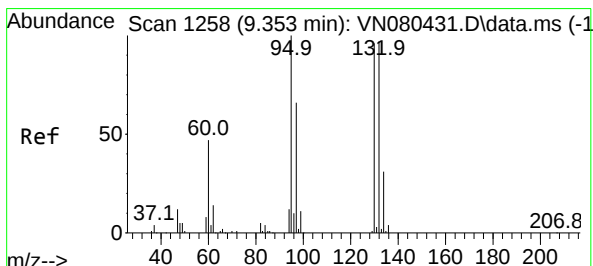
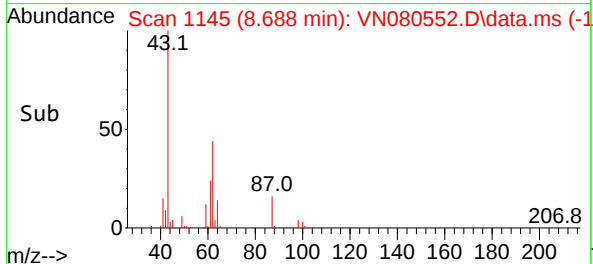
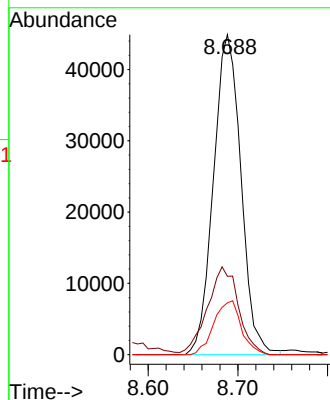
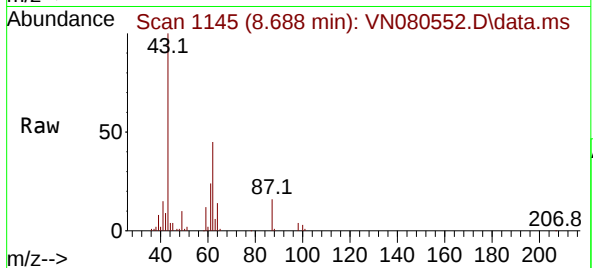
Tgt Ion: 43	Resp: 9559
Ion Ratio	Lower Upper
43	100
61	31.0 24.7 37.1
87	16.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#44

Trichloroethene

Concen: 18.964 ug/l

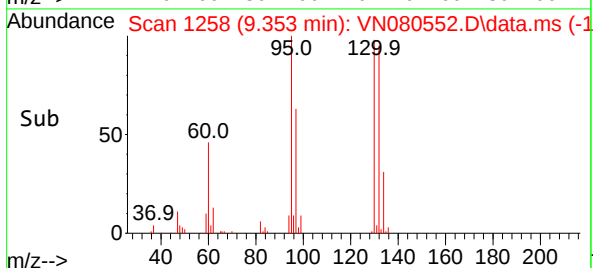
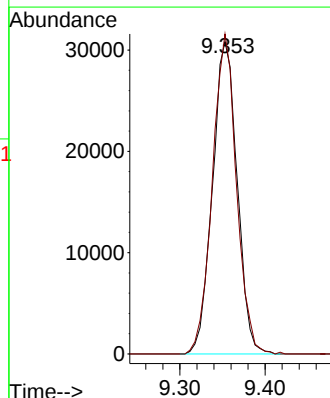
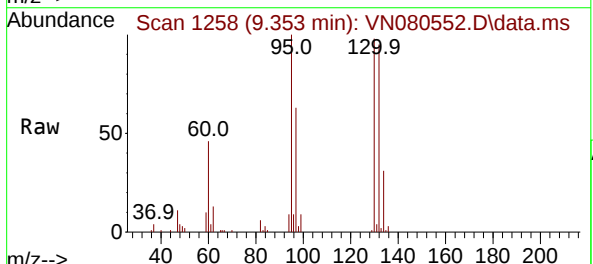
RT: 9.353 min Scan# 1258

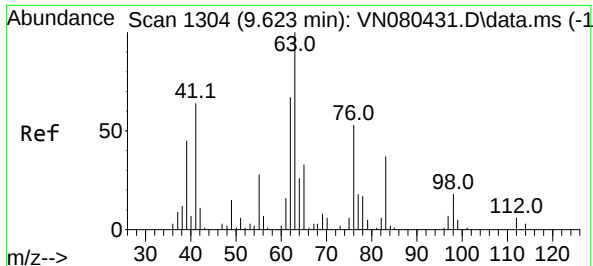
Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Tgt Ion:130	Resp: 62011
Ion Ratio	Lower Upper
130	100
95	102.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.785 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBSD01

Tgt Ion: 63 Resp: 5636

Ion Ratio Lower Upper

63 100

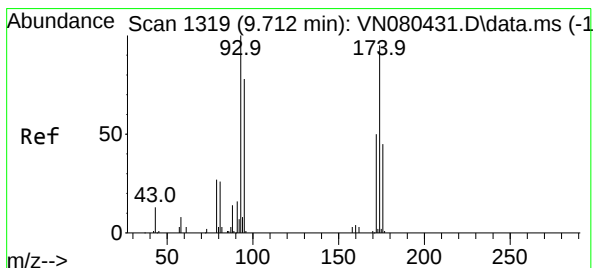
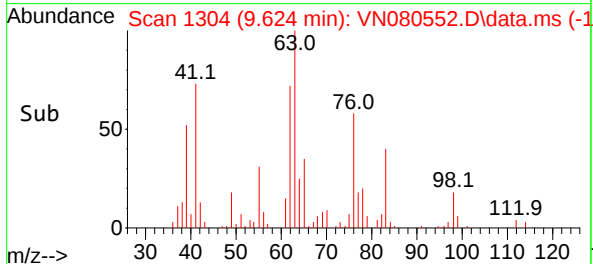
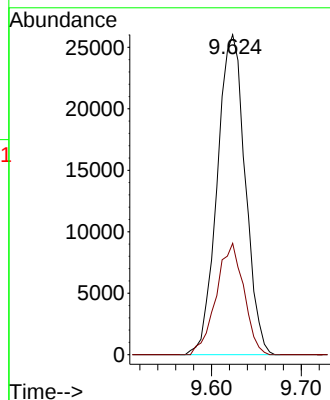
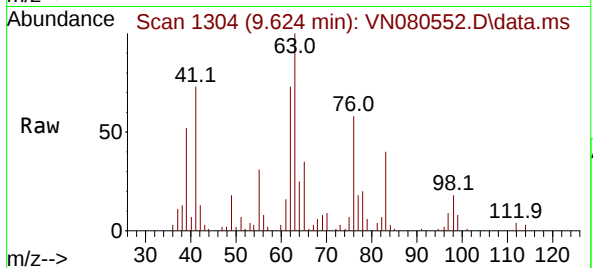
65 34.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#46

Dibromomethane

Concen: 20.484 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

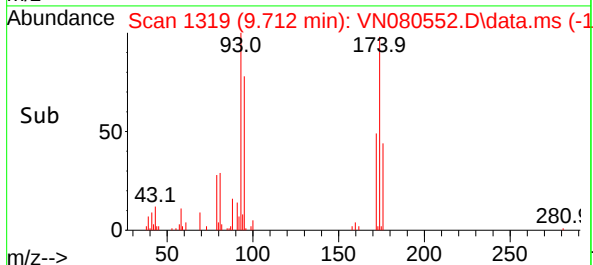
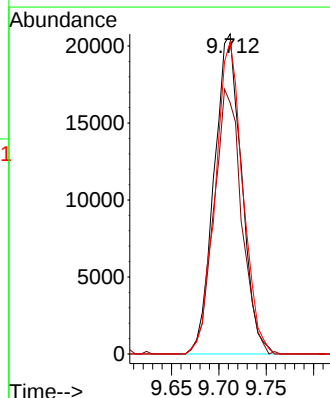
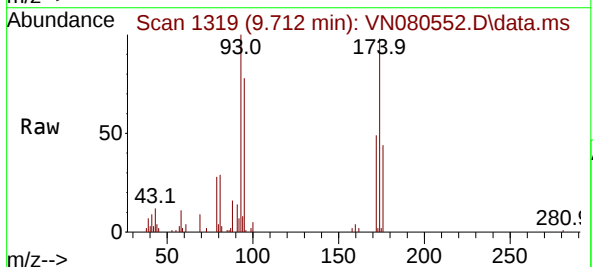
Tgt Ion: 93 Resp: 41908

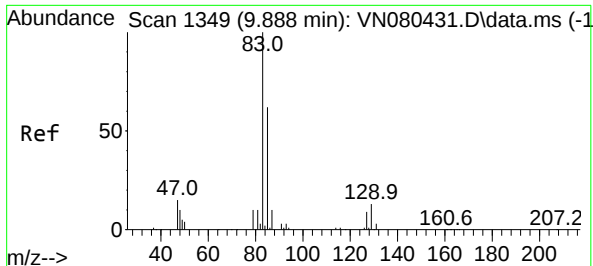
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

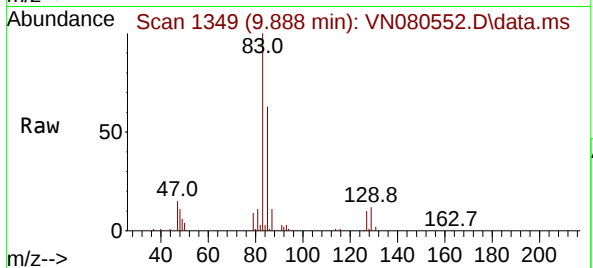
174 97.5 65.6 98.4





#47
Bromodichloromethane
Concen: 20.581 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

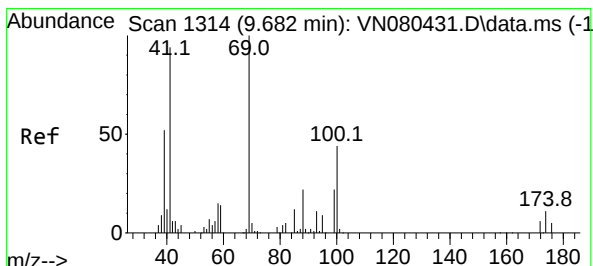
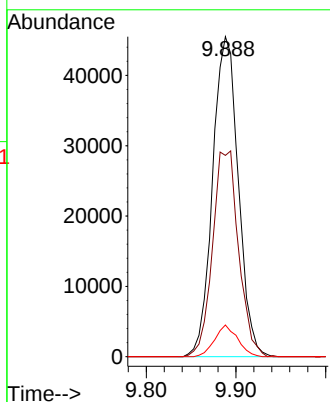
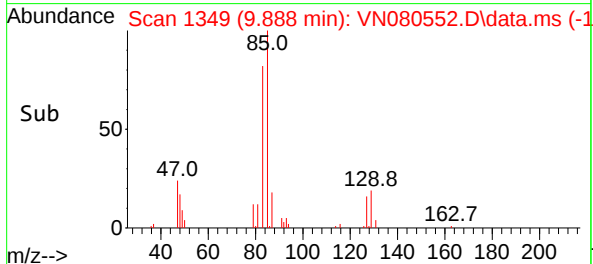
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



Tgt Ion: 83 Resp: 90244
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 9.9 7.0 10.6

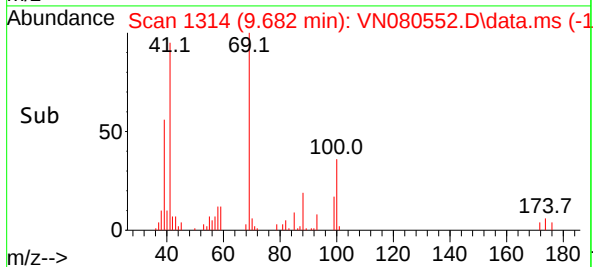
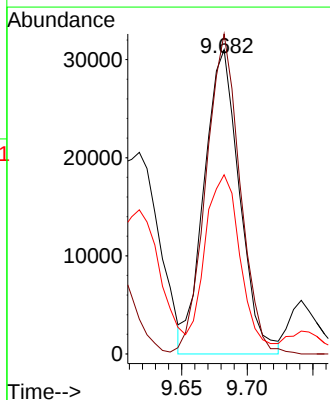
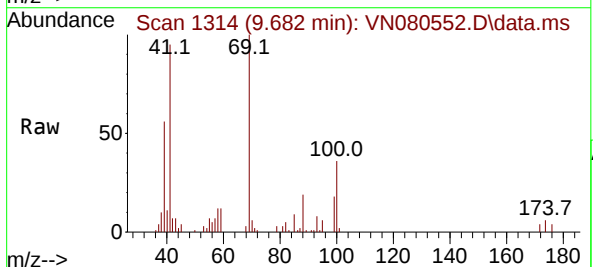
Manual Integrations
APPROVED

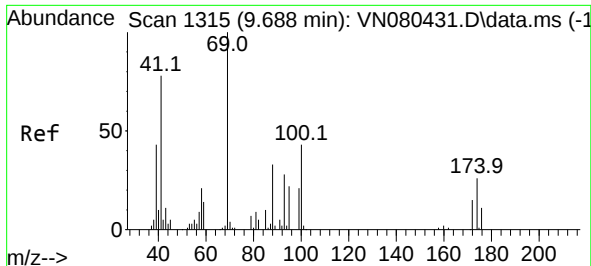
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#48
Methyl methacrylate
Concen: 20.637 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

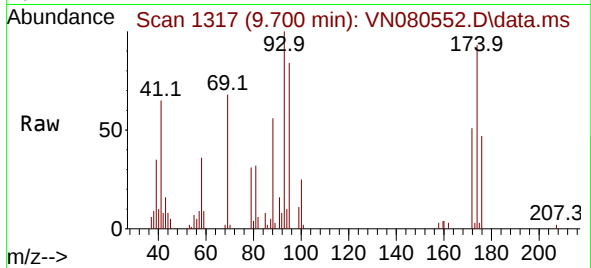
Tgt Ion: 41 Resp: 58246
Ion Ratio Lower Upper
41 100
69 101.2 90.4 135.6
39 59.3 54.6 81.8





#49
1,4-Dioxane
Concen: 401.524 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

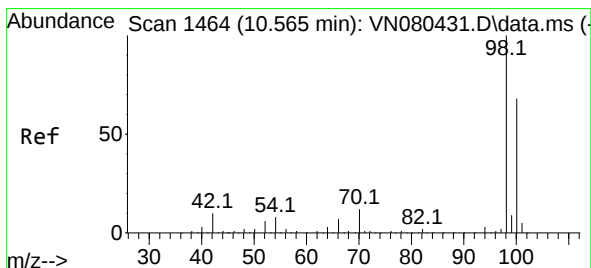
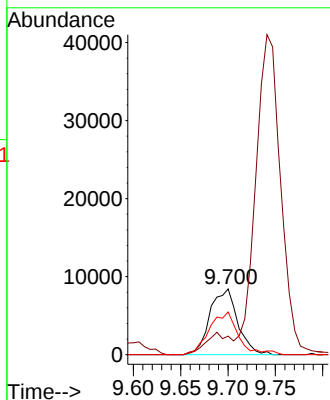
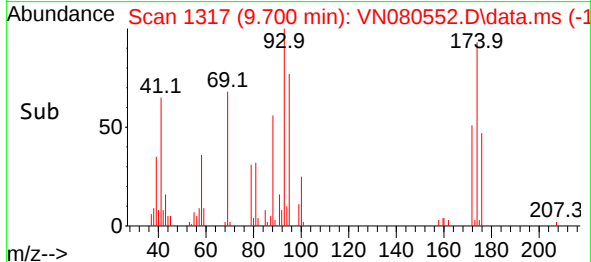
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



Tgt Ion: 88 Resp: 1717
Ion Ratio Lower Upper
88 100
43 29.5 17.0 25.6
58 68.2 47.0 70.4

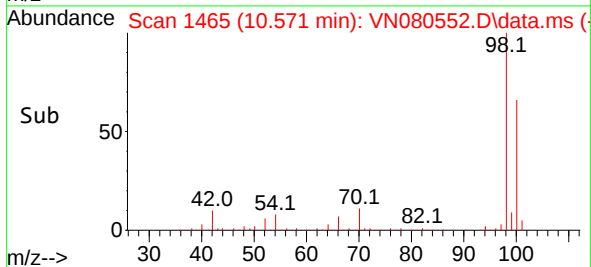
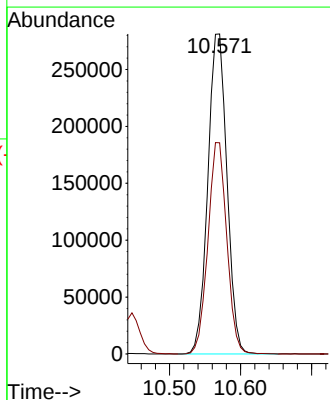
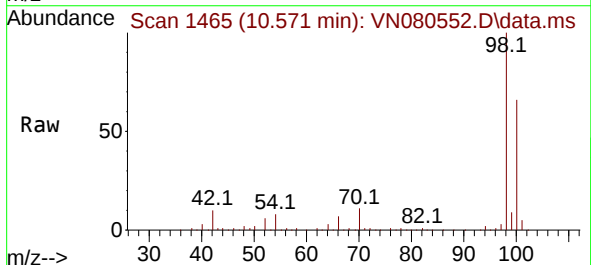
Manual Integrations
APPROVED

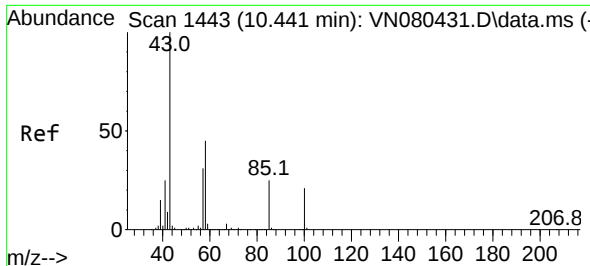
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#50
Toluene-d8
Concen: 54.864 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 98 Resp: 525664
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





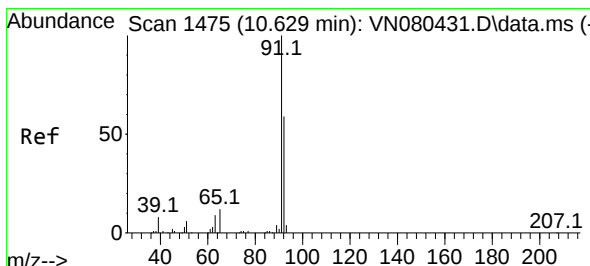
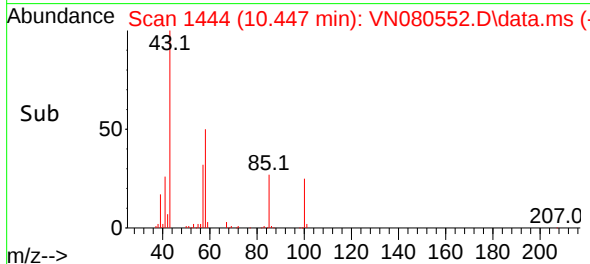
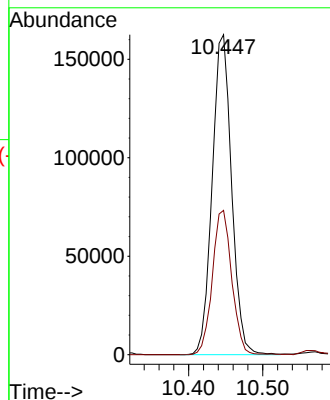
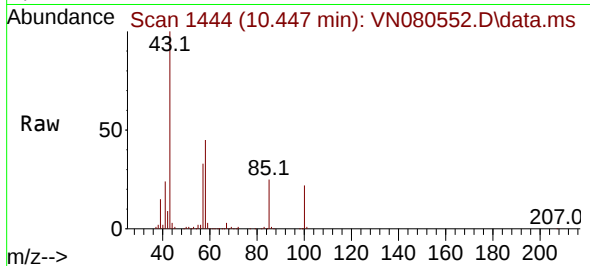
#51
4-Methyl-2-Pentanone
Concen: 113.197 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 43 Resp: 29485
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8

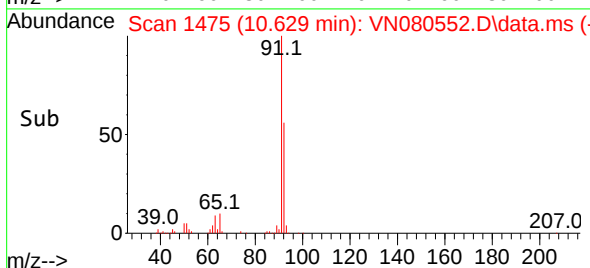
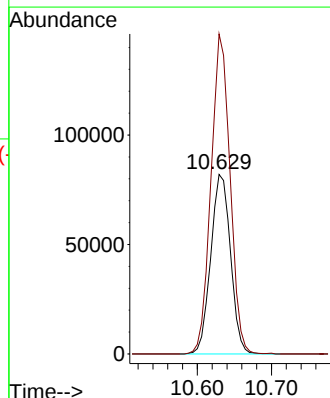
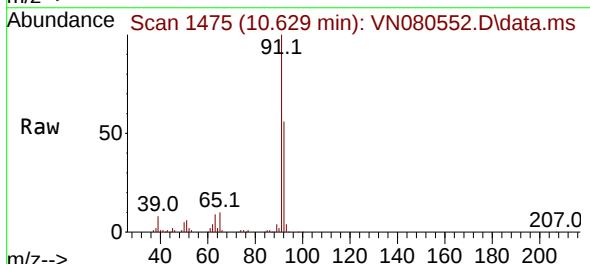
Manual Integrations
APPROVED

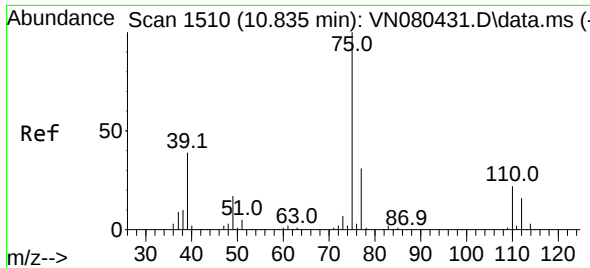
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#52
Toluene
Concen: 19.823 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

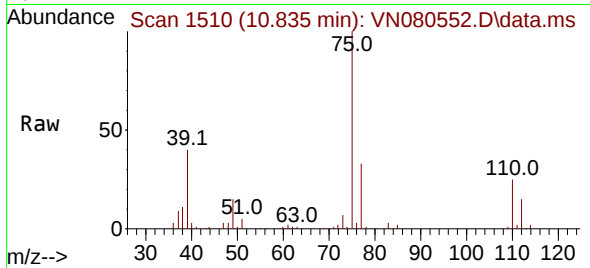
Tgt Ion: 92 Resp: 151902
Ion Ratio Lower Upper
92 100
91 171.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.550 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

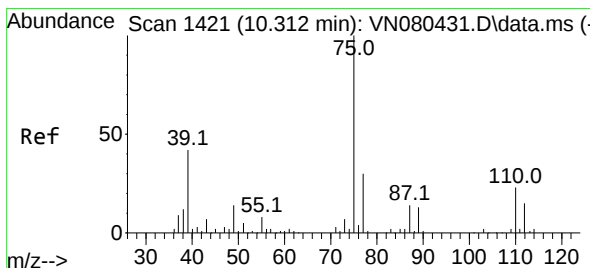
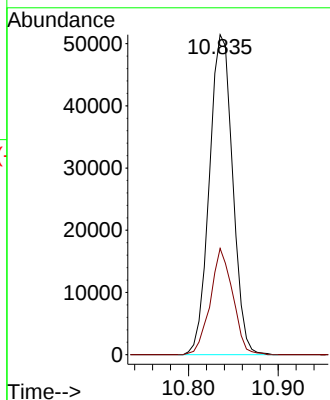
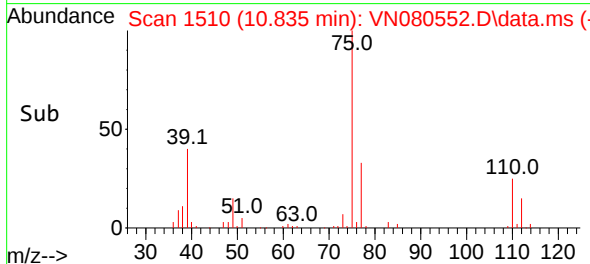
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



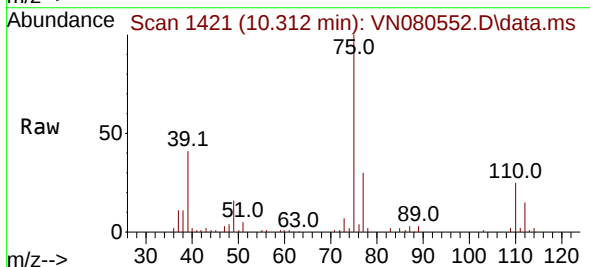
Tgt Ion: 75 Resp: 92745
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0

Manual Integrations
APPROVED

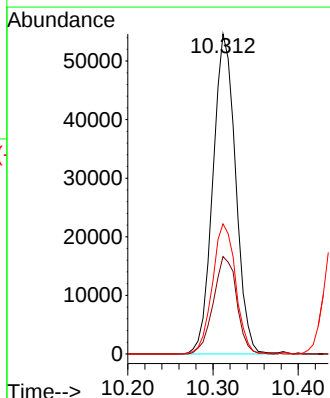
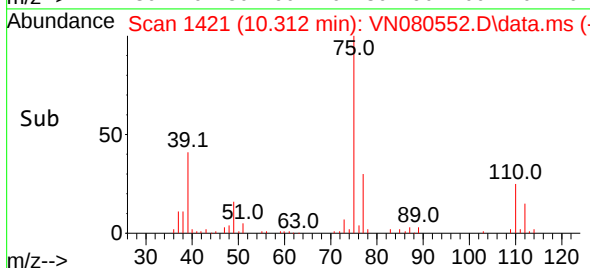
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

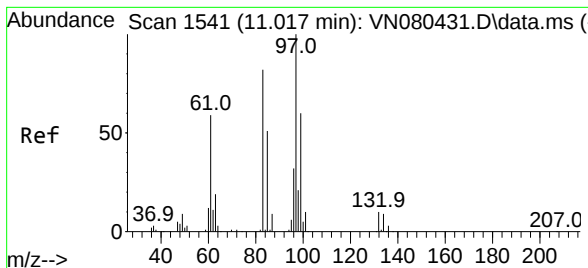


#54
cis-1,3-Dichloropropene
Concen: 19.950 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



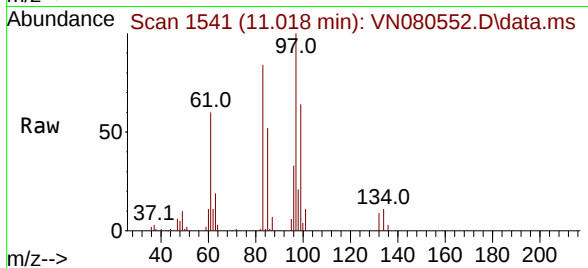
Tgt Ion: 75 Resp: 101163
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 40.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.074 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

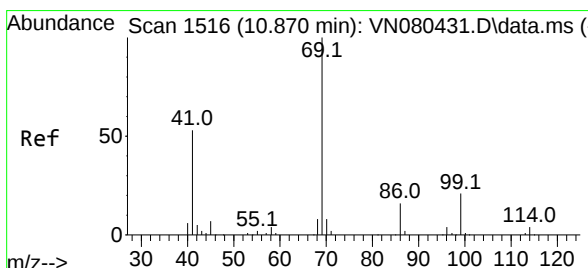
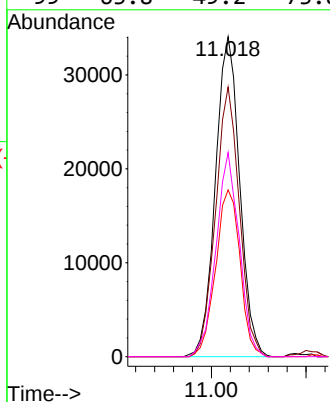
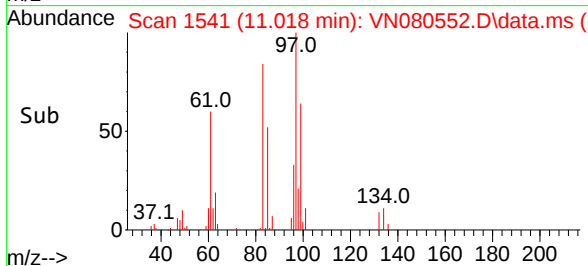
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



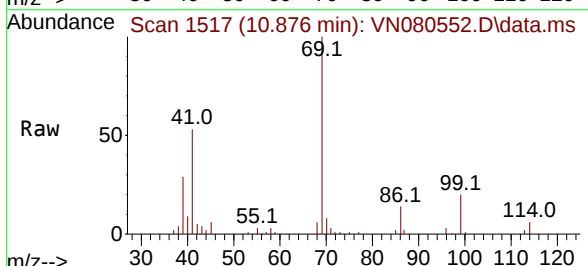
Tgt Ion: 97	Resp: 60862
Ion Ratio	Lower Upper
97 100	
83 84.2	65.1 97.7
85 52.1	43.4 65.2
99 63.8	49.2 73.8

Manual Integrations
APPROVED

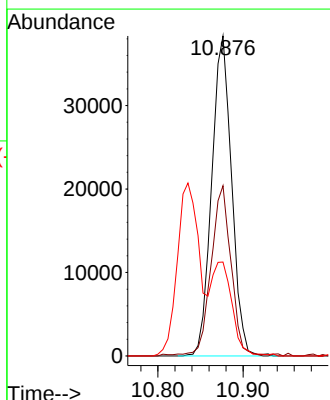
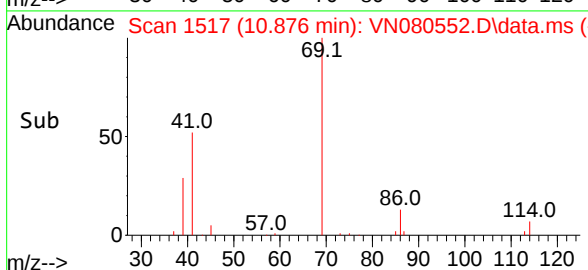
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

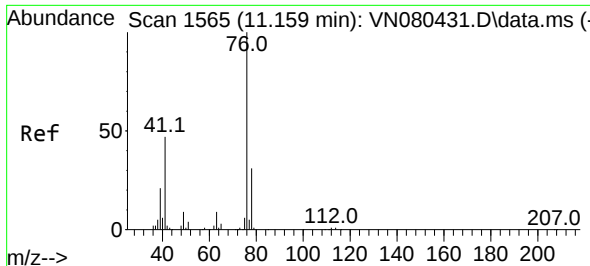


#56
Ethyl methacrylate
Concen: 20.428 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



Tgt Ion: 69	Resp: 62360
Ion Ratio	Lower Upper
69 100	
41 53.6	39.6 59.4
39 29.2	28.6 43.0





#57

1,3-Dichloropropane

Concen: 21.111 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

Tgt Ion: 76 Resp: 102038

Ion Ratio Lower Upper

76 100

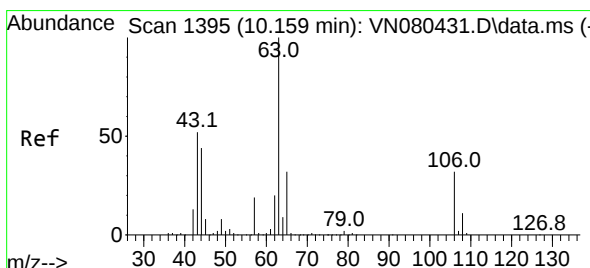
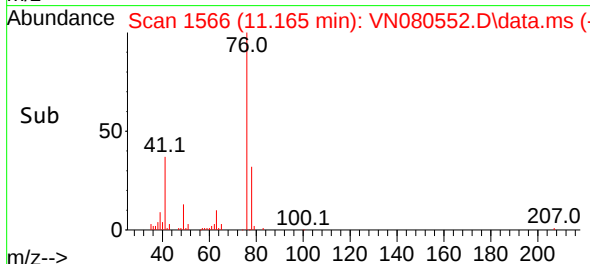
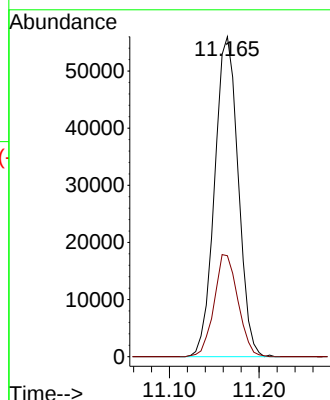
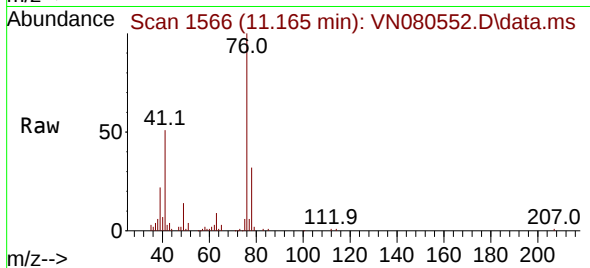
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.469 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080552.D

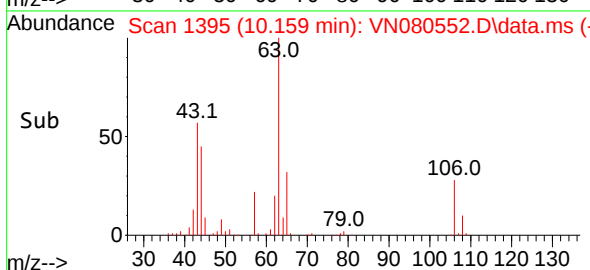
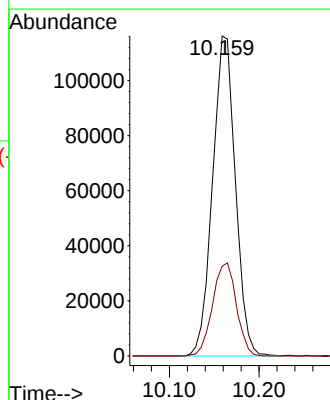
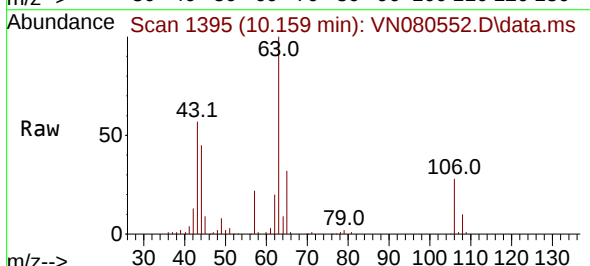
Acq: 20 Dec 2023 17:18

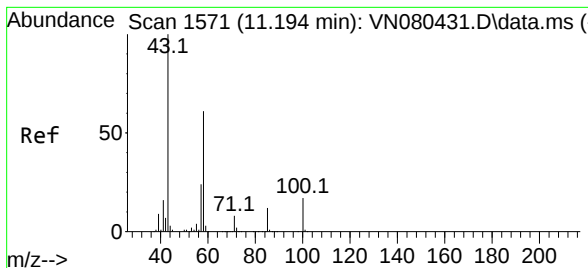
Tgt Ion: 63 Resp: 205179

Ion Ratio Lower Upper

63 100

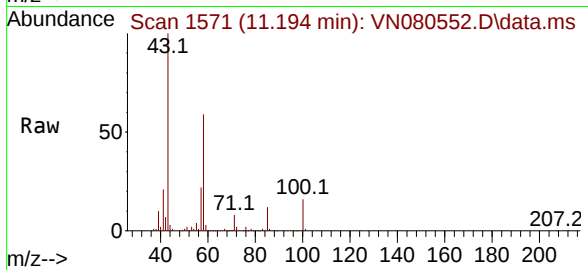
106 30.3 26.2 39.4





#59
2-Hexanone
Concen: 111.946 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

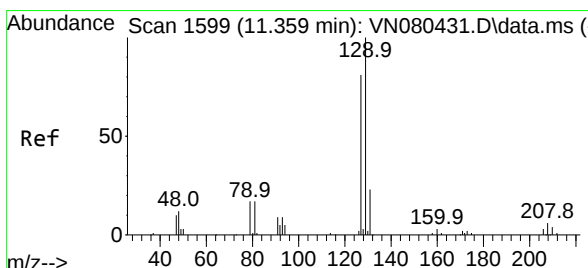
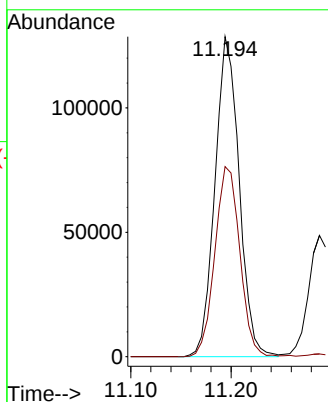
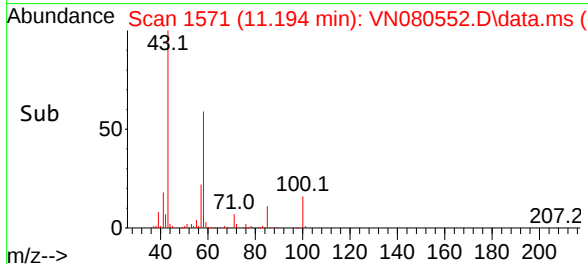
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



Tgt Ion: 43 Resp: 21526
Ion Ratio Lower Upper
43 100
58 61.3 31.7 95.1

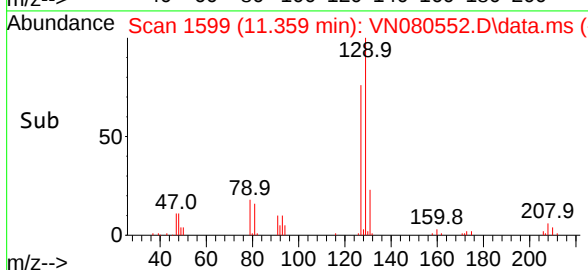
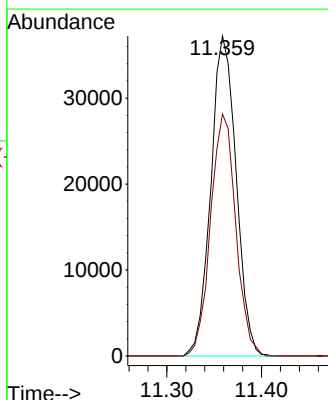
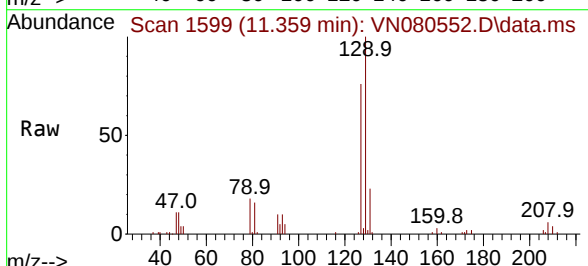
Manual Integrations
APPROVED

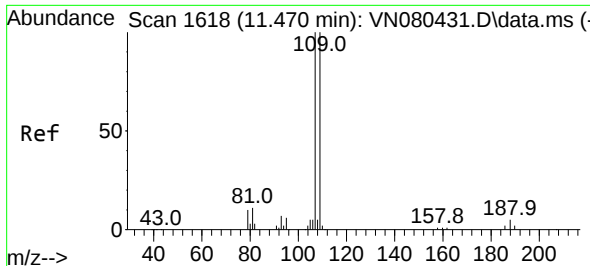
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#60
Dibromochloromethane
Concen: 21.149 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:129 Resp: 69099
Ion Ratio Lower Upper
129 100
127 75.3 38.6 116.0





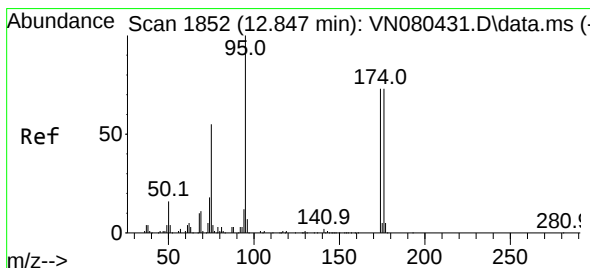
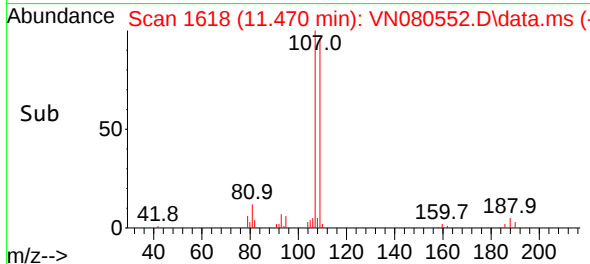
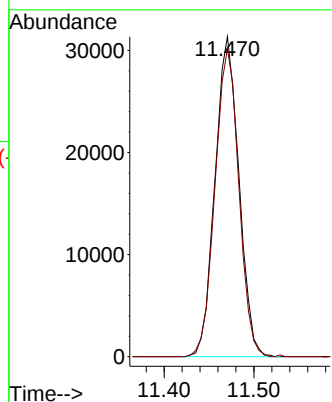
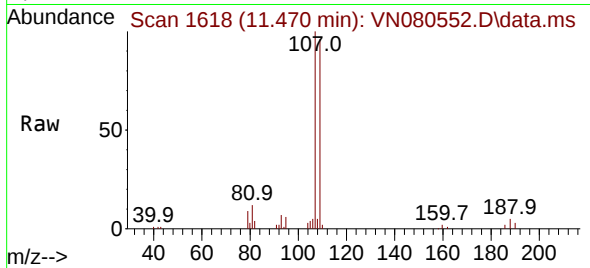
#61
1,2-Dibromoethane
Concen: 20.304 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01

Tgt Ion:107 Resp: 5794
Ion Ratio Lower Upper
107 100
109 95.8 76.6 114.8

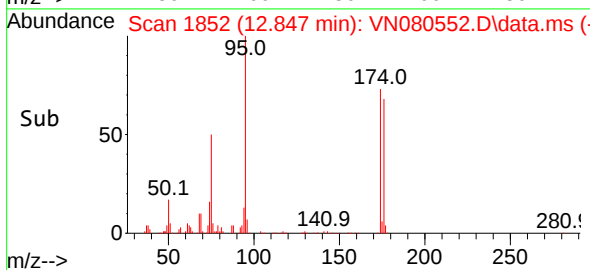
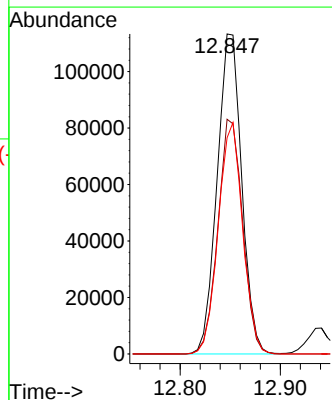
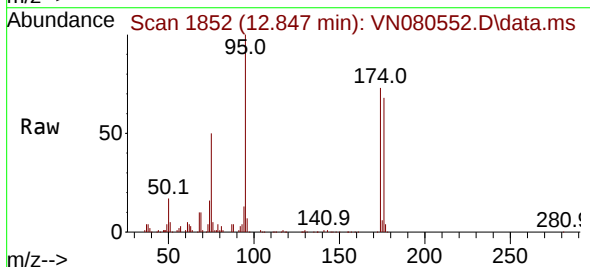
Manual Integrations
APPROVED

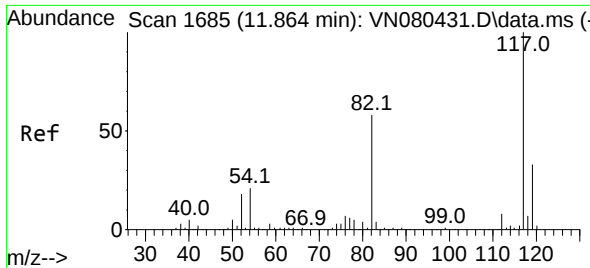
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#62
4-Bromofluorobenzene
Concen: 53.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

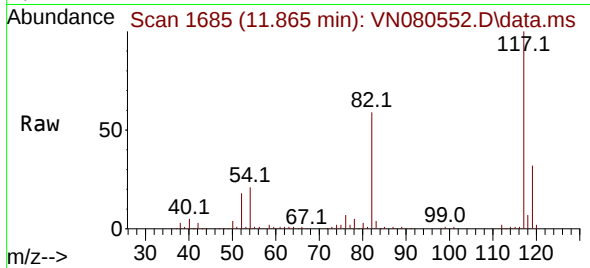
Tgt Ion: 95 Resp: 192968
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

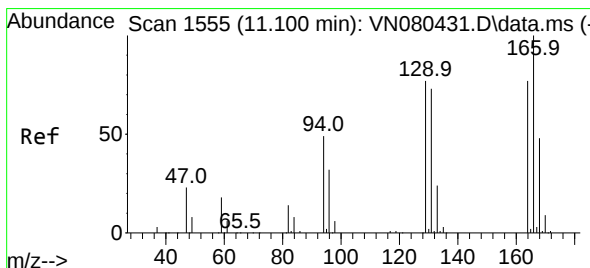
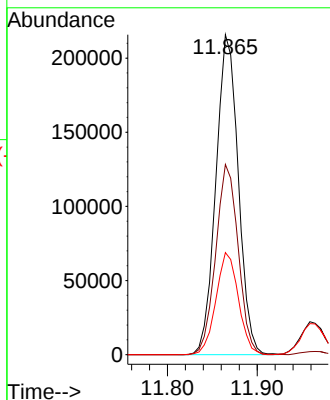
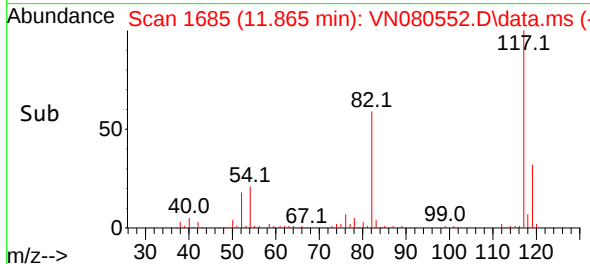
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



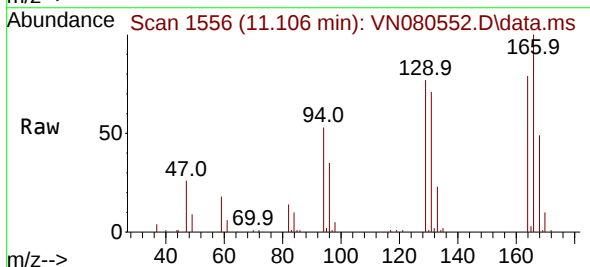
Tgt Ion:117 Resp: 37440
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

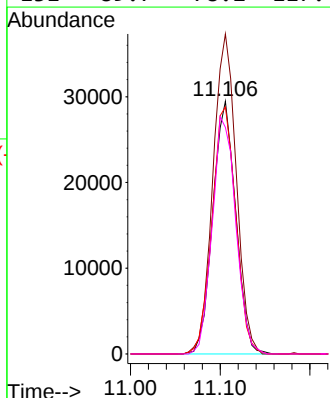
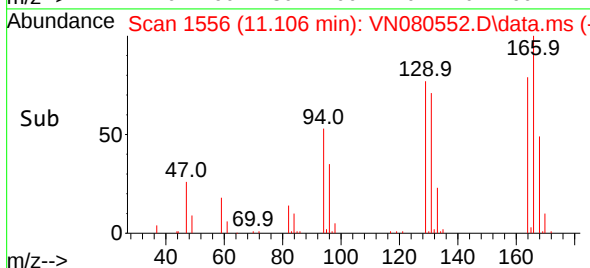
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

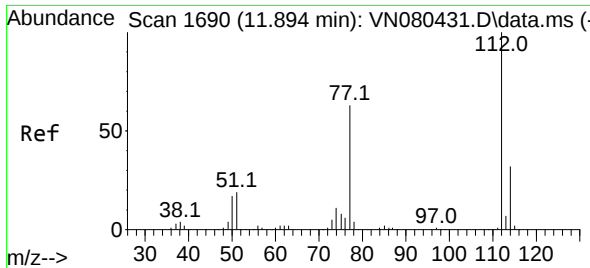


#64
Tetrachloroethene
Concen: 18.144 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



Tgt Ion:164 Resp: 52450
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 97.8 82.4 123.6
131 89.7 78.2 117.4





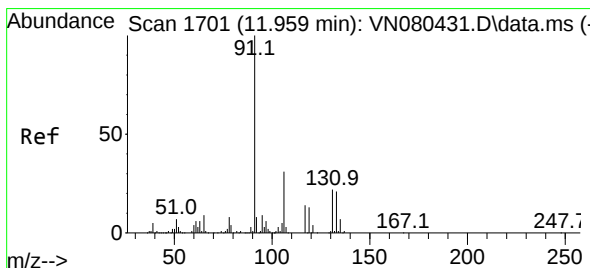
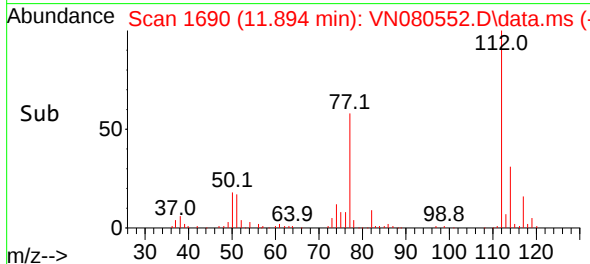
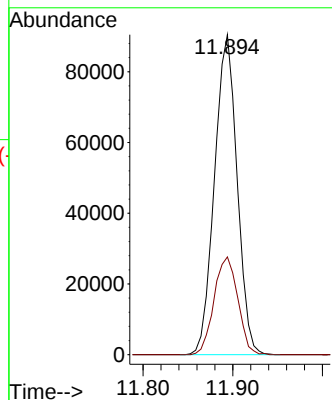
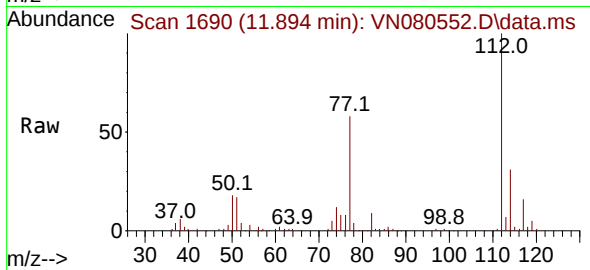
#65
Chlorobenzene
Concen: 18.983 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01

Tgt Ion:112 Resp: 15810
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4

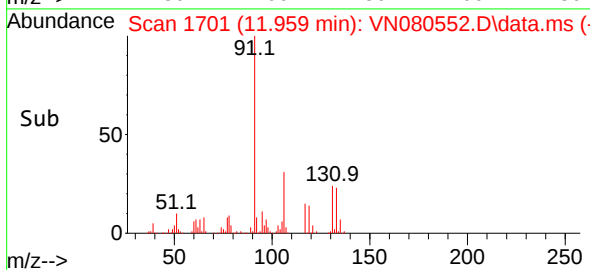
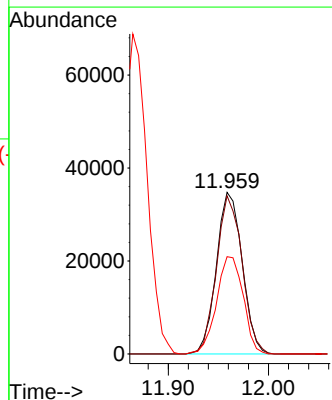
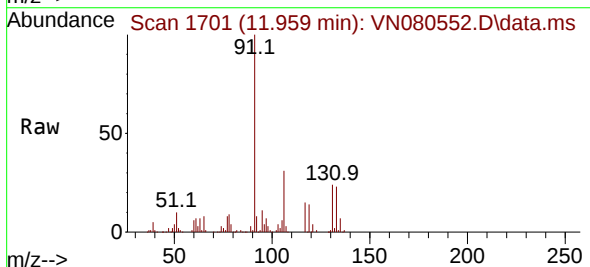
Manual Integrations
APPROVED

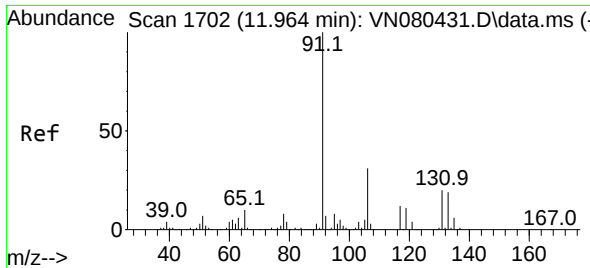
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.050 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

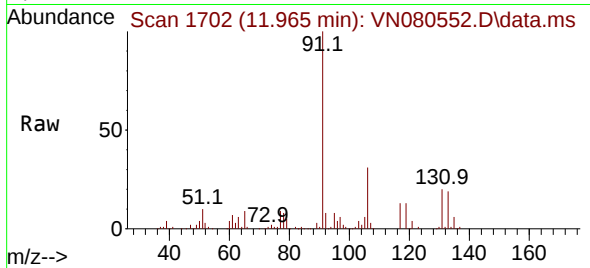
Tgt Ion:131 Resp: 62257
Ion Ratio Lower Upper
131 100
133 97.4 46.4 139.1
119 62.0 34.1 102.2





#67
Ethyl Benzene
Concen: 18.088 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

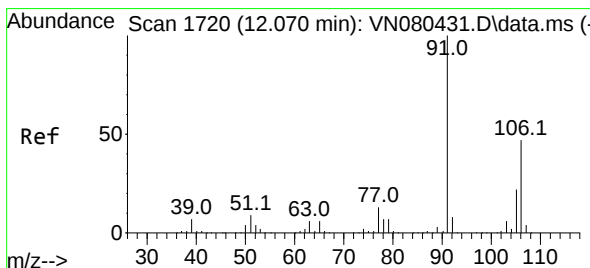
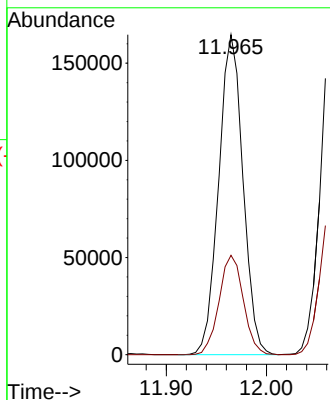
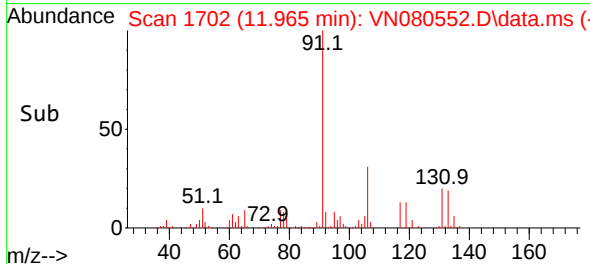
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



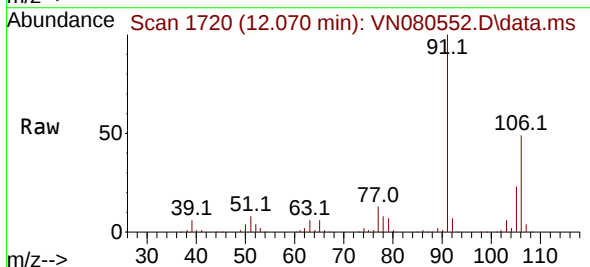
Tgt Ion: 91 Resp: 277012
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

Manual Integrations
APPROVED

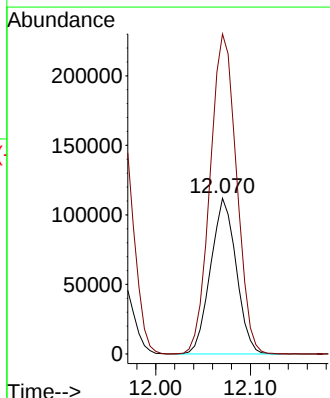
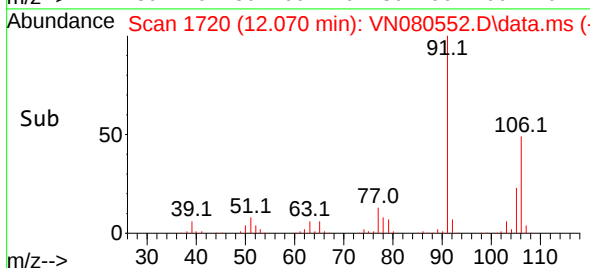
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

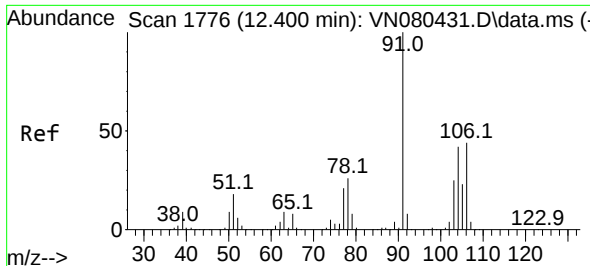


#68
m/p-Xylenes
Concen: 37.158 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



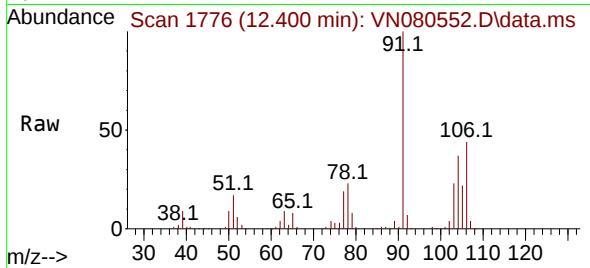
Tgt Ion:106 Resp: 210274
Ion Ratio Lower Upper
106 100
91 212.6 159.6 239.4





#69
o-Xylene
Concen: 18.200 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

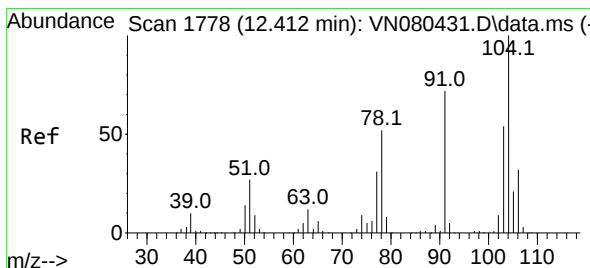
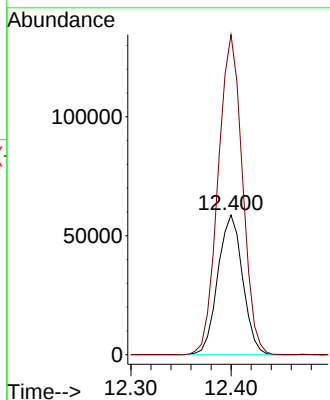
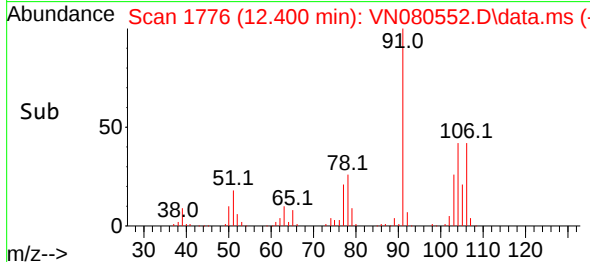
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



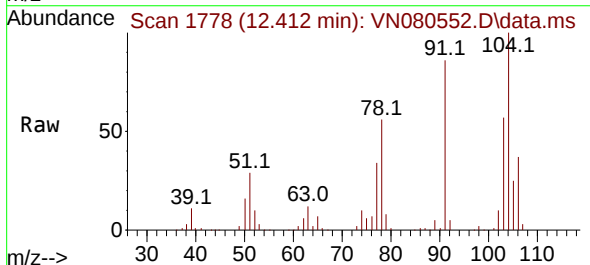
Tgt Ion:106 Resp: 100738
Ion Ratio Lower Upper
106 100
91 225.0 105.2 315.5

Manual Integrations
APPROVED

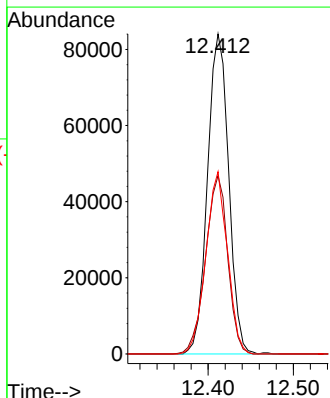
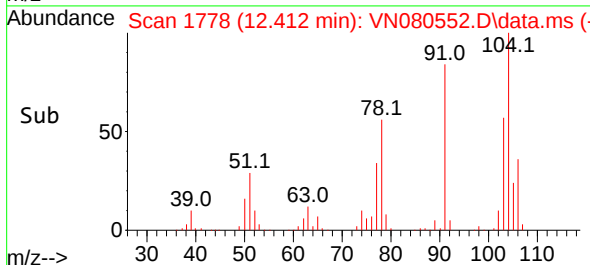
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

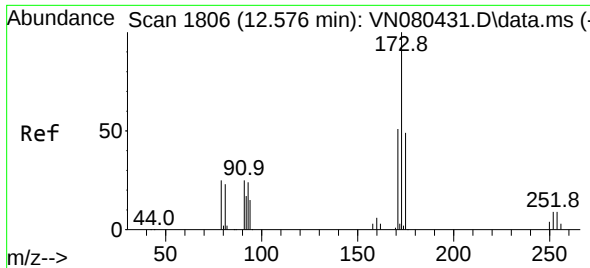


#70
Styrene
Concen: 18.184 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



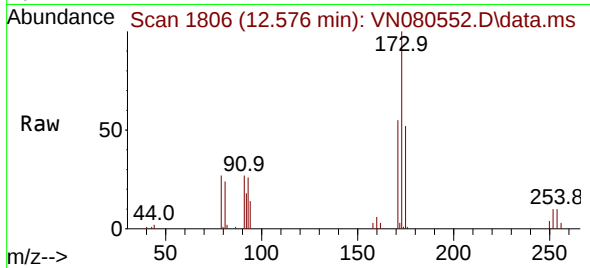
Tgt Ion:104 Resp: 144983
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 58.1 43.2 64.8





#71
Bromoform
Concen: 18.389 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

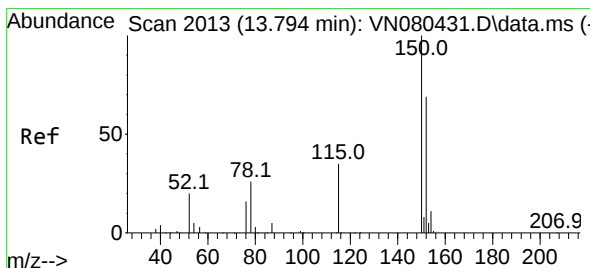
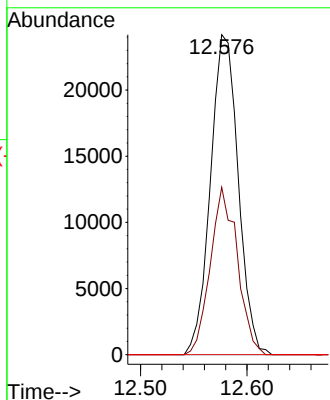
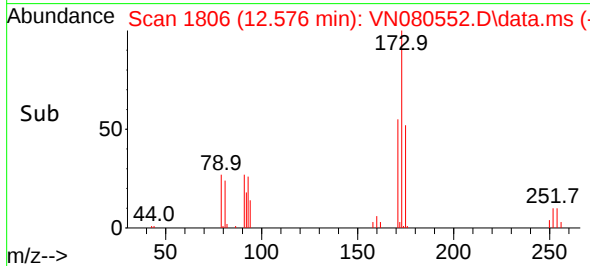
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



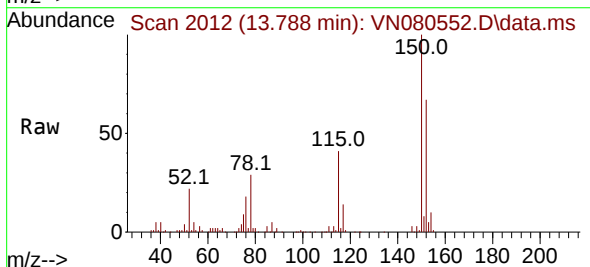
Tgt Ion:173 Resp: 43825
Ion Ratio Lower Upper
173 100
175 50.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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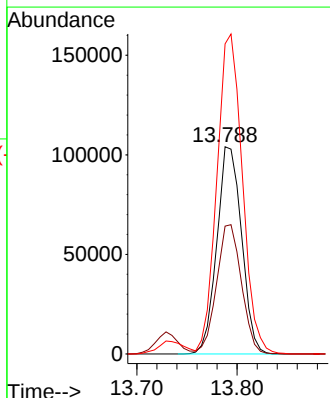
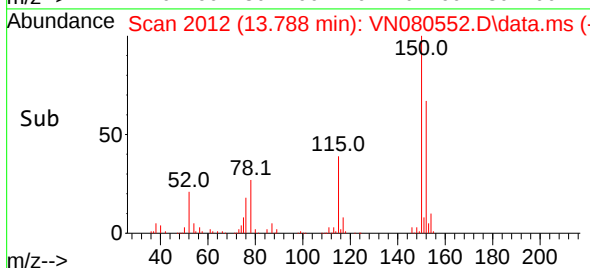
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

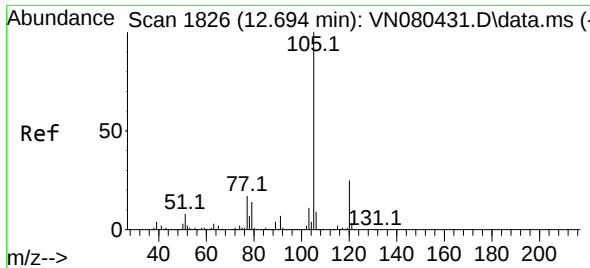


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



Tgt Ion:152 Resp: 177815
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 159.3 0.0 355.8





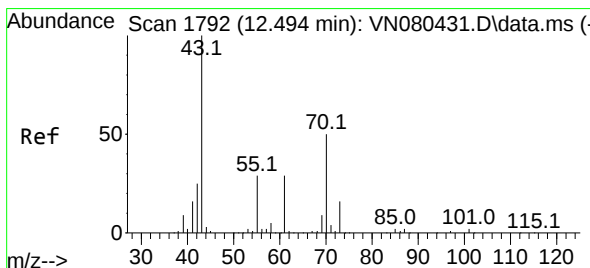
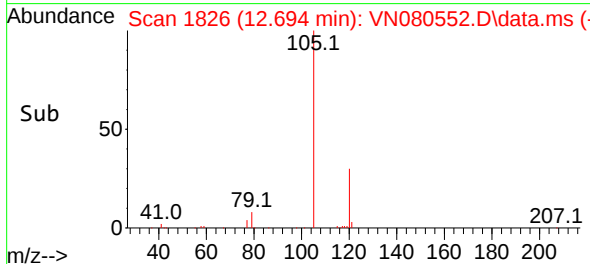
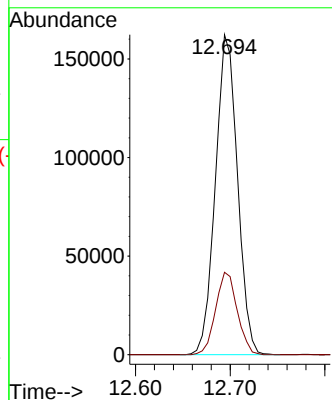
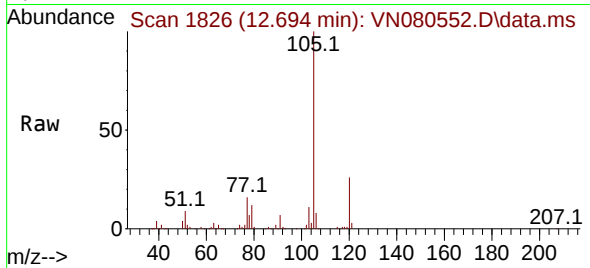
#73
Isopropylbenzene
Concen: 18.401 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01

Tgt Ion:105 Resp: 26285
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

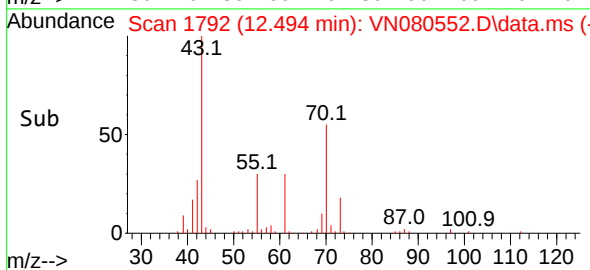
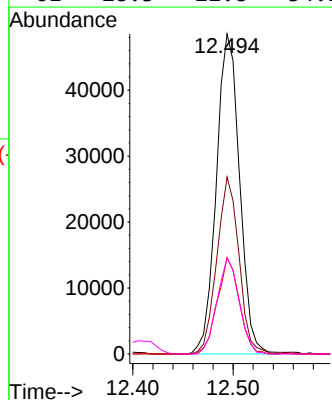
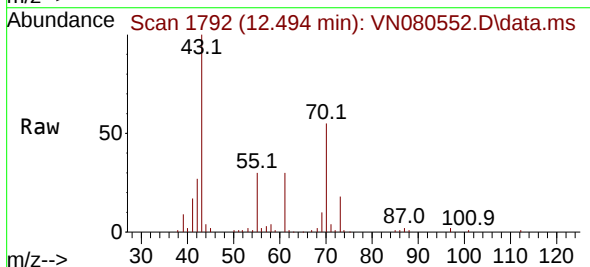
Manual Integrations
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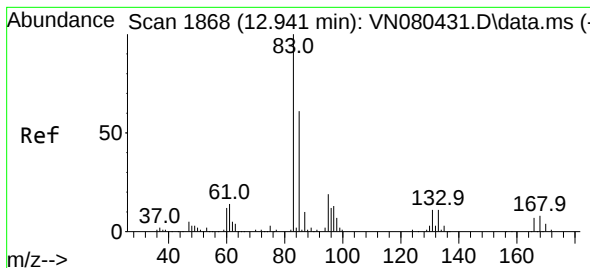
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#74
N-ethyl acetate
Concen: 18.691 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 43 Resp: 77965
Ion Ratio Lower Upper
43 100
70 52.3 43.4 65.2
55 28.5 21.4 32.0
61 28.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.091 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBSD01

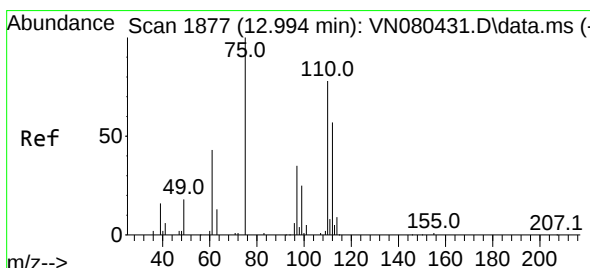
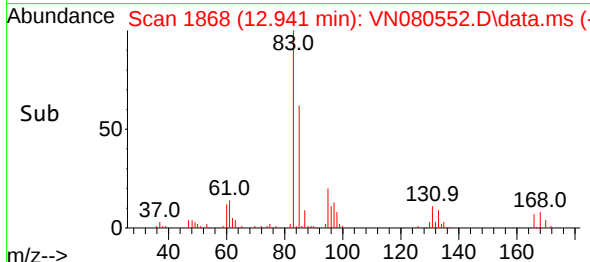
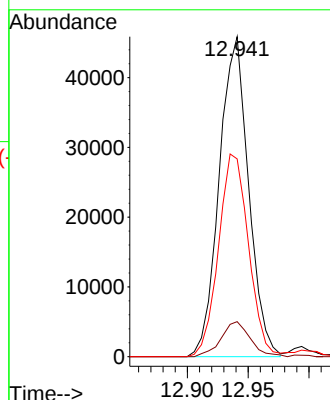
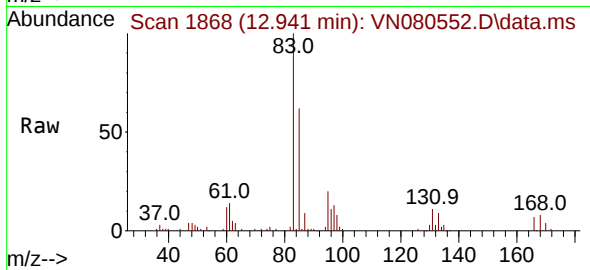
Tgt Ion: 83 Resp: 7690
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.0 15.0
 85 64.7 31.9 95.7

Manual Integrations

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Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#76

1,2,3-Trichloropropane

Concen: 20.242 ug/l m

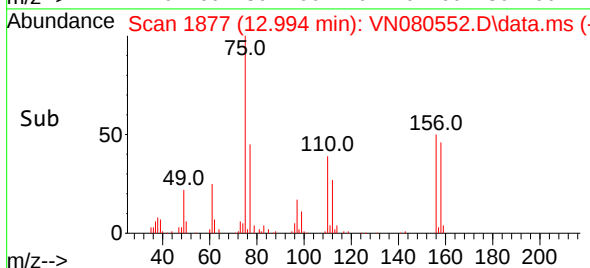
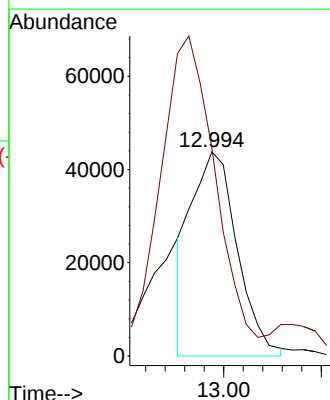
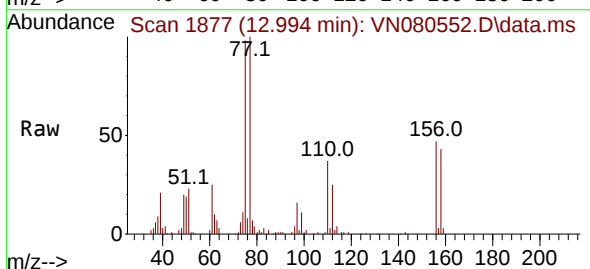
RT: 12.994 min Scan# 1877

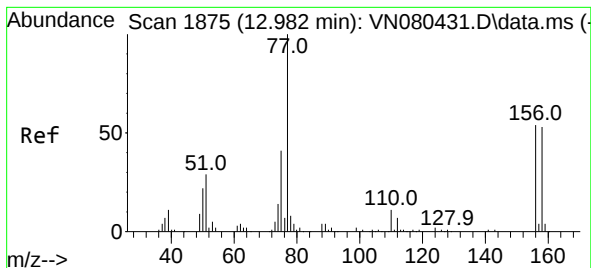
Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Tgt Ion: 75 Resp: 71804
 Ion Ratio Lower Upper
 75 100
 77 190.6 84.5 253.5





#77

Bromobenzene

Concen: 18.673 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

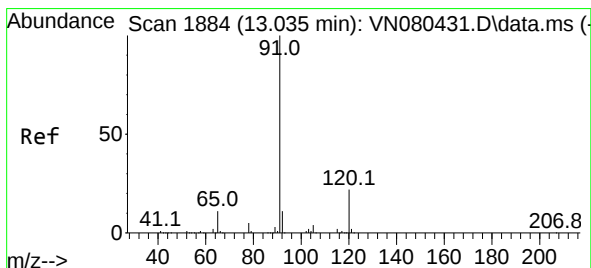
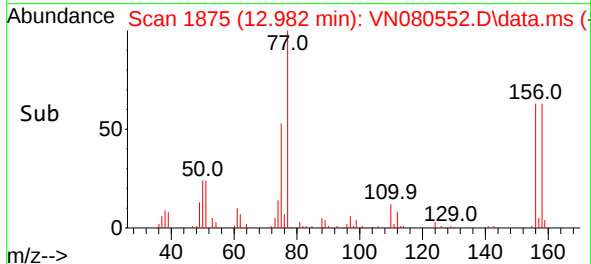
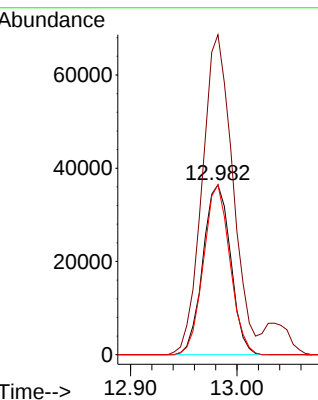
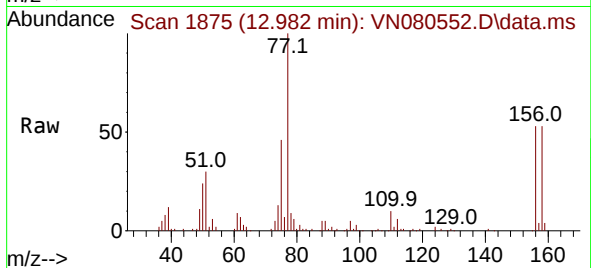
VN1220MBSD01

Tgt Ion:156 Resp: 6561
 Ion Ratio Lower Upper
 156 100
 77 208.5 107.7 323.3
 158 95.9 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#78

n-propylbenzene

Concen: 18.447 ug/l

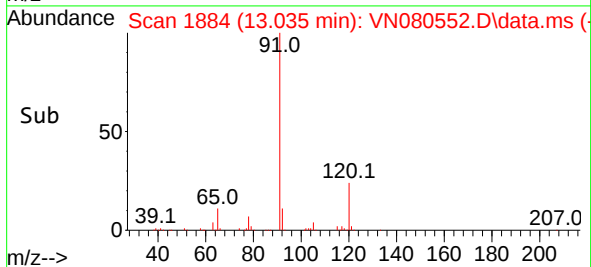
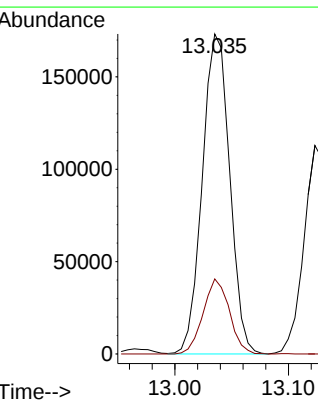
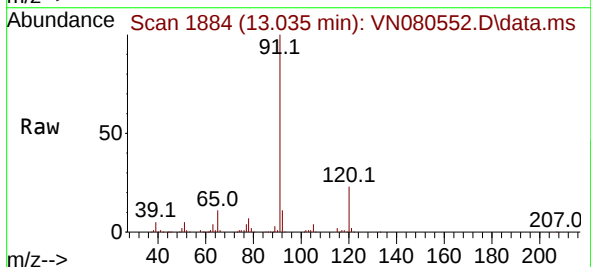
RT: 13.035 min Scan# 1884

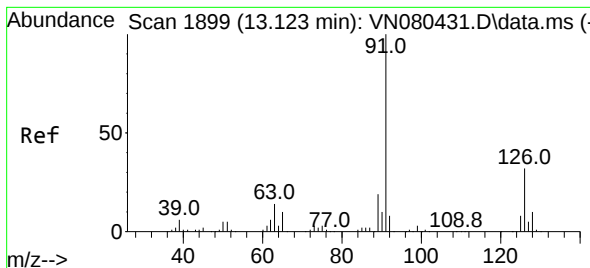
Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

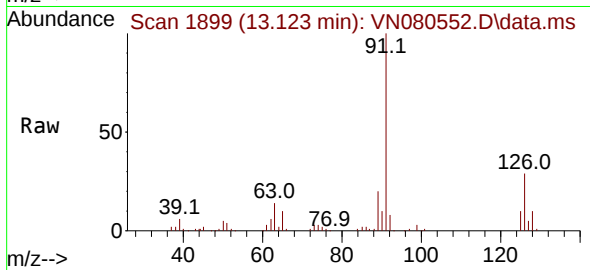
Tgt Ion: 91 Resp: 290532
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.555 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

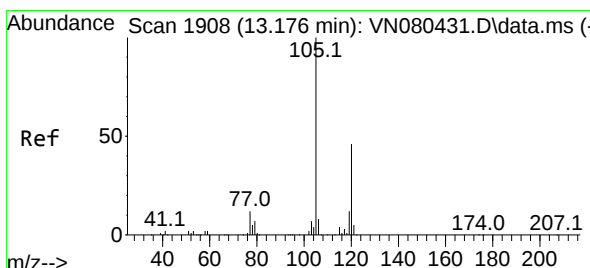
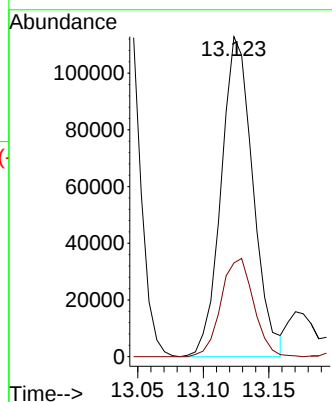
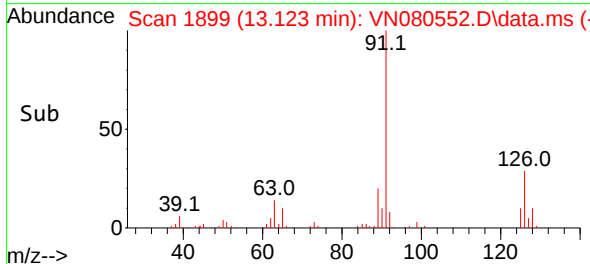
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



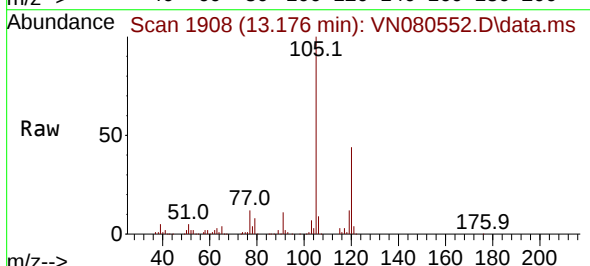
Tgt Ion: 91 Resp: 190785
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

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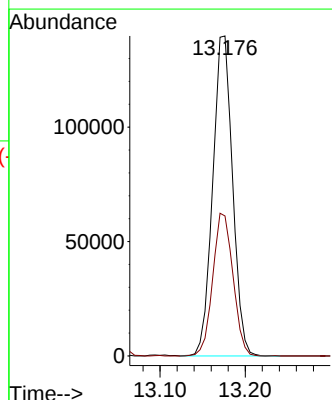
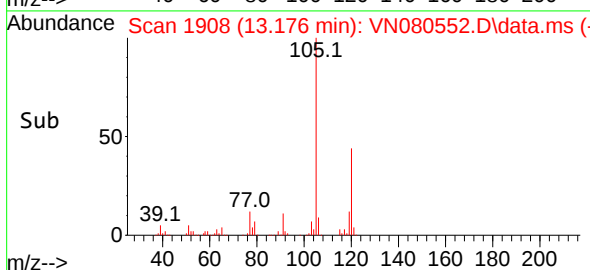
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

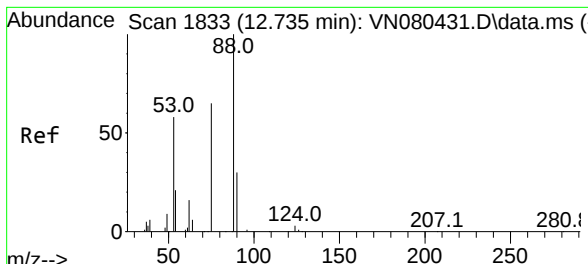


#80
1,3,5-Trimethylbenzene
Concen: 18.447 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



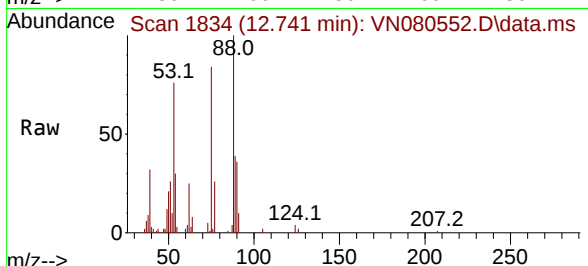
Tgt Ion:105 Resp: 226939
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.906 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

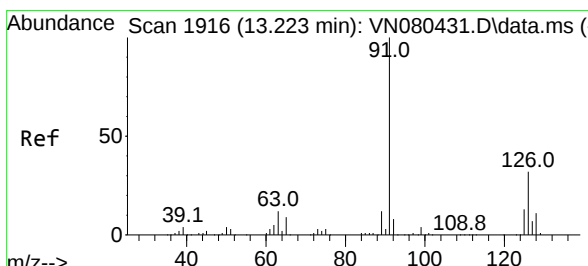
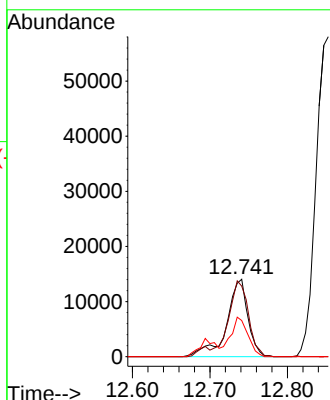
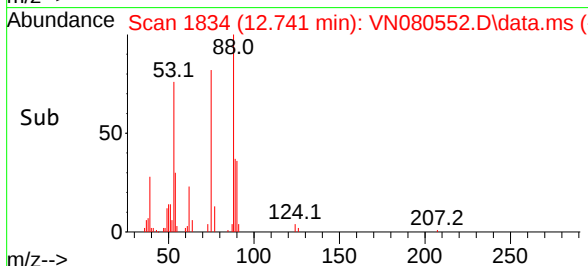
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 75 Resp: 2689
Ion Ratio Lower Upper
75 100
53 91.3 67.4 101.2
89 42.0 38.8 58.2

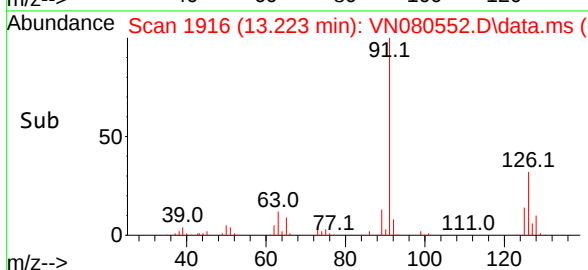
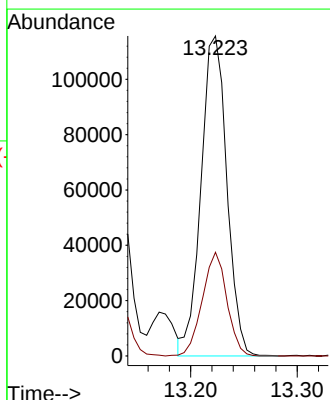
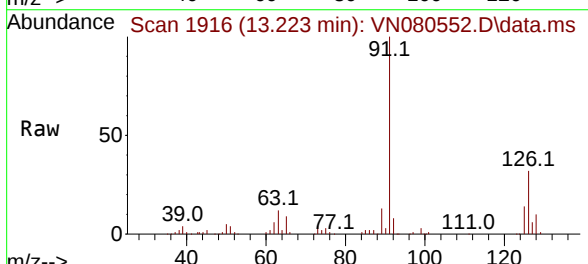
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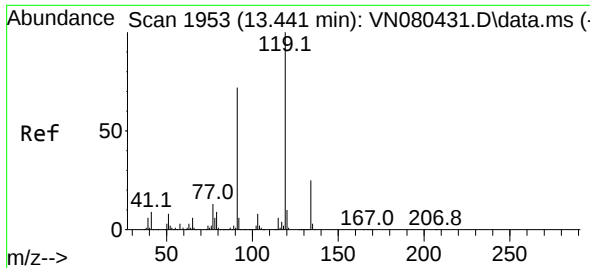
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#82
4-Chlorotoluene
Concen: 18.454 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 91 Resp: 195029
Ion Ratio Lower Upper
91 100
126 30.8 16.7 50.0





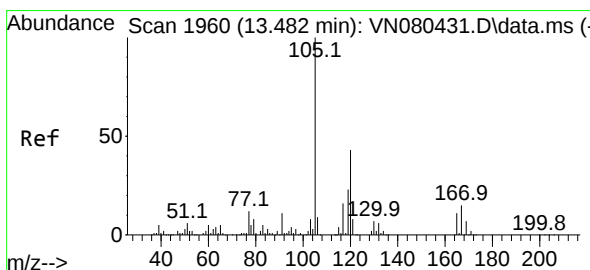
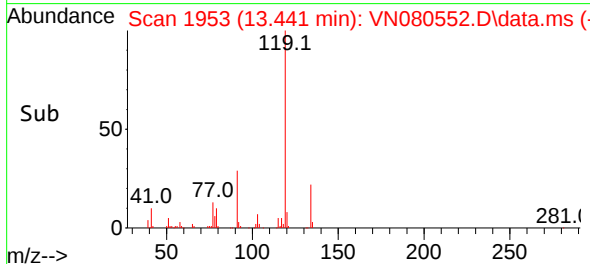
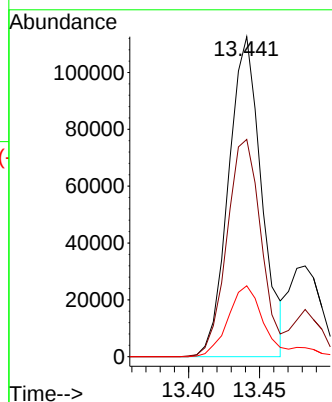
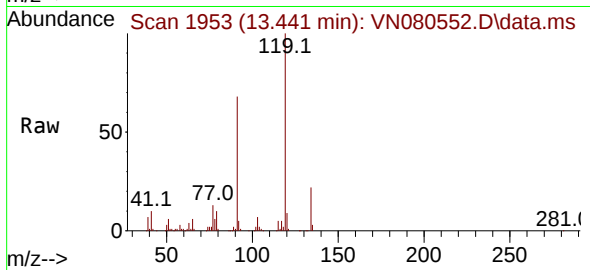
#83
tert-Butylbenzene
Concen: 18.082 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion:119 Resp: 182185
Ion Ratio Lower Upper
119 100
91 70.3 33.9 101.7
134 23.3 13.2 39.6

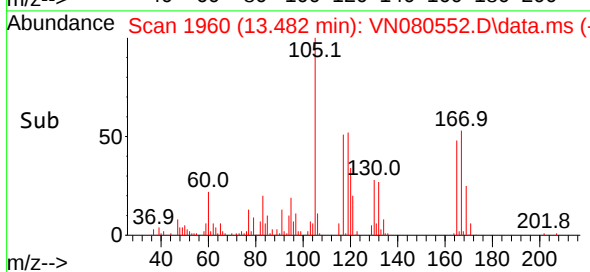
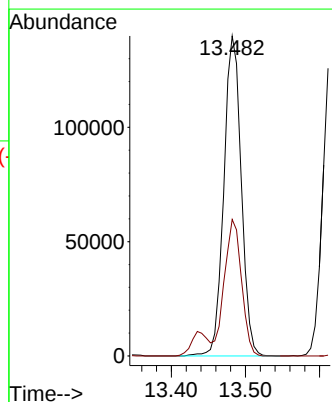
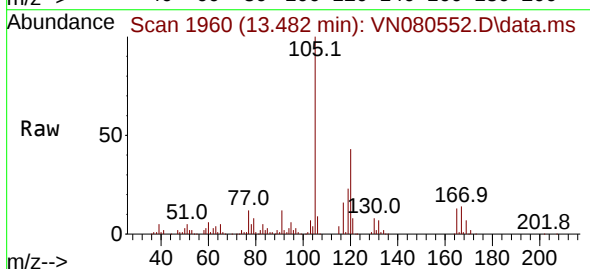
Manual Integrations
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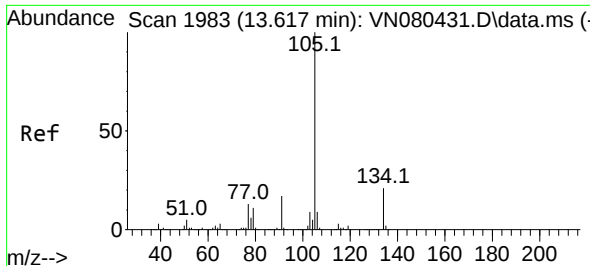
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.631 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:105 Resp: 228015
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0





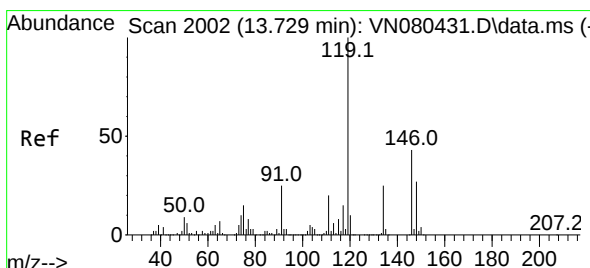
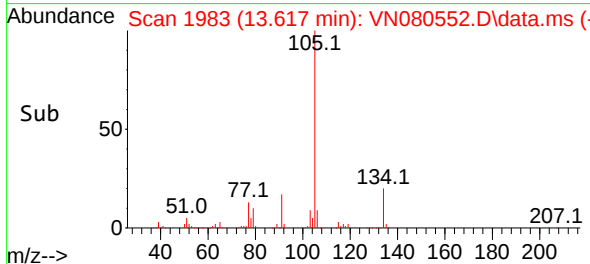
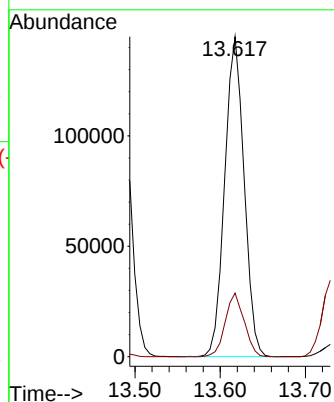
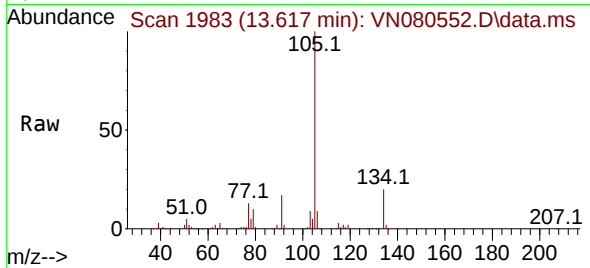
#85
 sec-Butylbenzene
 Concen: 17.777 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Tgt Ion:105 Resp: 229119
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

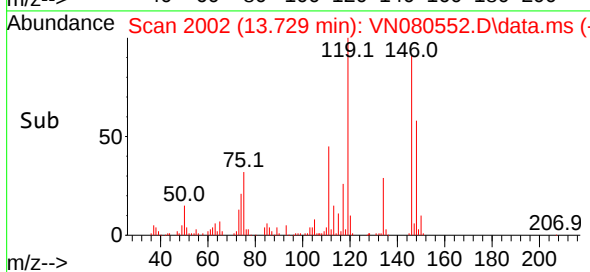
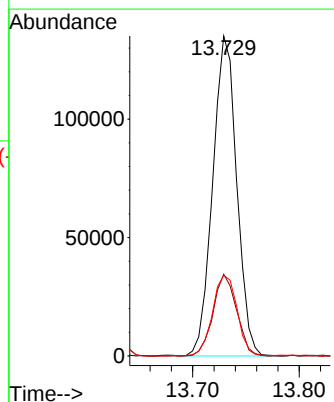
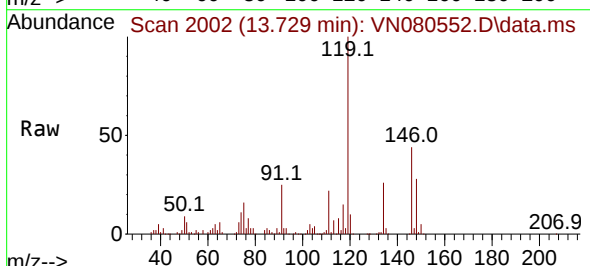
Manual Integrations
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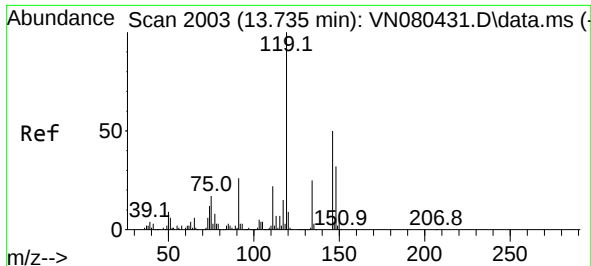
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#86
 p-Isopropyltoluene
 Concen: 18.138 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

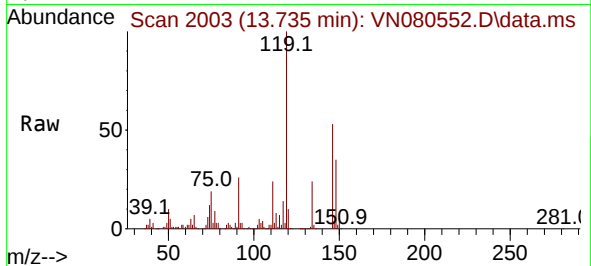
Tgt Ion:119 Resp: 211081
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 25.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.805 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

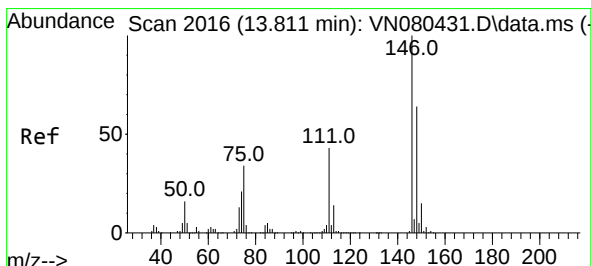
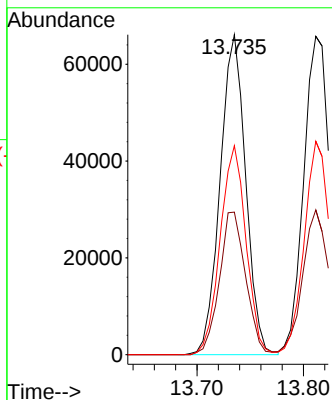
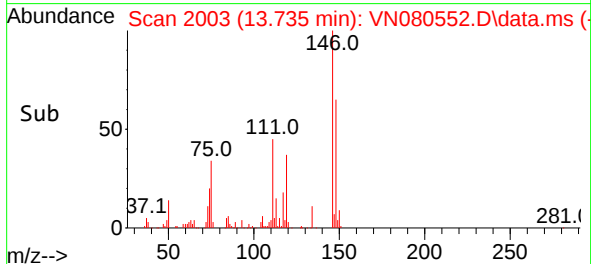
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



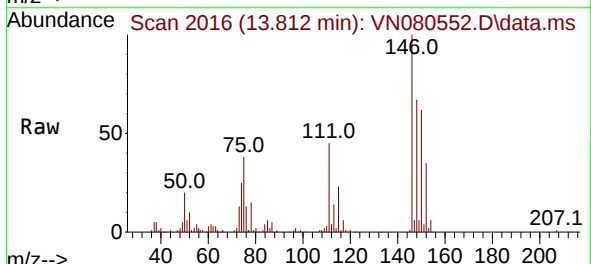
Tgt Ion:146 Resp: 110230
Ion Ratio Lower Upper
146 100
111 45.8 22.1 66.3
148 65.9 32.0 96.0

Manual Integrations
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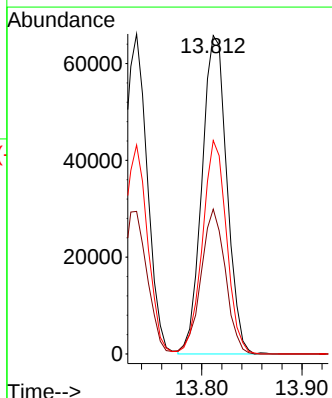
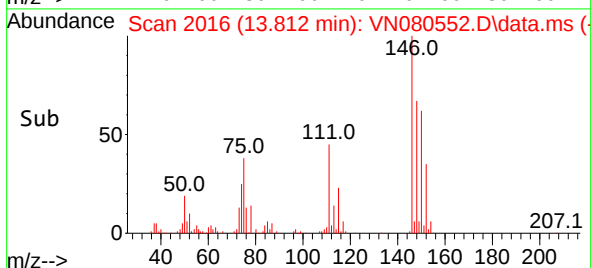
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

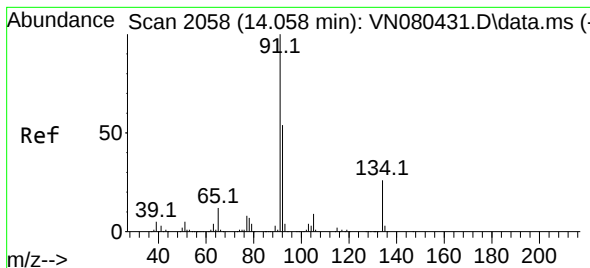


#88
1,4-Dichlorobenzene
Concen: 18.208 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



Tgt Ion:146 Resp: 113789
Ion Ratio Lower Upper
146 100
111 44.7 20.6 61.8
148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 16.973 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

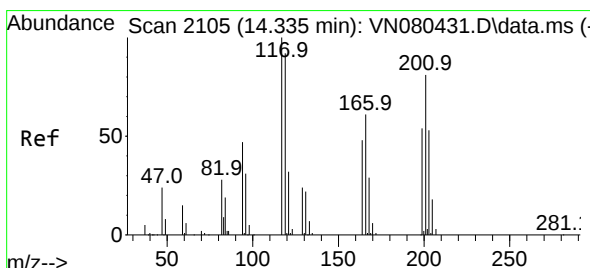
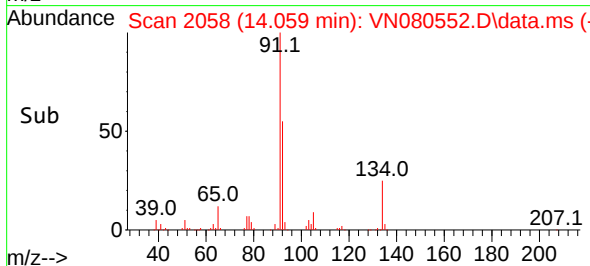
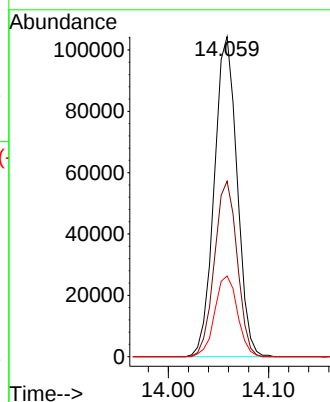
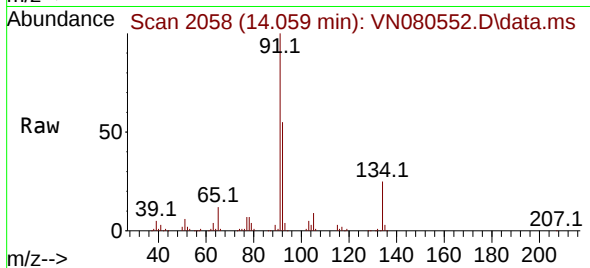
Tgt Ion:	91	Resp:	16494
Ion Ratio	Lower	Upper	
91	100		
92	54.5	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#90

Hexachloroethane

Concen: 17.739 ug/l

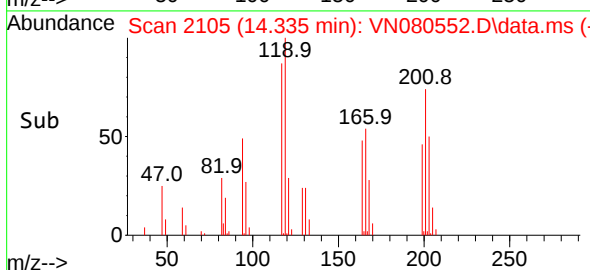
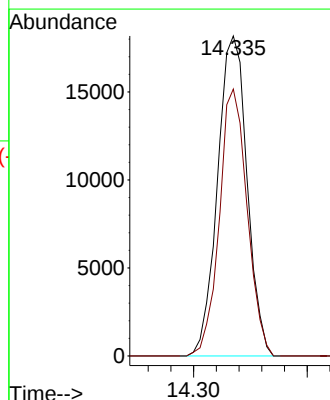
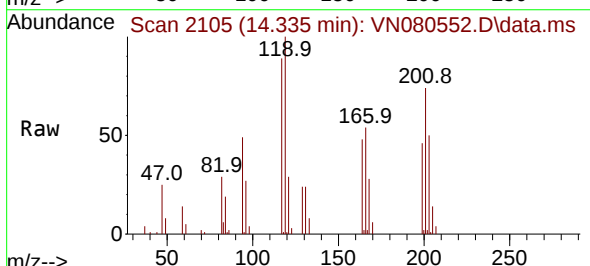
RT: 14.335 min Scan# 2105

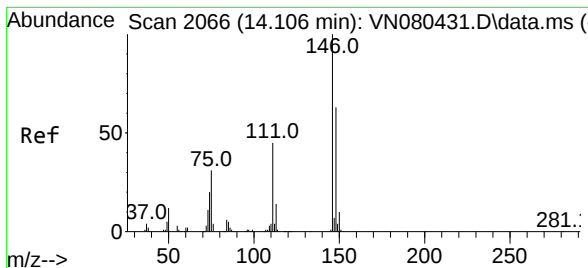
Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

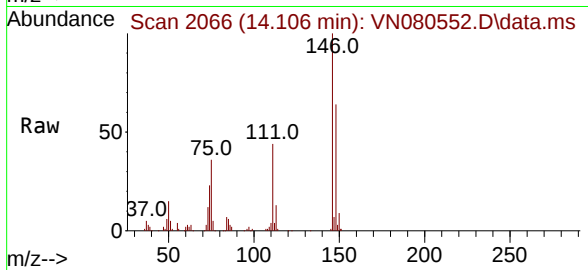
Tgt Ion:	117	Resp:	32784
Ion Ratio	Lower	Upper	
117	100		
201	78.6	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 18.427 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

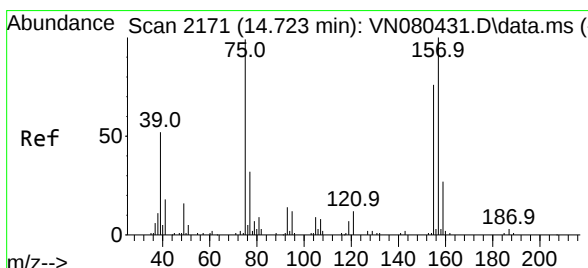
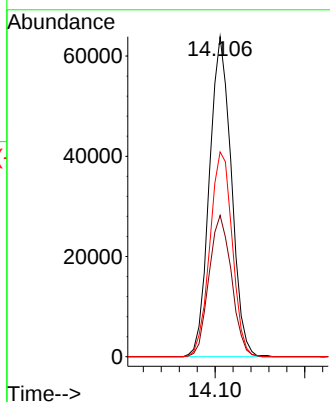
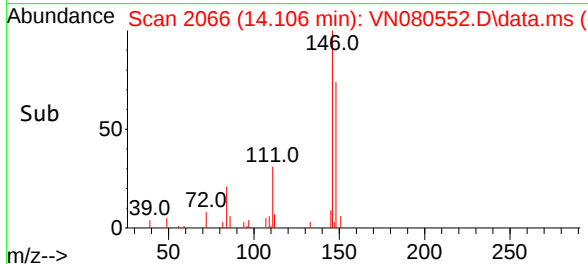
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBSD01



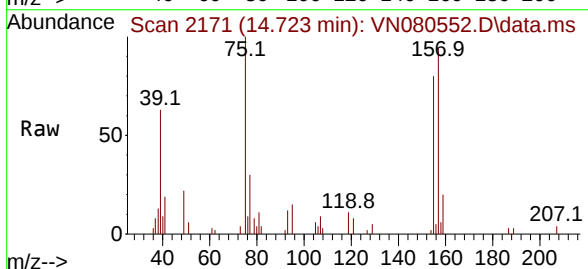
Tgt Ion:146 Resp: 10833
Ion Ratio Lower Upper
146 100
111 45.3 22.0 66.0
148 65.4 31.8 95.3

Manual Integrations
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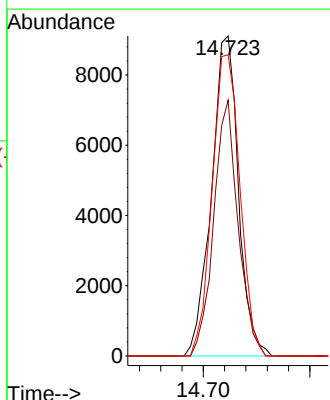
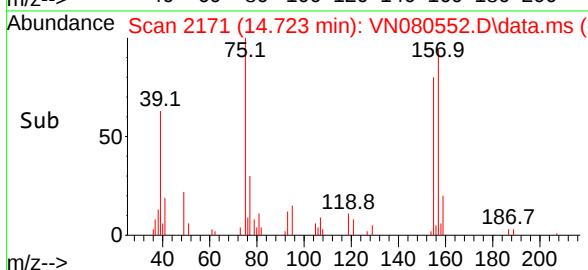
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

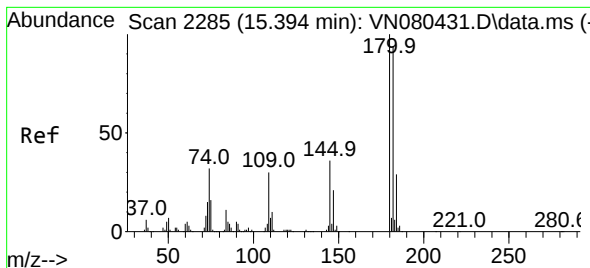


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.834 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



Tgt Ion: 75 Resp: 15969
Ion Ratio Lower Upper
75 100
155 72.4 39.1 117.2
157 97.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.682 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

Tgt Ion:180 Resp: 57710

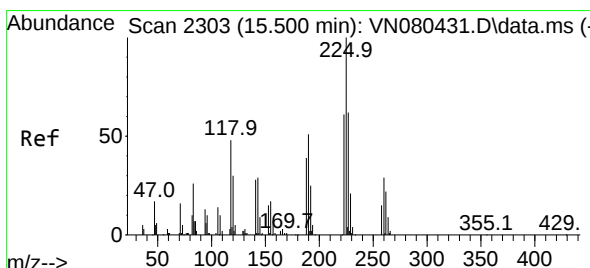
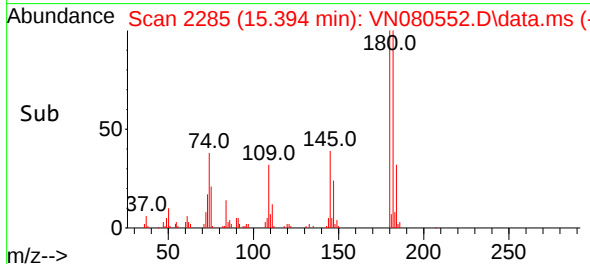
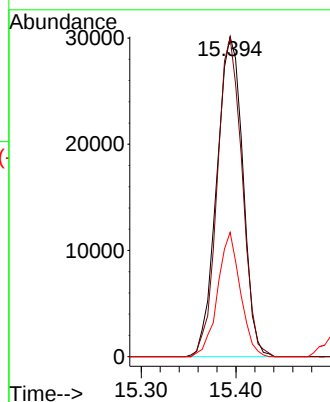
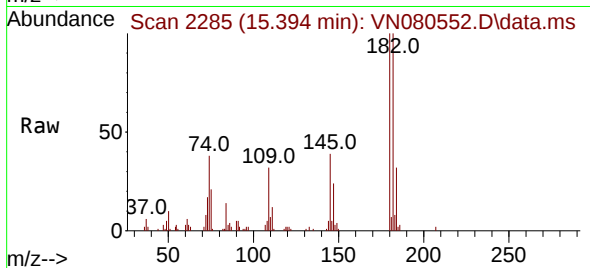
Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.1	138.2
145	33.7	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#94

Hexachlorobutadiene

Concen: 16.052 ug/l

RT: 15.500 min Scan# 2303

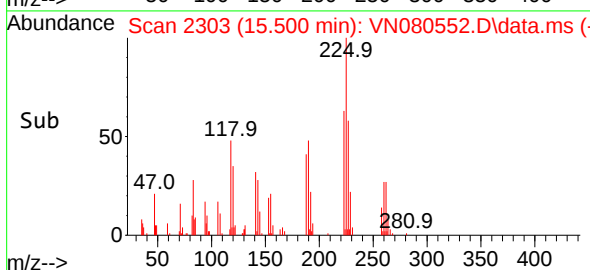
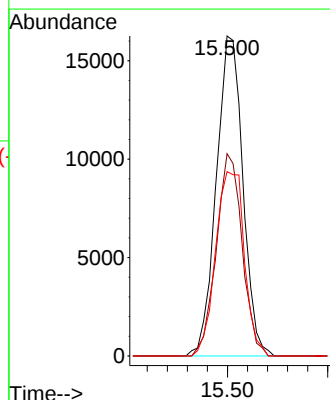
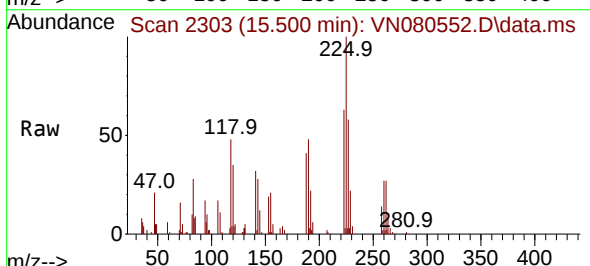
Delta R.T. 0.000 min

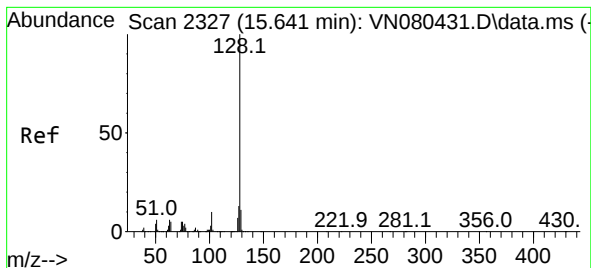
Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Tgt Ion:225 Resp: 29829

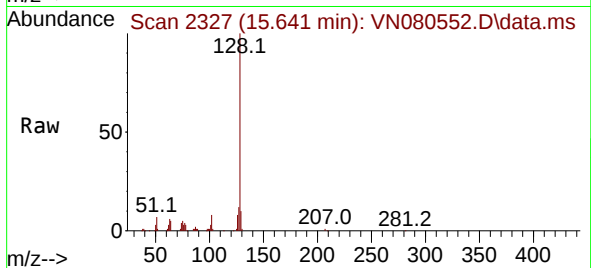
Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.3	93.8
227	62.4	31.9	95.9





#95
Naphthalene
Concen: 18.196 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

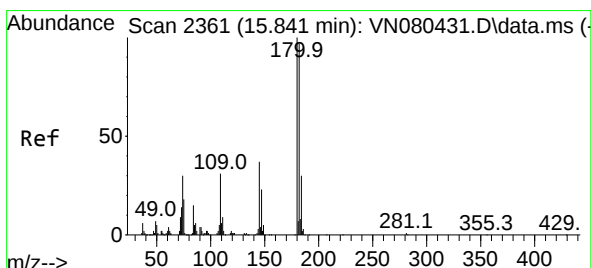
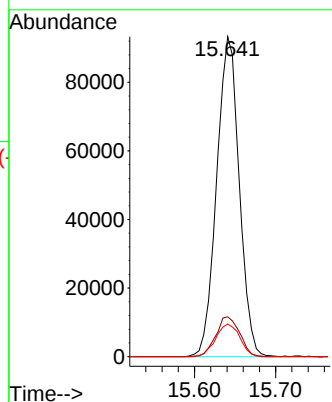
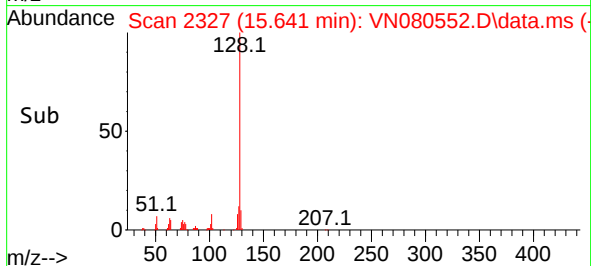
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



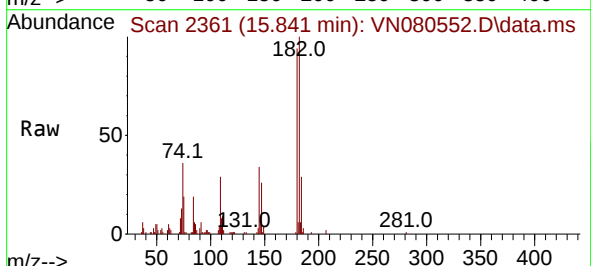
Tgt Ion:128 Resp: 18035
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.322 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18



Tgt Ion:180 Resp: 57711
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 35.6 17.5 52.6

