

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080575.D
 Acq On : 21 Dec 2023 15:51
 Operator : JC\MD
 Sample : VN1221MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2023
 Supervised By : Mahesh Dadoda 12/22/2023

Quant Time: Dec 22 04:02:02 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	324796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	540522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	459237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	224854	54.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.400%			
35) Dibromofluoromethane	8.165	113	182391	53.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.571	98	659287	51.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.847	95	234860	48.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70212	16.916	ug/l	98
3) Chloromethane	2.365	50	74523	16.881	ug/l	99
4) Vinyl Chloride	2.512	62	62473	17.624	ug/l	99
5) Bromomethane	2.959	94	29869	18.690	ug/l	95
6) Chloroethane	3.124	64	40327	17.705	ug/l	92
7) Trichlorofluoromethane	3.500	101	122258	17.005	ug/l	96
8) Diethyl Ether	3.965	74	44560	19.677	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	63107	18.519	ug/l	95
10) Methyl Iodide	4.589	142	47304	15.782	ug/l	99
11) Tert butyl alcohol	5.506	59	47444	97.109	ug/l	99
12) 1,1-Dichloroethene	4.342	96	64006	18.331	ug/l	88
13) Acrolein	4.177	56	63851	119.337	ug/l	99
14) Allyl chloride	5.018	41	85728	19.844	ug/l	97
15) Acrylonitrile	5.718	53	153028	110.852	ug/l	100
16) Acetone	4.418	43	98609	134.060	ug/l	99
17) Carbon Disulfide	4.712	76	162020	16.373	ug/l	97
18) Methyl Acetate	5.024	43	114972	24.292	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	231574	19.879	ug/l	100
20) Methylene Chloride	5.277	84	76321	19.388	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	69375	18.324	ug/l #	82
22) Diisopropyl ether	6.671	45	206648	22.163	ug/l	92
23) Vinyl Acetate	6.600	43	529935	98.960	ug/l	93
24) 1,1-Dichloroethane	6.565	63	130635	20.082	ug/l	97
25) 2-Butanone	7.483	43	167243	118.027	ug/l	93
26) 2,2-Dichloropropane	7.488	77	118126	17.758	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	82908	19.346	ug/l	90
28) Bromochloromethane	7.812	49	55088	22.056	ug/l	94
29) Tetrahydrofuran	7.835	42	103547	102.049	ug/l	92
30) Chloroform	7.965	83	141552	19.603	ug/l	91
31) Cyclohexane	8.259	56	98498	17.460	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	128234	18.138	ug/l	97
36) 1,1-Dichloropropene	8.371	75	98670	17.608	ug/l	96
37) Ethyl Acetate	7.559	43	72867	20.766	ug/l	98
38) Carbon Tetrachloride	8.365	117	108784	16.247	ug/l	98
39) Methylcyclohexane	9.606	83	90557	15.556	ug/l	90
40) Benzene	8.606	78	304354	18.809	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	41073	20.304	ug/l	93
42) 1,2-Dichloroethane	8.671	62	108256	18.067	ug/l	99
43) Isopropyl Acetate	8.688	43	126846	20.105	ug/l	97
44) Trichloroethene	9.353	130	76480	17.532	ug/l	97
45) 1,2-Dichloropropane	9.624	63	76850	20.221	ug/l	97
46) Dibromomethane	9.706	93	51356	18.817	ug/l	92
47) Bromodichloromethane	9.888	83	108663	18.577	ug/l	94
48) Methyl methacrylate	9.682	41	70615	18.755	ug/l	90
49) 1,4-Dioxane	9.694	88	21330	373.763	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	361186	103.946	ug/l	100
52) Toluene	10.629	92	188684	18.458	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	113259	17.896	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	119398	17.651	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	73216	19.906	ug/l	95
56) Ethyl methacrylate	10.876	69	74956	18.407	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	125618	19.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	222134	86.407	ug/l	96
59) 2-Hexanone	11.194	43	262883	102.479	ug/l	98
60) Dibromochloromethane	11.359	129	79970	18.348	ug/l	100
61) 1,2-Dibromoethane	11.471	107	70940	18.635	ug/l	97
64) Tetrachloroethene	11.106	164	62467	17.618	ug/l	97
65) Chlorobenzene	11.894	112	192676	18.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	73242	18.272	ug/l	94
67) Ethyl Benzene	11.965	91	333935	17.777	ug/l	96
68) m/p-Xylenes	12.071	106	247674	35.682	ug/l	91
69) o-Xylene	12.400	106	124062	18.273	ug/l	94
70) Styrene	12.412	104	179102	18.314	ug/l	94
71) Bromoform	12.576	173	51820	17.727	ug/l #	99
73) Isopropylbenzene	12.694	105	308387	18.549	ug/l	99
74) N-amyl acetate	12.494	43	98621	20.314	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	92272	20.712	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	82635m	20.015	ug/l	
77) Bromobenzene	12.982	156	76765	18.770	ug/l	98
78) n-propylbenzene	13.035	91	342575	18.689	ug/l	98
79) 2-Chlorotoluene	13.123	91	223128	18.645	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	261039	18.231	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	29129m	18.524	ug/l	
82) 4-Chlorotoluene	13.223	91	221073	17.972	ug/l	98
83) tert-Butylbenzene	13.441	119	213117	18.174	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	265991	18.673	ug/l	98
85) sec-Butylbenzene	13.617	105	264616	17.640	ug/l	99
86) p-Isopropyltoluene	13.729	119	241909	17.860	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	130157	18.063	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	133898	18.408	ug/l	98
89) n-Butylbenzene	14.059	91	202922	17.940	ug/l	99
90) Hexachloroethane	14.335	117	38585	17.938	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	127443	18.625	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17918	19.121	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	70257	18.493	ug/l	98
94) Hexachlorobutadiene	15.500	225	34438	15.923	ug/l	99
95) Naphthalene	15.641	128	222974	19.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	68290	18.627	ug/l	98

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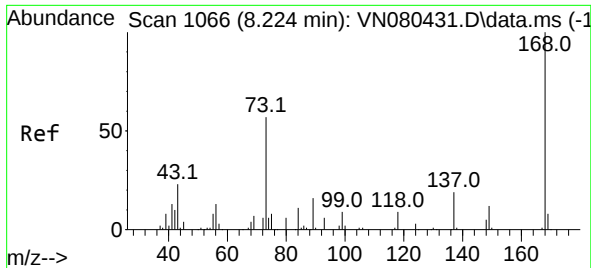
Manual Integrations
APPROVED

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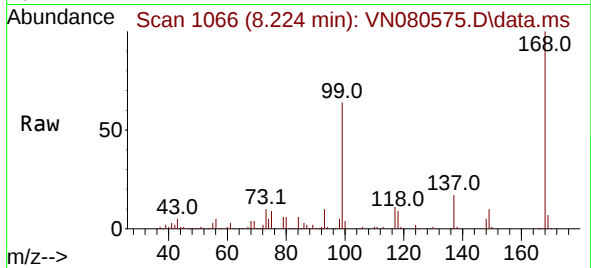
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
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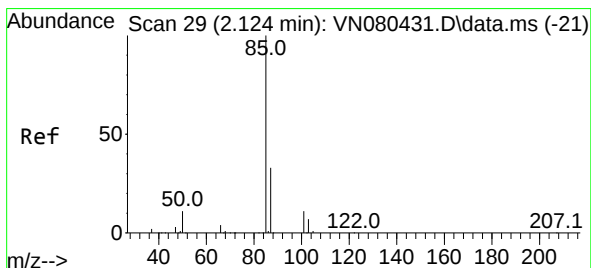
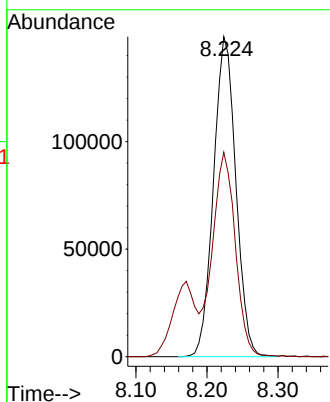
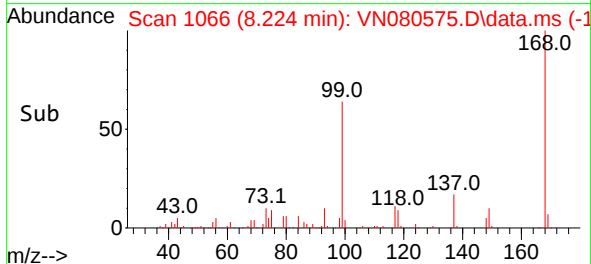
Instrument : MSVOA_N
 ClientSampleId : VN1221MBSD01



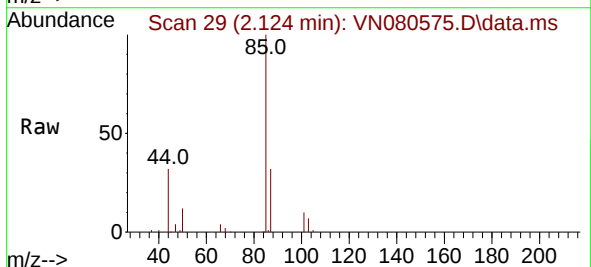
Tgt Ion:168 Resp: 324790
 Ion Ratio Lower Upper
 168 100
 99 63.7 53.0 79.6

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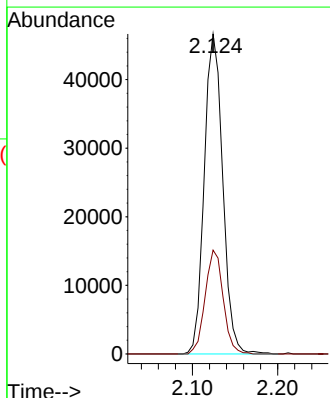
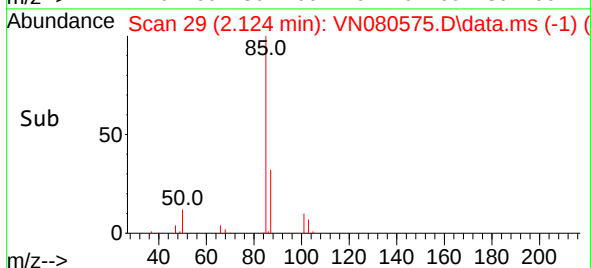
Reviewed By :John Carlone 12/22/2023
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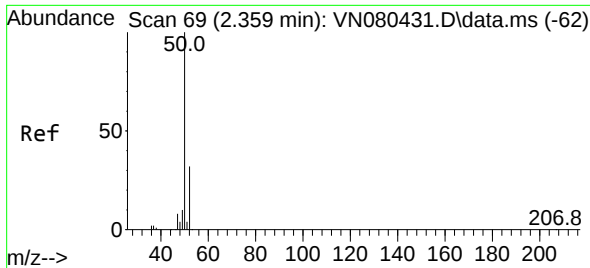


#2
 Dichlorodifluoromethane
 Concen: 16.916 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51



Tgt Ion: 85 Resp: 70212
 Ion Ratio Lower Upper
 85 100
 87 32.4 15.8 47.4





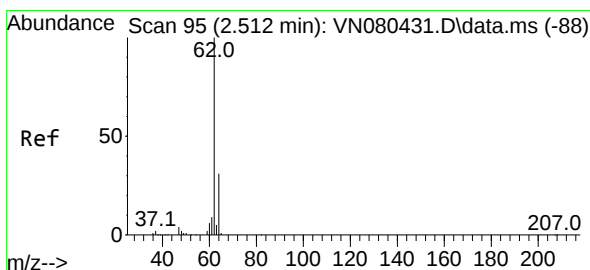
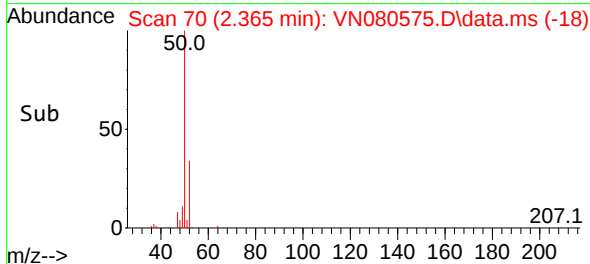
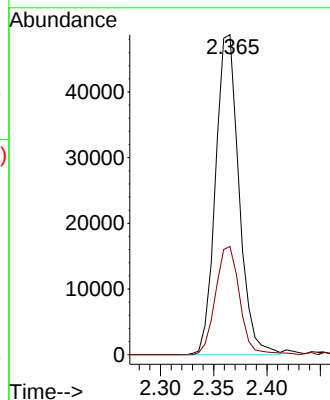
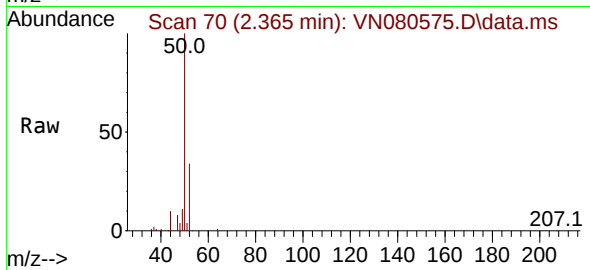
#3
Chloromethane
Concen: 16.881 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
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Tgt Ion: 50 Resp: 7452
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

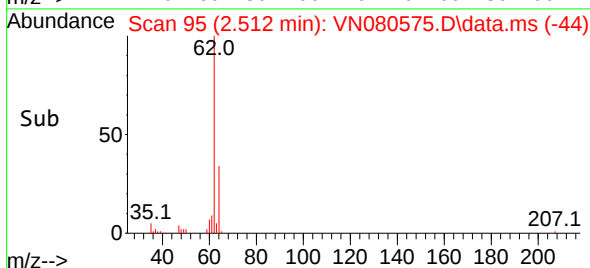
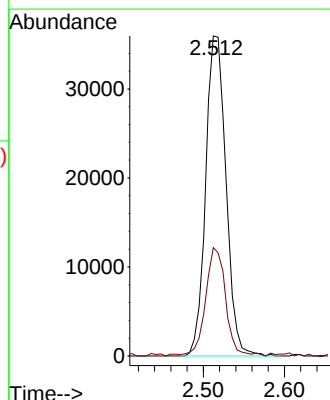
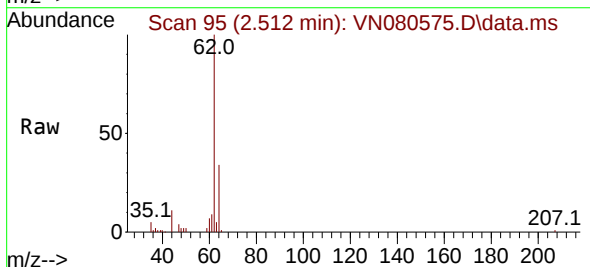
Manual Integrations
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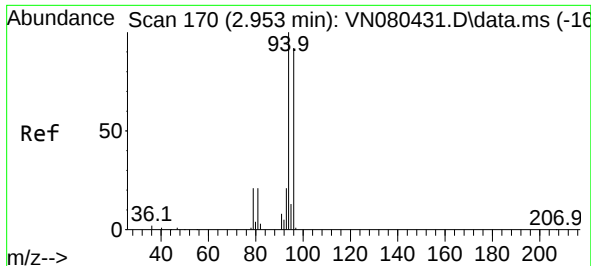
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#4
Vinyl Chloride
Concen: 17.624 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

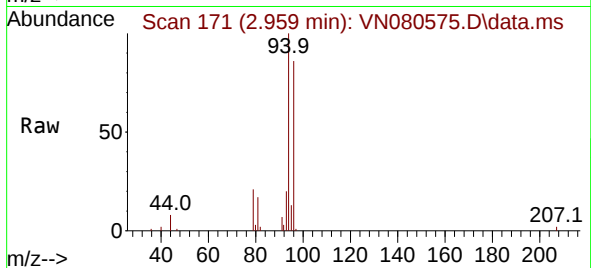
Tgt Ion: 62 Resp: 62473
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2





#5
Bromomethane
Concen: 18.690 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

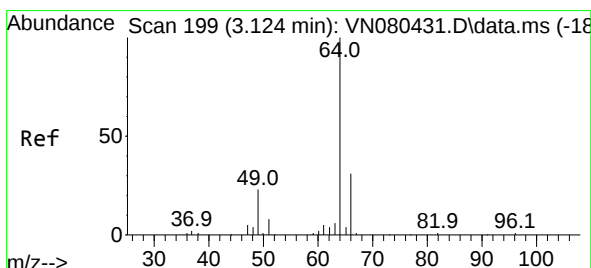
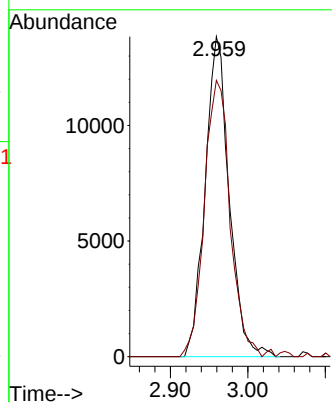
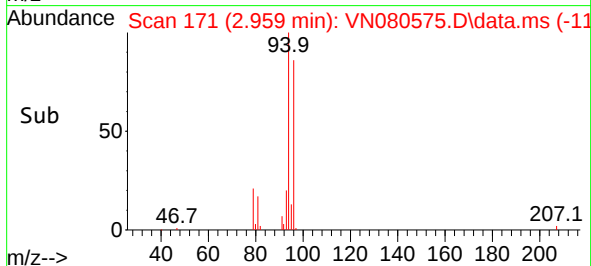
Instrument :
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Tgt Ion: 94 Resp: 2986
Ion Ratio Lower Upper
94 100
96 86.4 73.1 109.7

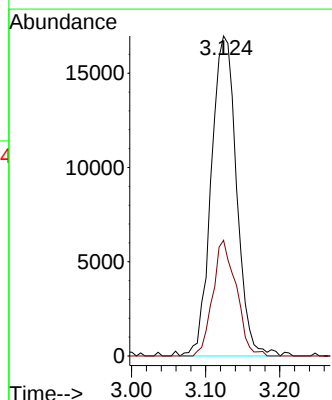
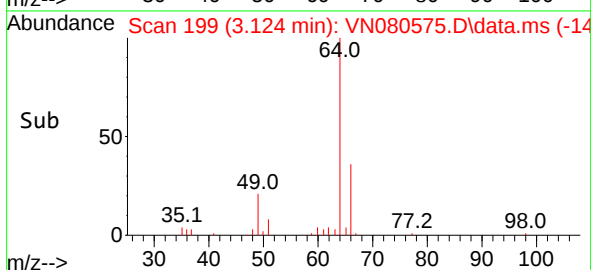
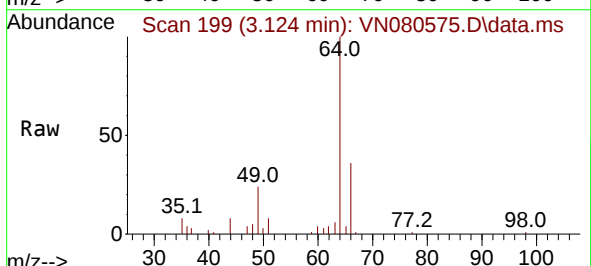
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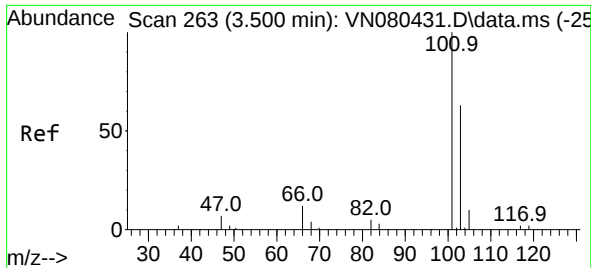
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#6
Chloroethane
Concen: 17.705 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080575.D
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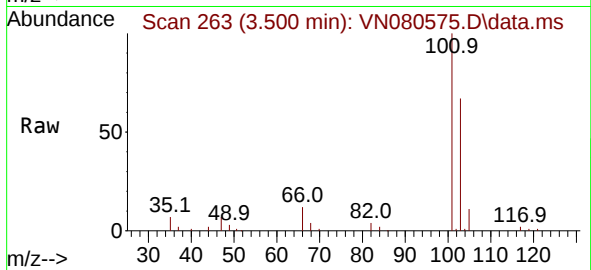
Tgt Ion: 64 Resp: 40327
Ion Ratio Lower Upper
64 100
66 36.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.005 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51

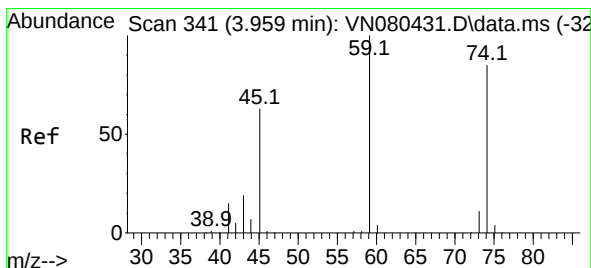
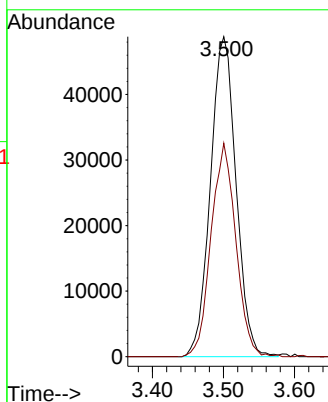
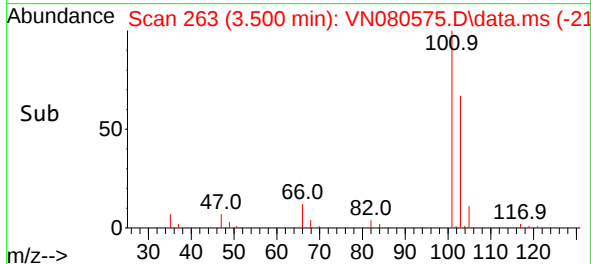
Instrument :
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 VN1221MBSD01



Tgt Ion:101 Resp: 122258
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.7 76.1

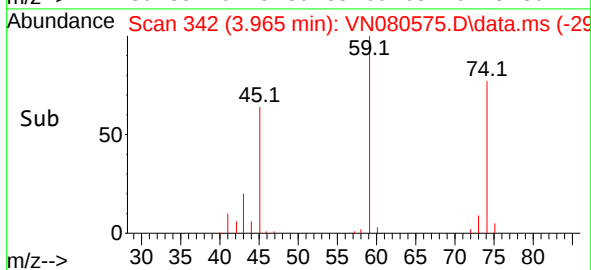
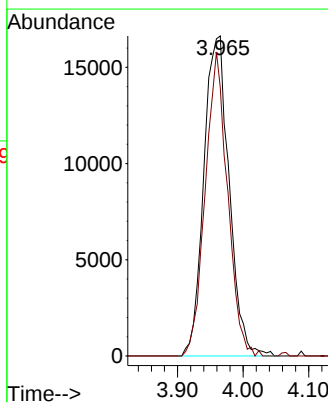
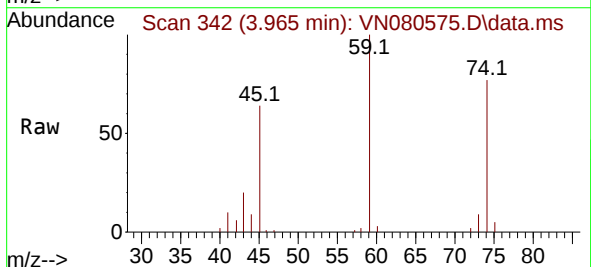
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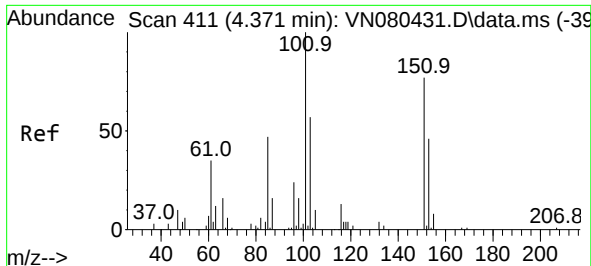
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#8
 Diethyl Ether
 Concen: 19.677 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51

Tgt Ion: 74 Resp: 44560
 Ion Ratio Lower Upper
 74 100
 45 83.8 34.4 103.3





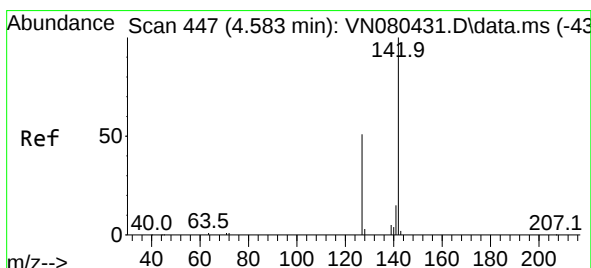
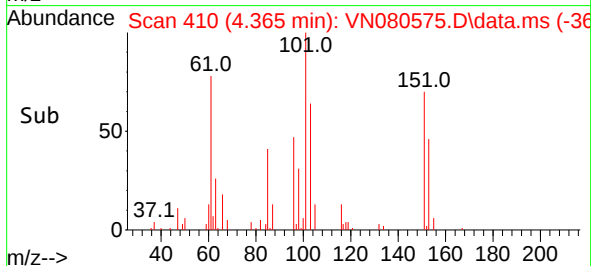
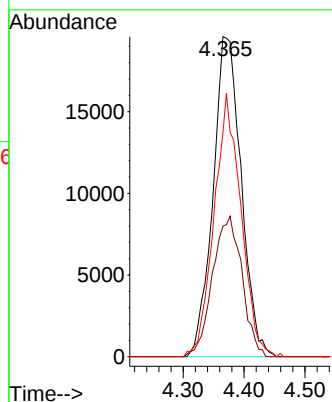
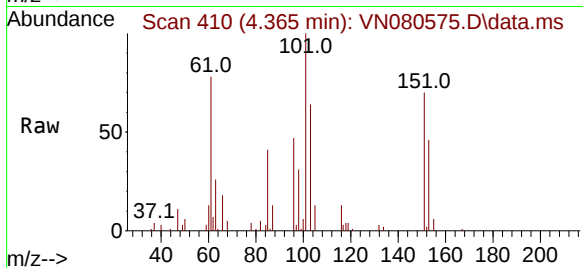
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.519 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion:101 Resp: 6310
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.3 57.6 86.4

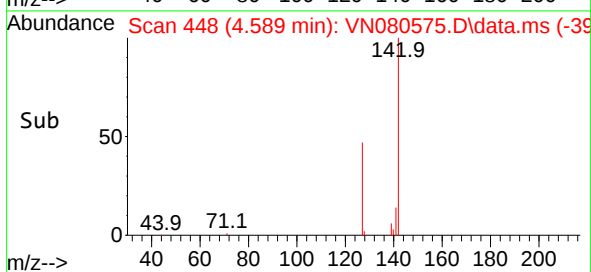
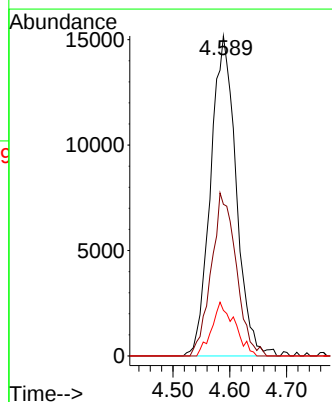
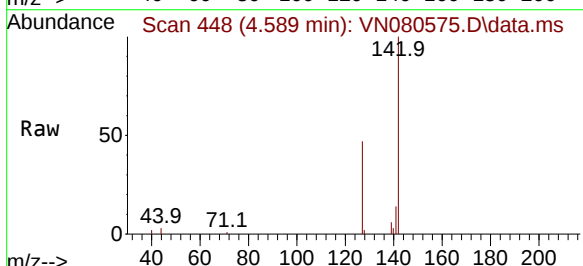
Manual Integrations
APPROVED

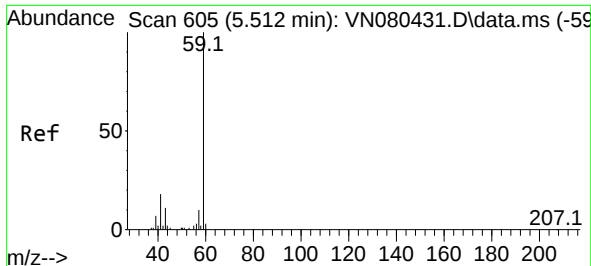
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#10
Methyl Iodide
Concen: 15.782 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

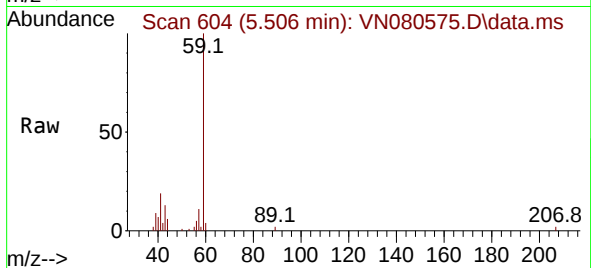
Tgt Ion:142 Resp: 47304
Ion Ratio Lower Upper
142 100
127 47.4 37.6 56.4
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 97.109 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

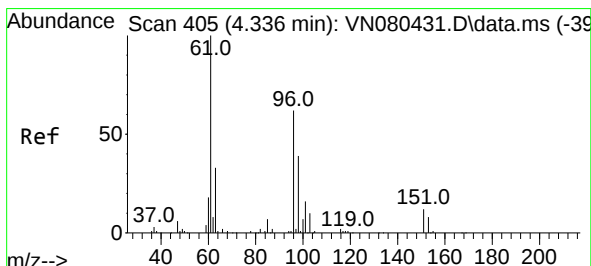
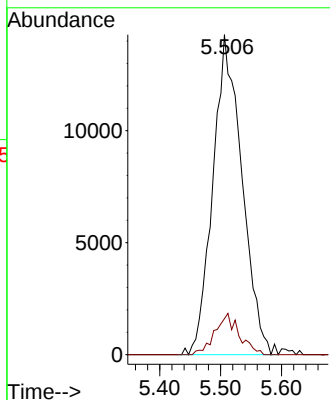
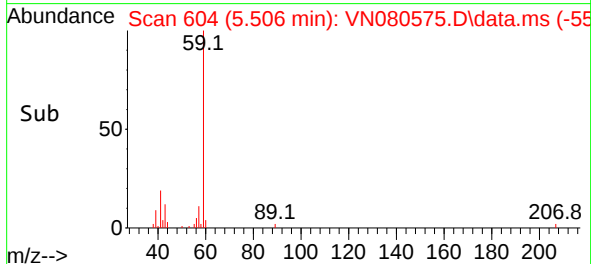
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



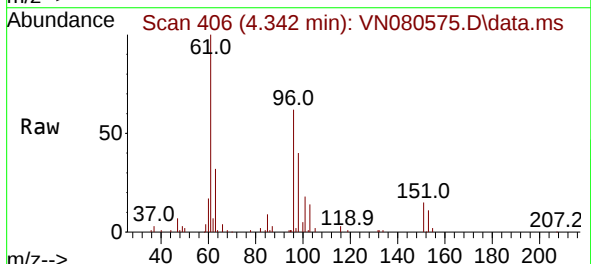
Tgt Ion: 59 Resp: 4744
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
APPROVED

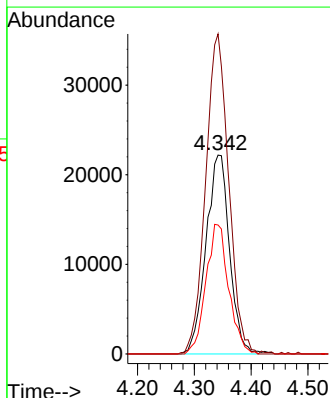
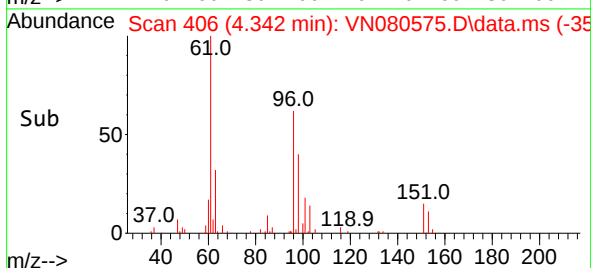
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

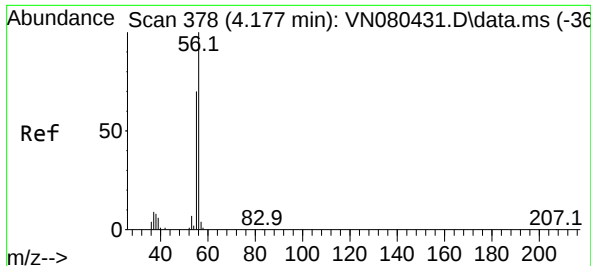


#12
1,1-Dichloroethene
Concen: 18.331 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



Tgt Ion: 96 Resp: 64006
Ion Ratio Lower Upper
96 100
61 160.9 112.7 169.1
98 64.9 51.2 76.8





#13

Acrolein

Concen: 119.337 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBSD01

Tgt Ion: 56 Resp: 6385

Ion Ratio Lower Upper

56 100

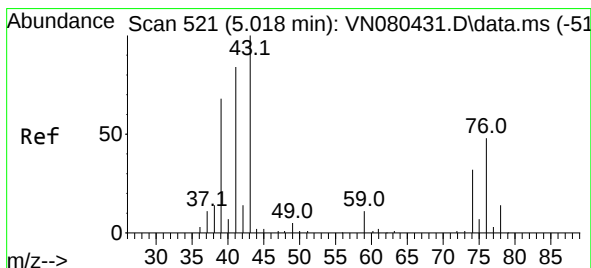
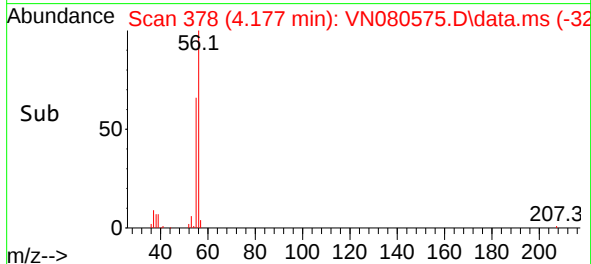
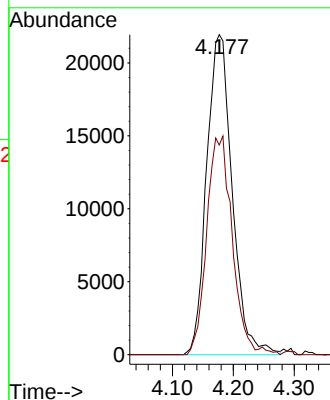
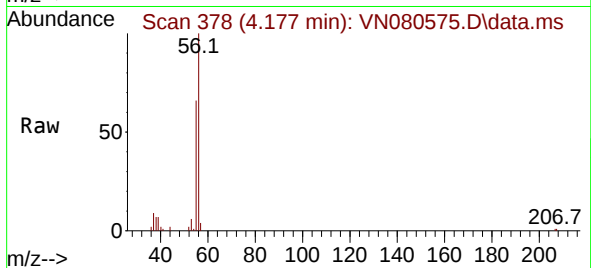
55 67.6 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#14

Allyl chloride

Concen: 19.844 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

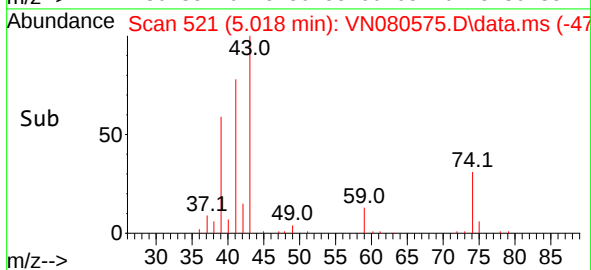
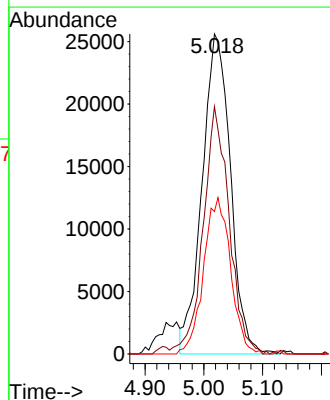
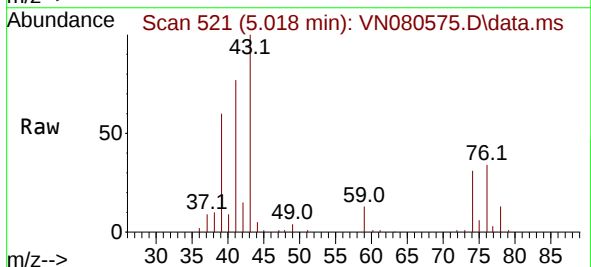
Tgt Ion: 41 Resp: 85728

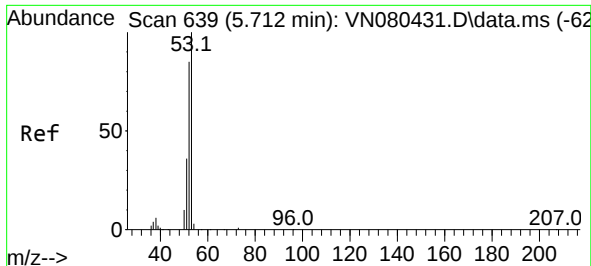
Ion Ratio Lower Upper

41 100

39 70.8 58.8 88.2

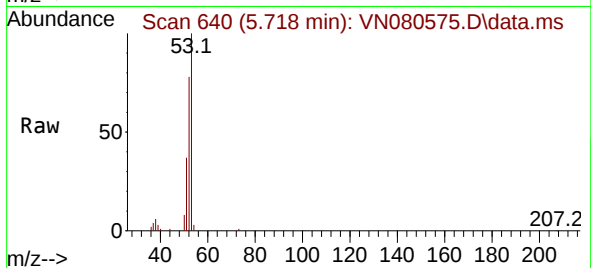
76 46.5 39.1 58.7





#15
Acrylonitrile
Concen: 110.852 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

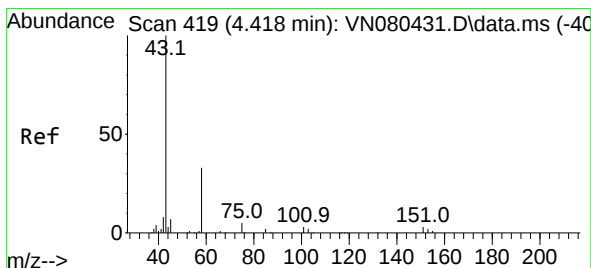
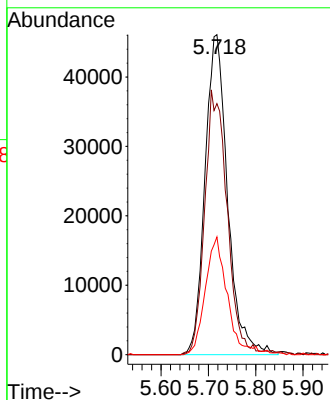
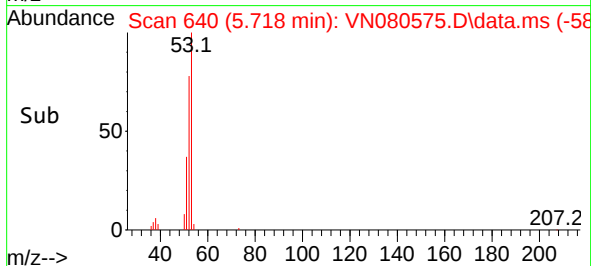
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



Tgt Ion: 53 Resp: 153028
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.2 28.9 43.3

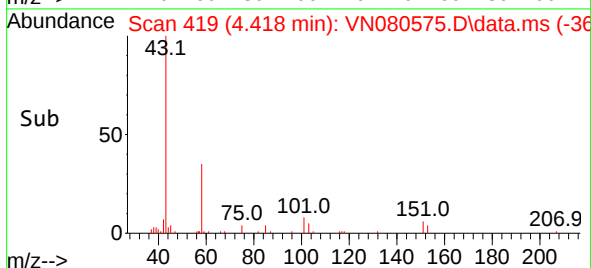
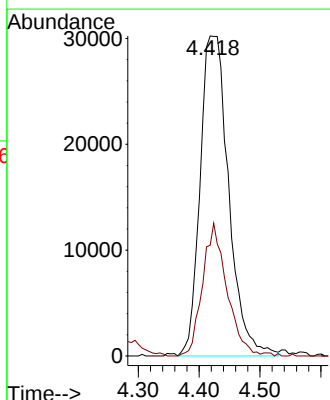
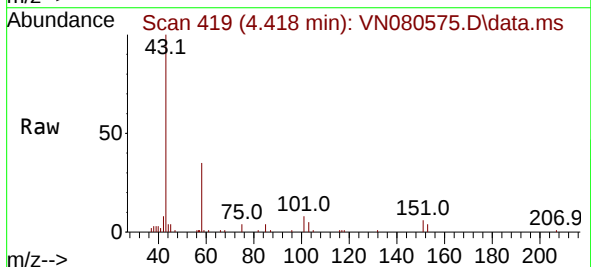
Manual Integrations
APPROVED

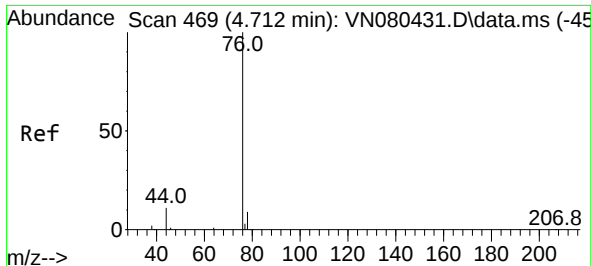
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#16
Acetone
Concen: 134.060 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

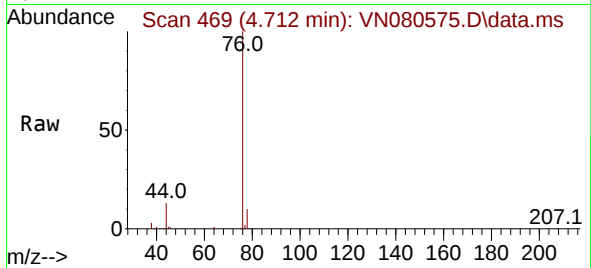
Tgt Ion: 43 Resp: 98609
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0





#17
Carbon Disulfide
Concen: 16.373 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

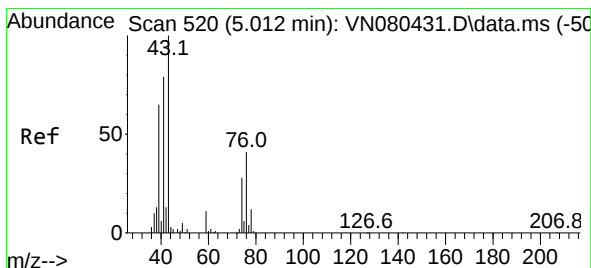
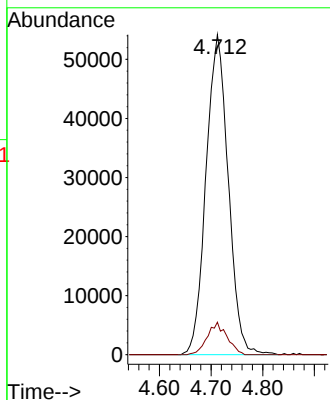
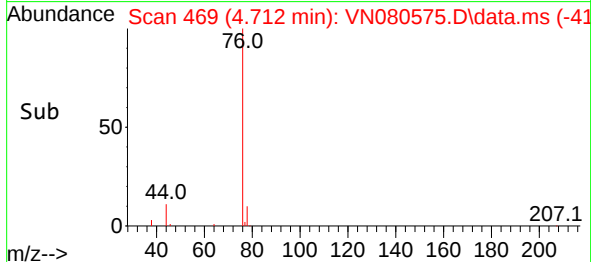
Instrument :
MSVOA_N
Client Sample Id :
VN1221MBSD01



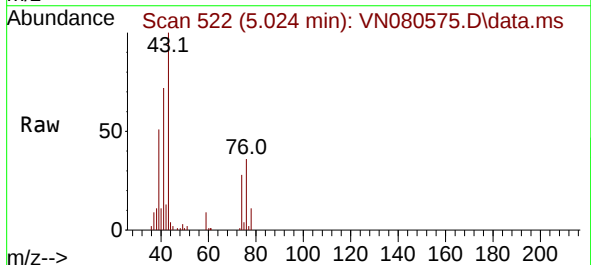
Tgt Ion: 76 Resp: 162020
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

Manual Integrations
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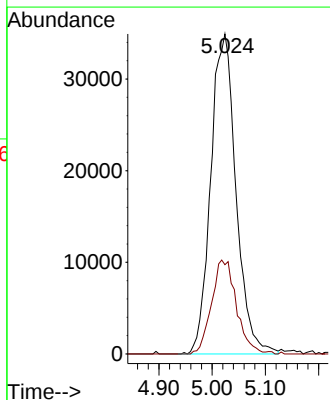
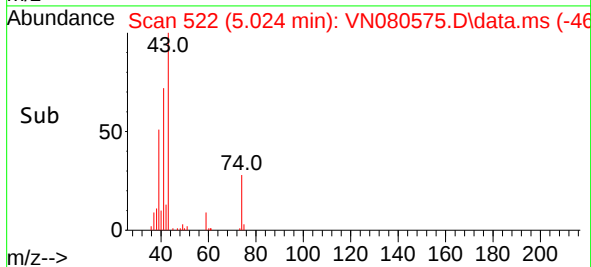
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

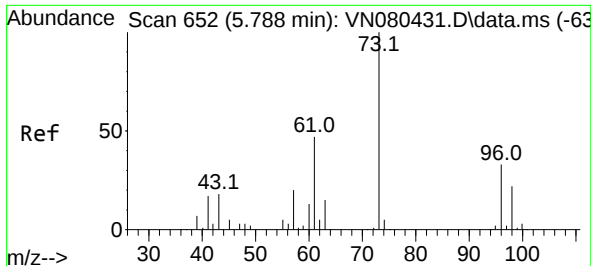


#18
Methyl Acetate
Concen: 24.292 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



Tgt Ion: 43 Resp: 114972
Ion Ratio Lower Upper
43 100
74 29.0 26.2 39.4





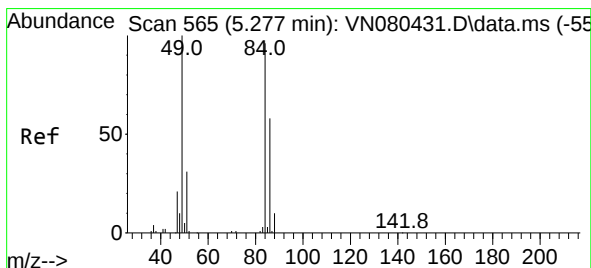
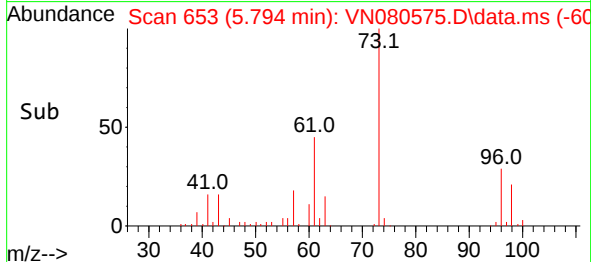
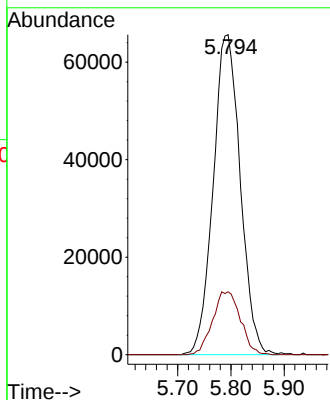
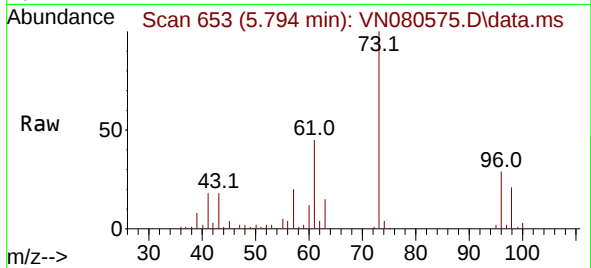
#19
Methyl tert-butyl Ether
Concen: 19.879 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion: 73 Resp: 231574
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4

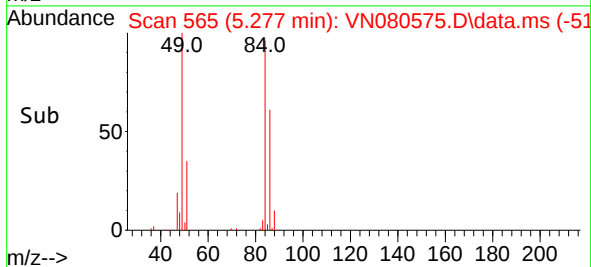
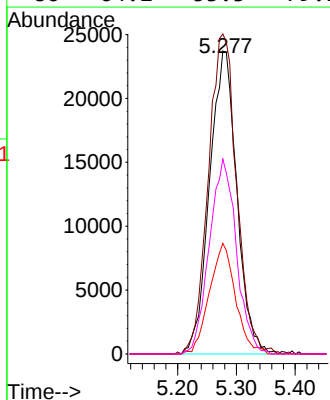
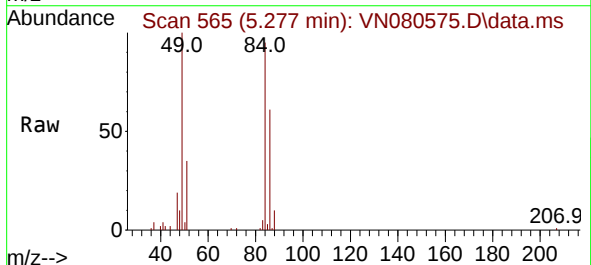
Manual Integrations
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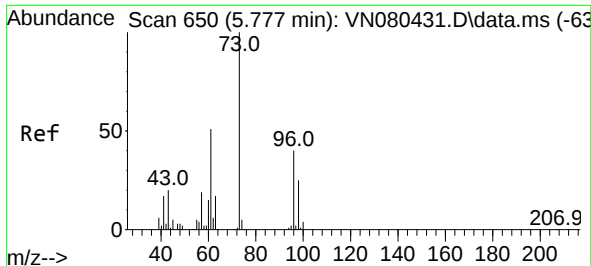
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#20
Methylene Chloride
Concen: 19.388 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion: 84 Resp: 76321
Ion Ratio Lower Upper
84 100
49 105.0 79.7 119.5
51 36.5 25.2 37.8
86 64.2 53.3 79.9





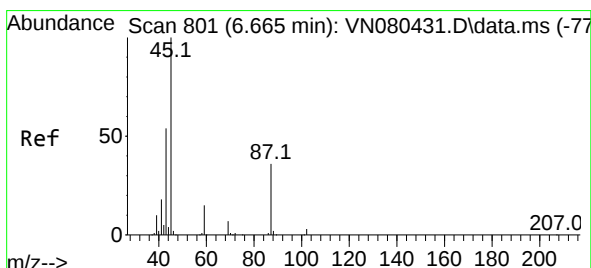
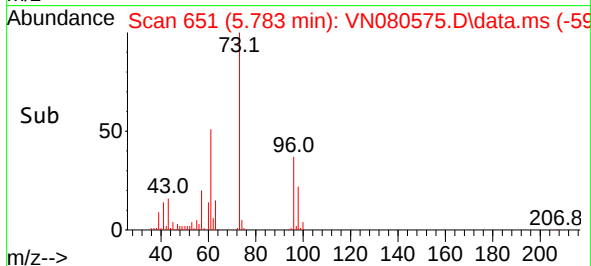
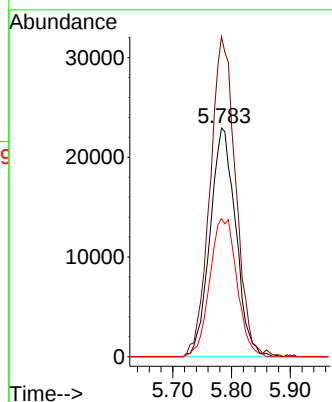
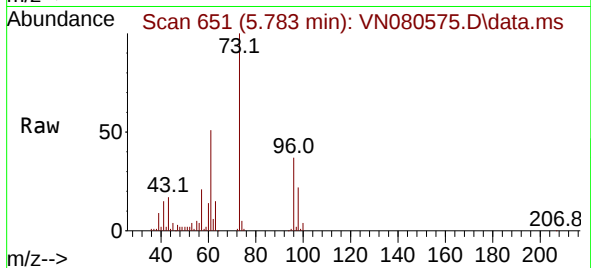
#21
trans-1,2-Dichloroethene
Concen: 18.324 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion: 96 Resp: 69375
Ion Ratio Lower Upper
96 100
61 139.9 90.1 135.1
98 60.5 46.4 69.6

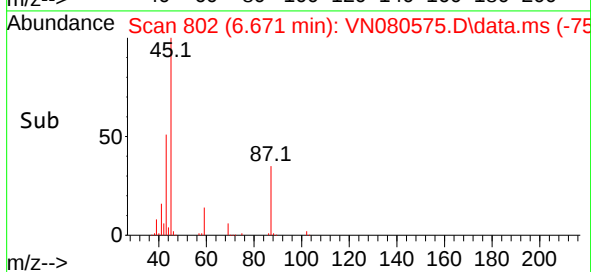
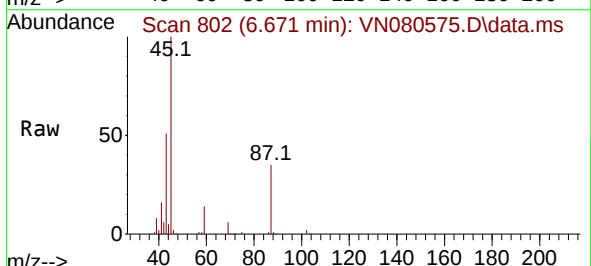
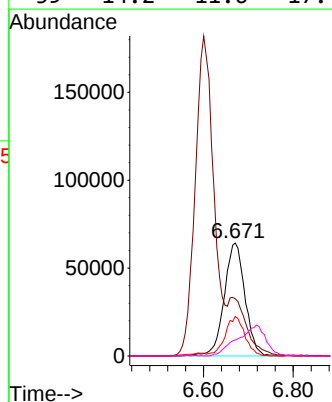
Manual Integrations
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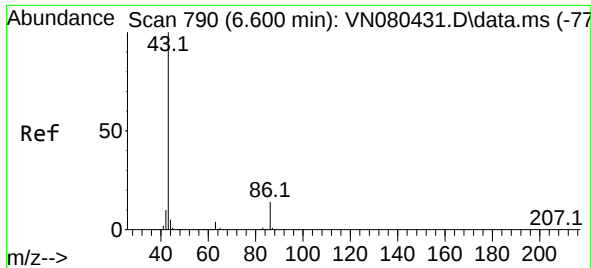
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#22
Diisopropyl ether
Concen: 22.163 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion: 45 Resp: 206648
Ion Ratio Lower Upper
45 100
43 49.3 45.5 68.3
87 35.0 31.8 47.8
59 14.2 11.6 17.4





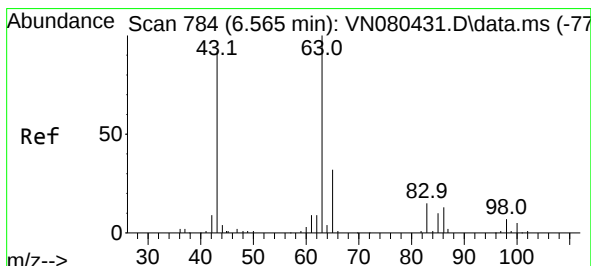
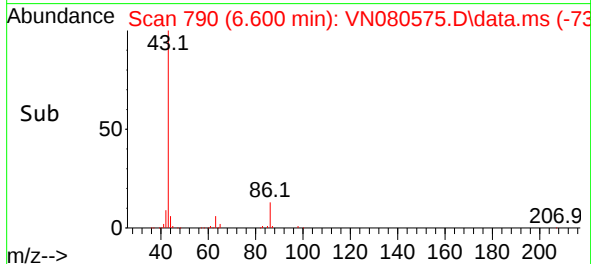
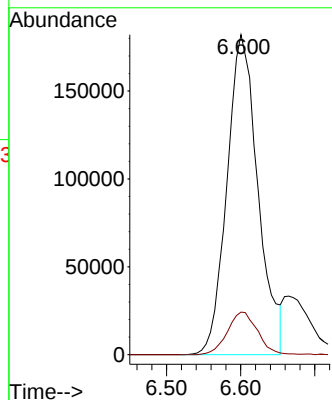
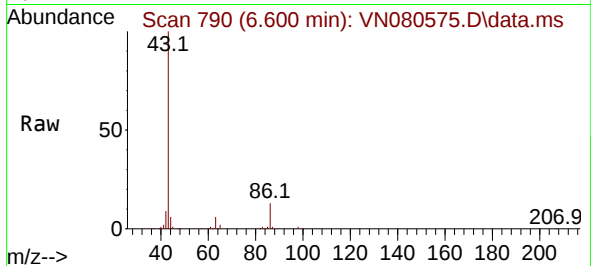
#23
 Vinyl Acetate
 Concen: 98.960 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBSD01

Tgt Ion: 43 Resp: 52993
 Ion Ratio Lower Upper
 43 100
 86 13.3 13.0 19.6

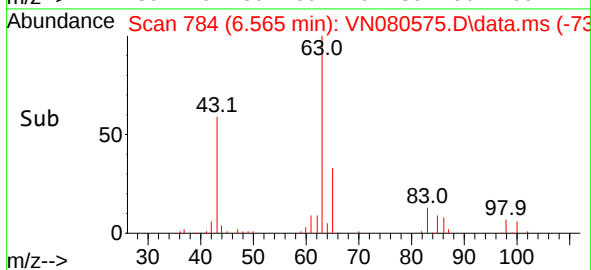
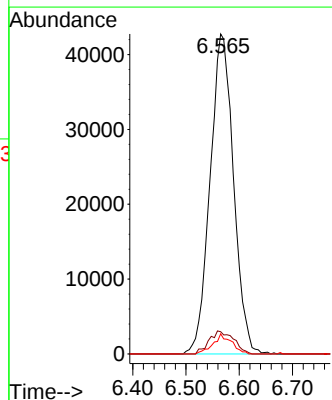
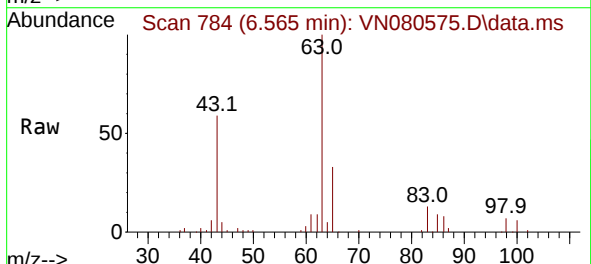
Manual Integrations
 APPROVED

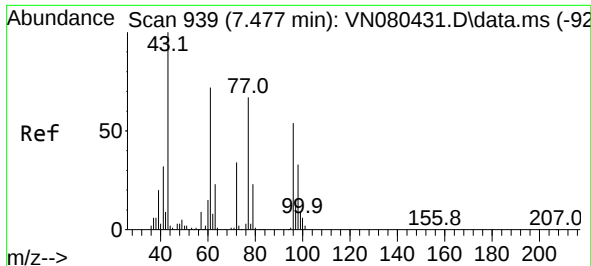
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 20.082 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51

Tgt Ion: 63 Resp: 130635
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 6.3 2.5 7.4





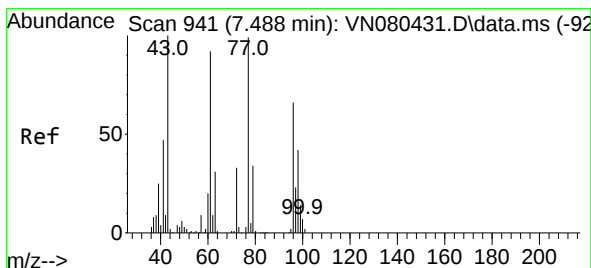
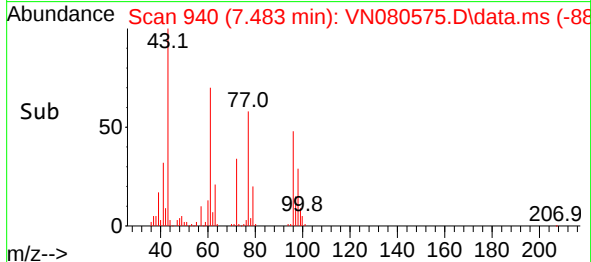
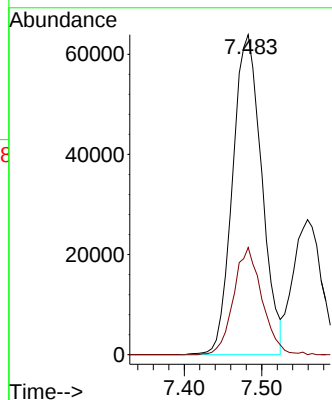
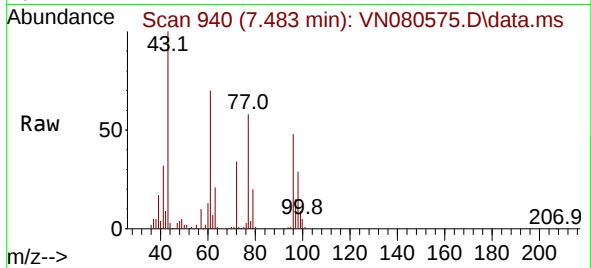
#25
2-Butanone
Concen: 118.027 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion: 43 Resp: 16724
Ion Ratio Lower Upper
43 100
72 33.5 30.2 45.2

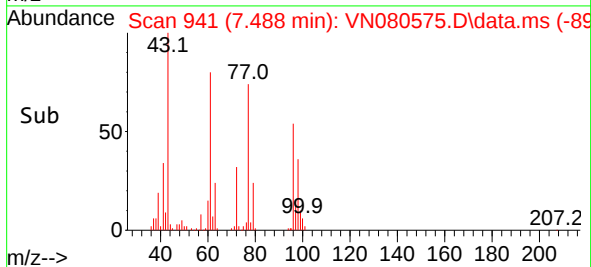
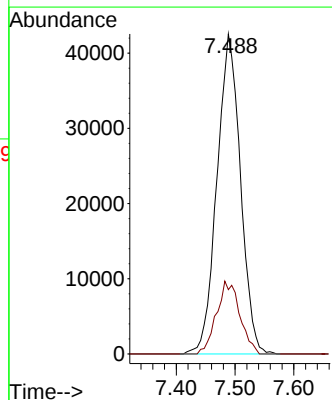
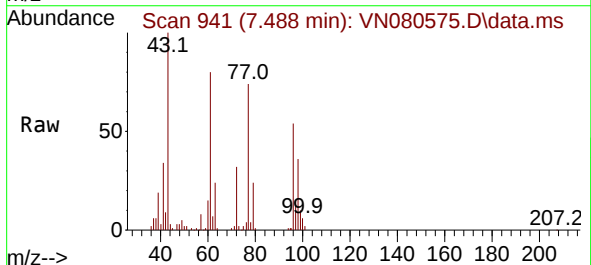
Manual Integrations
APPROVED

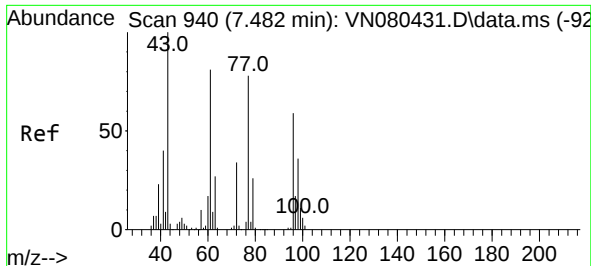
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#26
2,2-Dichloropropane
Concen: 17.758 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion: 77 Resp: 118126
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





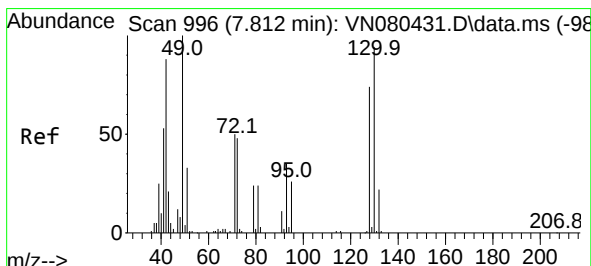
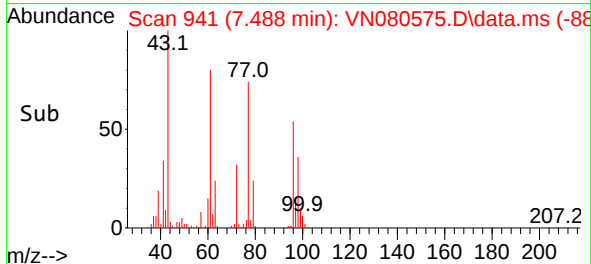
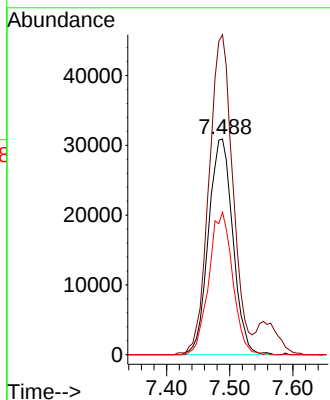
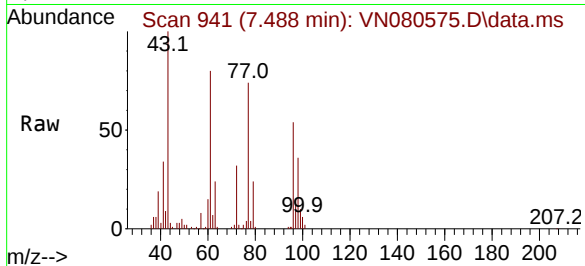
#27
 cis-1,2-Dichloroethene
 Concen: 19.346 ug/l
 RT: 7.488 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBSD01

Tgt Ion: 96 Resp: 82908
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 255.2
 98 64.4 0.0 128.8

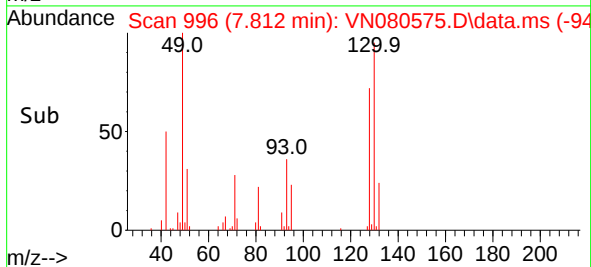
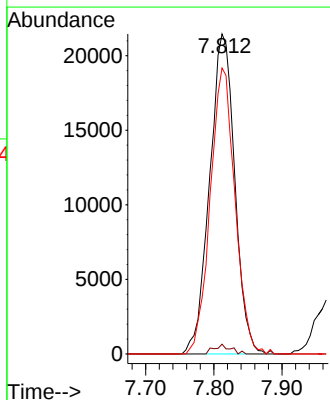
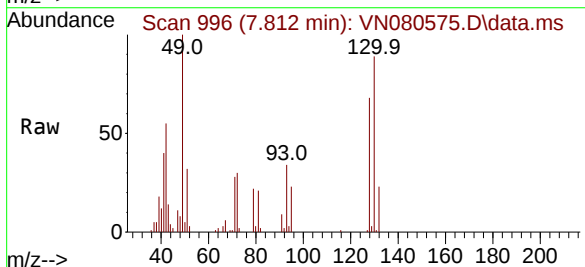
Manual Integrations
 APPROVED

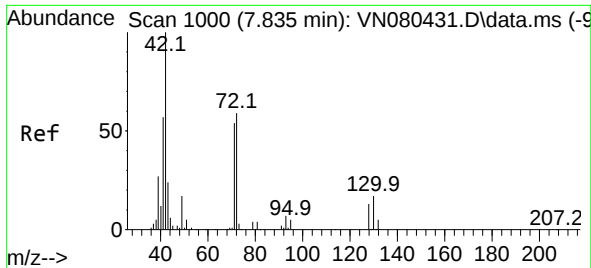
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#28
 Bromochloromethane
 Concen: 22.056 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51

Tgt Ion: 49 Resp: 55088
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 87.8 75.3 112.9





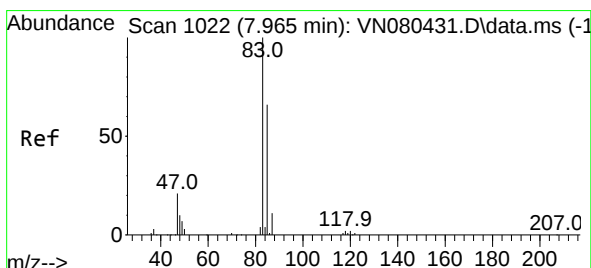
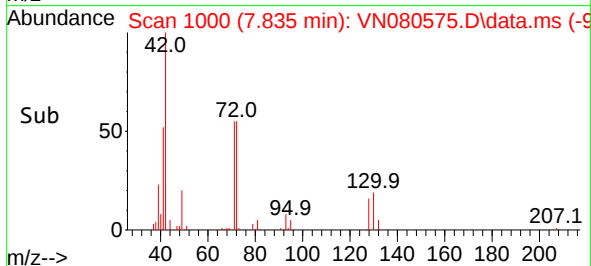
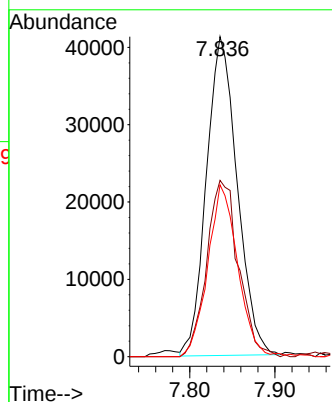
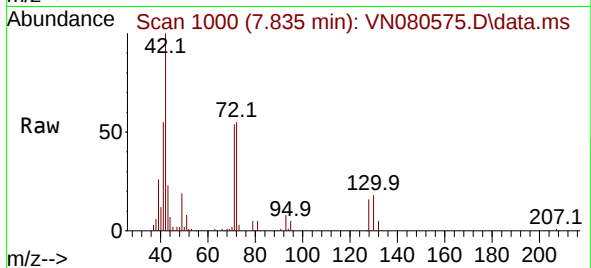
#29
Tetrahydrofuran
Concen: 102.049 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion: 42 Resp: 10354
Ion Ratio Lower Upper
42 100
72 57.0 49.8 74.6
71 52.7 47.4 71.2

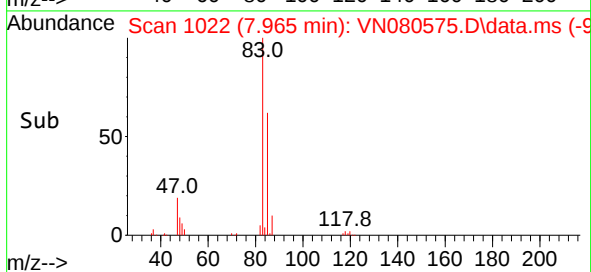
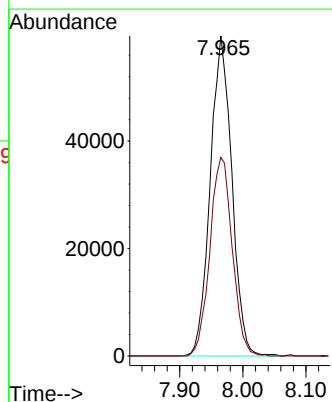
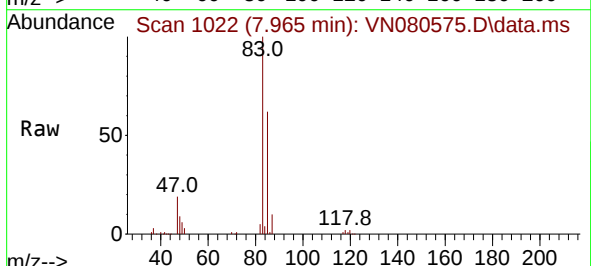
Manual Integrations
APPROVED

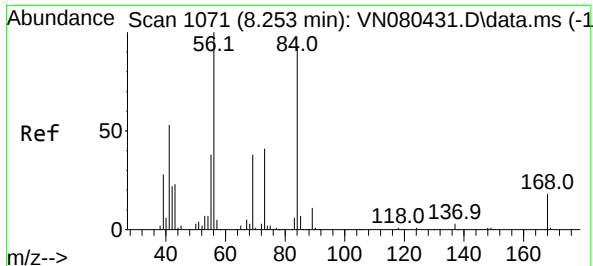
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#30
Chloroform
Concen: 19.603 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

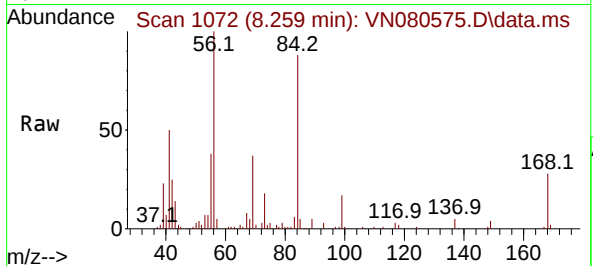
Tgt Ion: 83 Resp: 141552
Ion Ratio Lower Upper
83 100
85 62.1 55.4 83.0





#31
Cyclohexane
Concen: 17.460 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

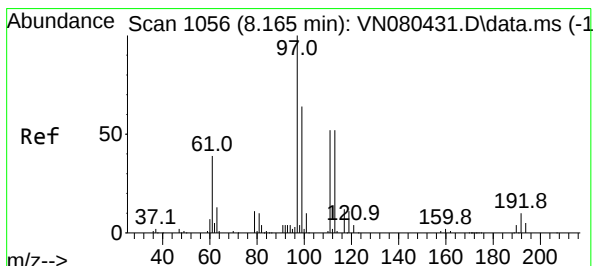
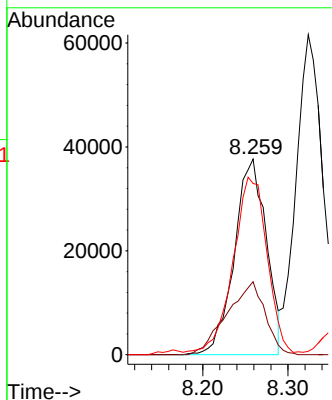
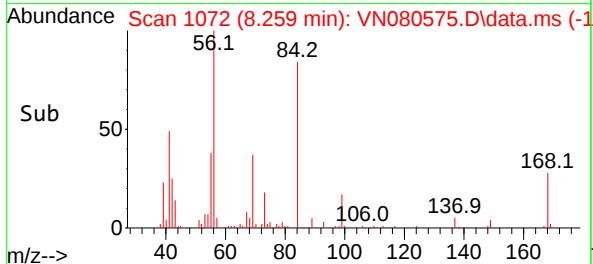
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



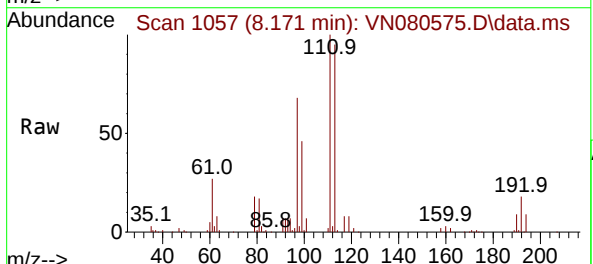
Tgt Ion: 56 Resp: 98498
Ion Ratio Lower Upper
56 100
69 37.3 26.8 40.2
84 85.7 81.8 122.6

Manual Integrations
APPROVED

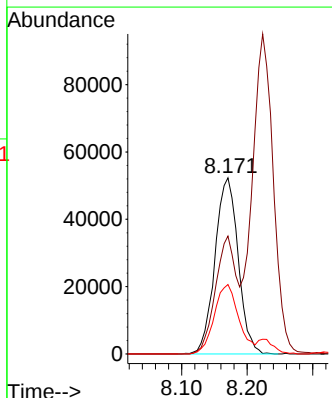
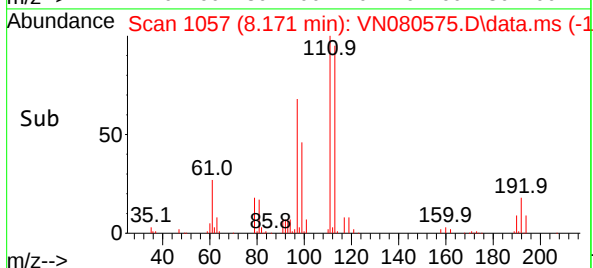
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

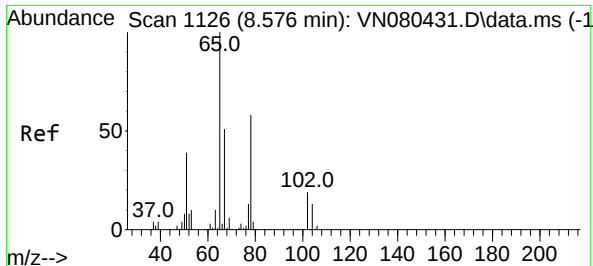


#32
1,1,1-Trichloroethane
Concen: 18.138 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



Tgt Ion: 97 Resp: 128234
Ion Ratio Lower Upper
97 100
99 60.7 50.3 75.5
61 41.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.203 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 65 Resp: 224854

Ion Ratio Lower Upper

65 100

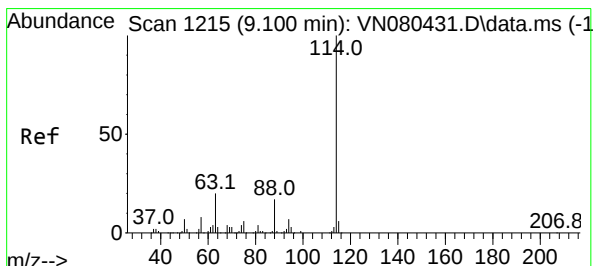
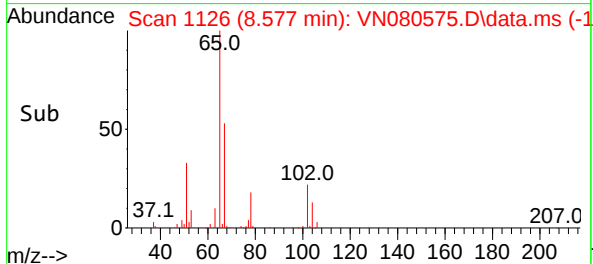
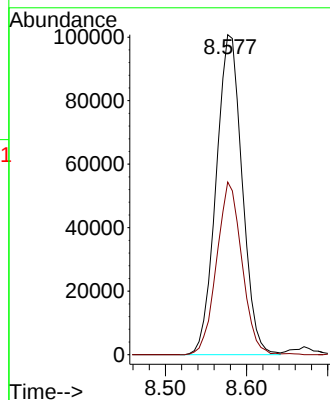
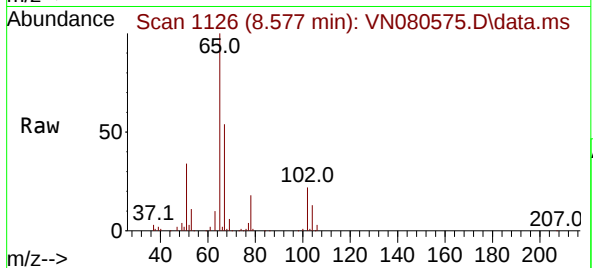
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

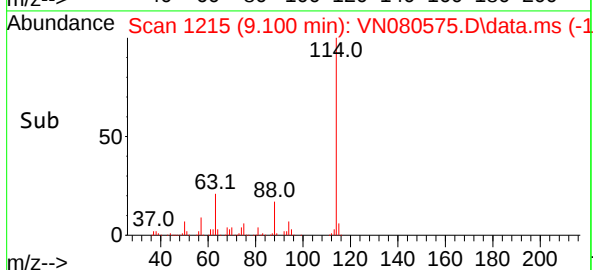
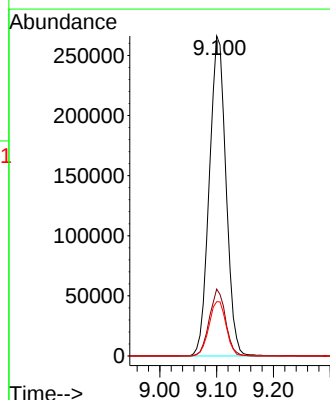
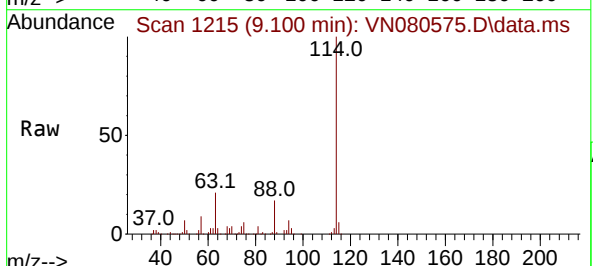
Tgt Ion:114 Resp: 540522

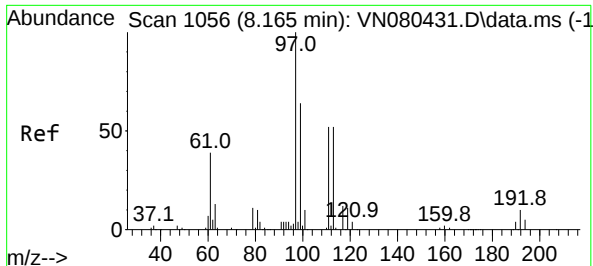
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.220 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBSD01

Tgt Ion: 113 Resp: 18239

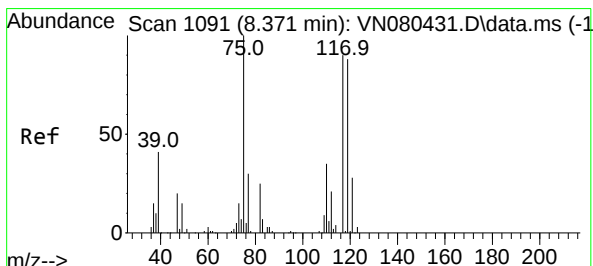
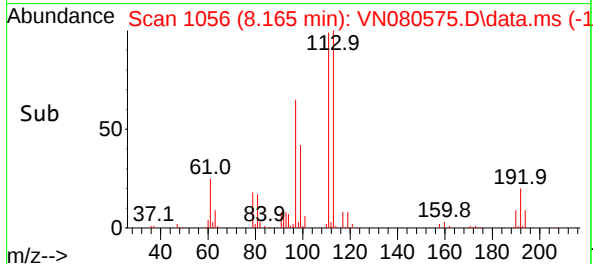
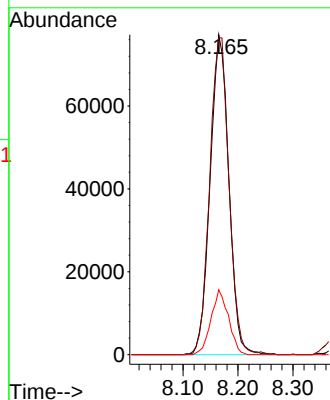
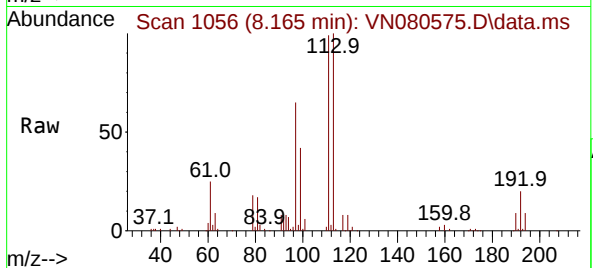
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	19.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 12/22/2023

Supervised By : Mahesh Dadoda 12/22/2023



#36

1,1-Dichloropropene

Concen: 17.608 ug/l

RT: 8.371 min Scan# 1091

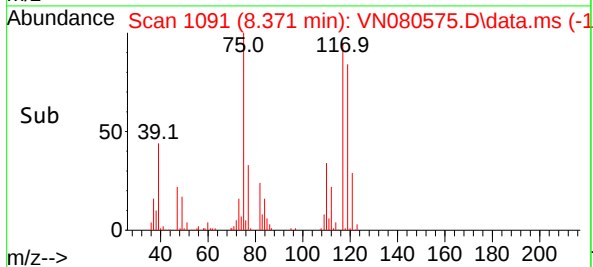
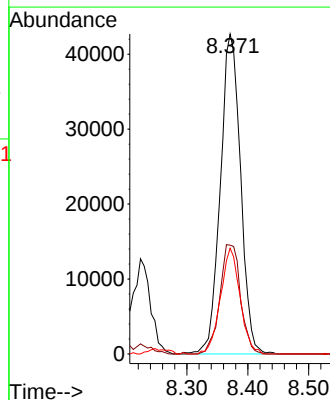
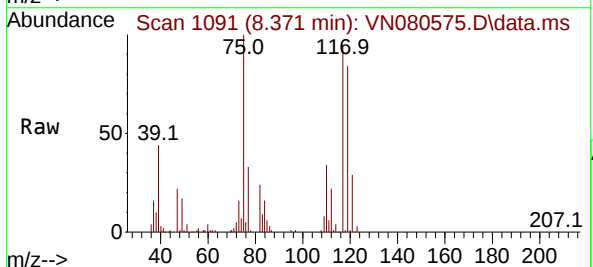
Delta R.T. 0.000 min

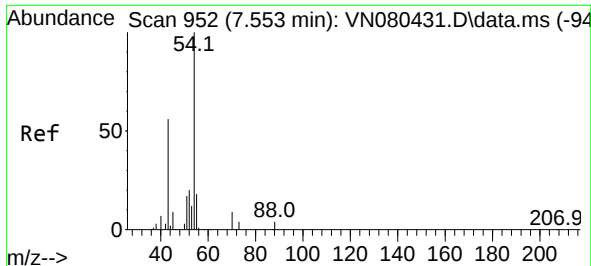
Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

Tgt Ion: 75 Resp: 98670

Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.1	57.3
77	31.9	25.0	37.4





#37

Ethyl Acetate

Concen: 20.766 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080575.D

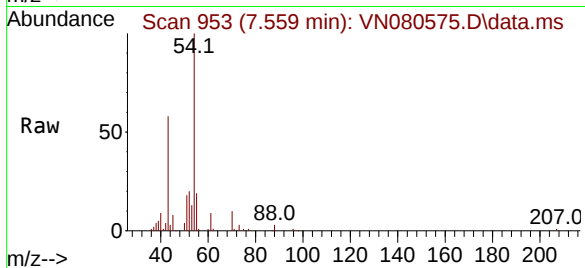
Acq: 21 Dec 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBSD01



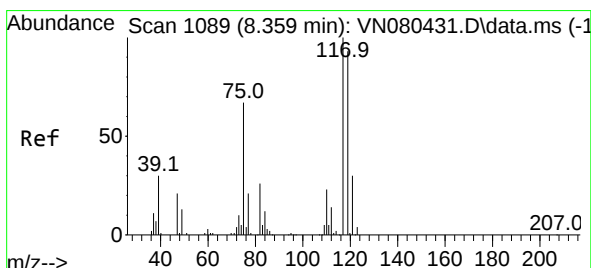
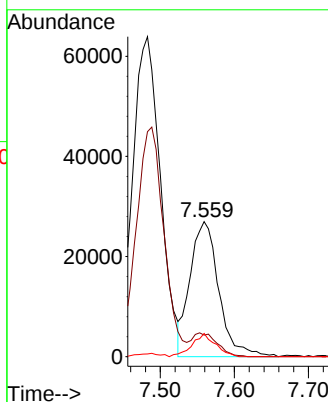
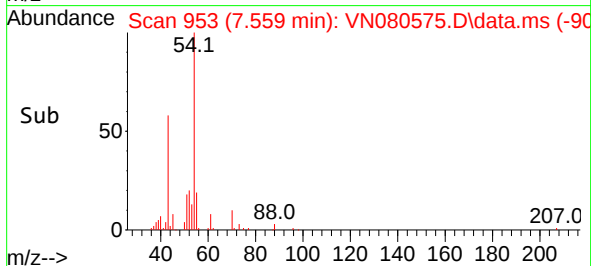
Tgt Ion:	43	Resp:	7286
Ion Ratio	Lower	Upper	
43	100		
61	15.5	13.2	19.8
70	13.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#38

Carbon Tetrachloride

Concen: 16.247 ug/l

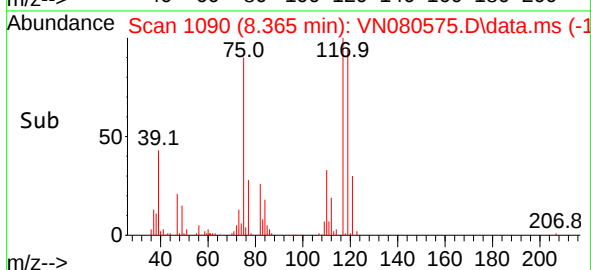
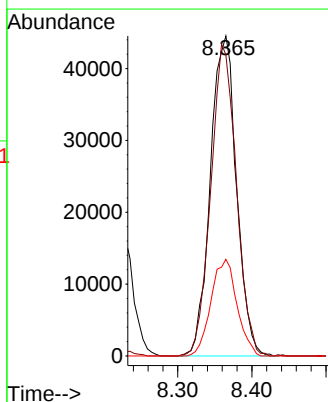
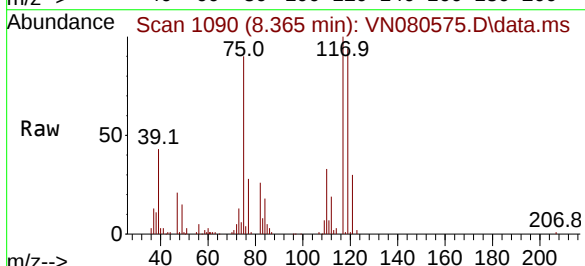
RT: 8.365 min Scan# 1090

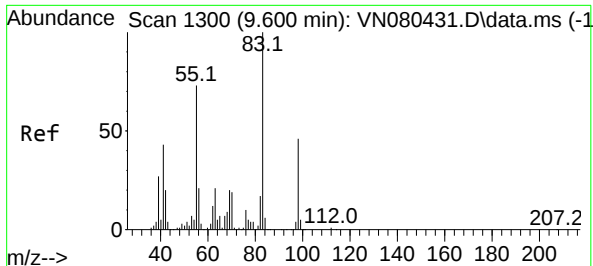
Delta R.T. 0.006 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

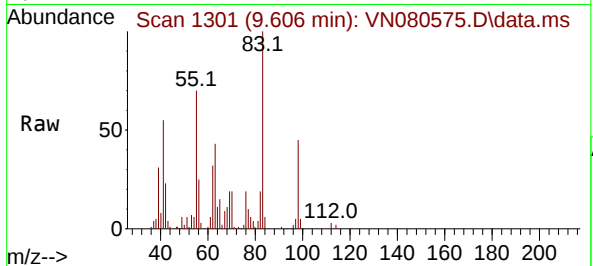
Tgt Ion:	117	Resp:	108784
Ion Ratio	Lower	Upper	
117	100		
119	94.1	77.3	115.9
121	30.2	23.3	34.9





#39
Methylcyclohexane
Concen: 15.556 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

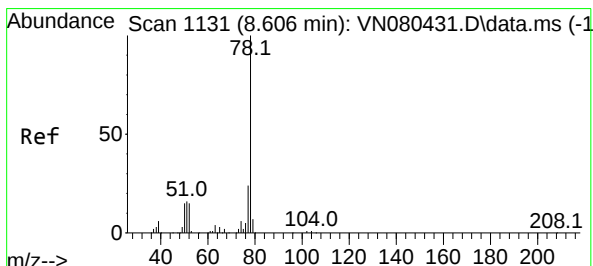
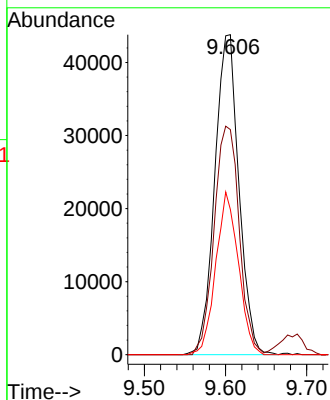
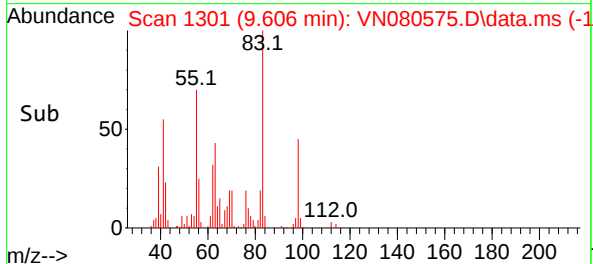
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



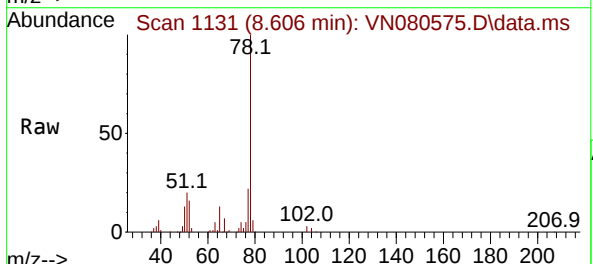
Tgt Ion: 83 Resp: 9055
Ion Ratio Lower Upper
83 100
55 70.4 49.1 73.7
98 45.4 40.6 61.0

Manual Integrations
APPROVED

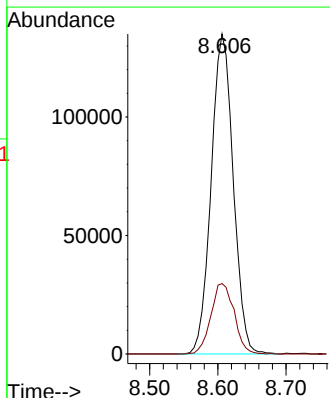
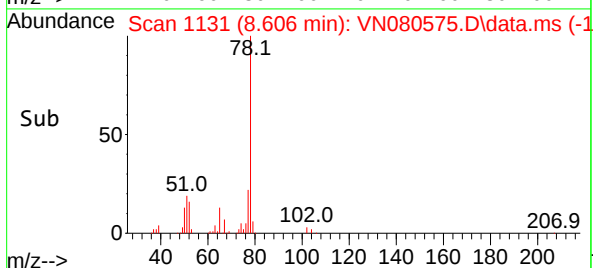
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#40
Benzene
Concen: 18.809 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



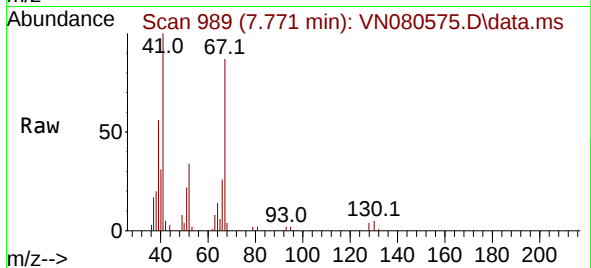
Tgt Ion: 78 Resp: 304354
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.6





#41
Methacrylonitrile
Concen: 20.304 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

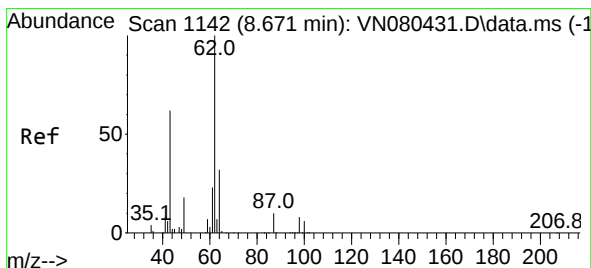
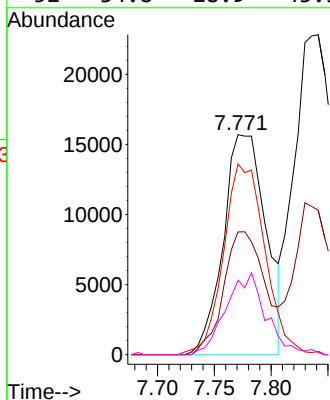
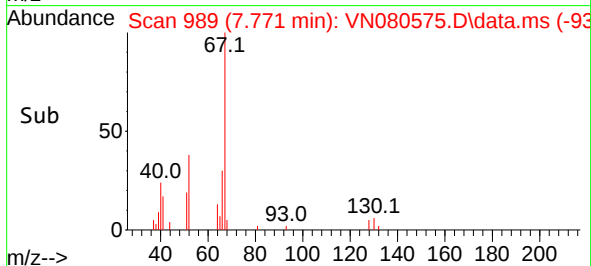
Instrument :
MSVOA_N
Client Sample Id :
VN1221MBSD01



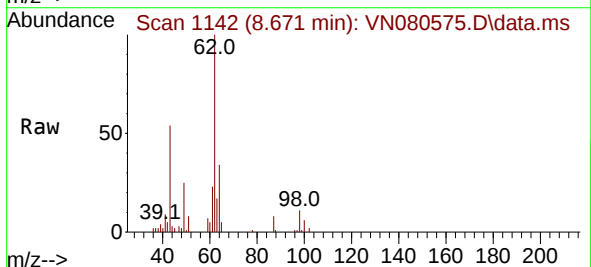
Tgt Ion: 41	Resp: 4107
Ion Ratio	Lower Upper
41	100
39	54.0 42.6 64.0
67	84.1 77.5 116.3
52	34.8 28.9 43.3

Manual Integrations
APPROVED

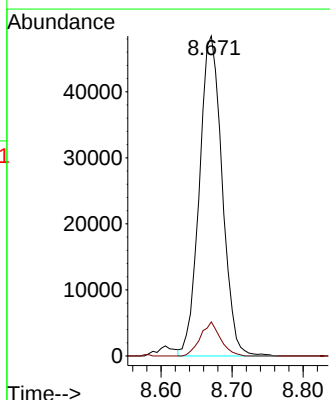
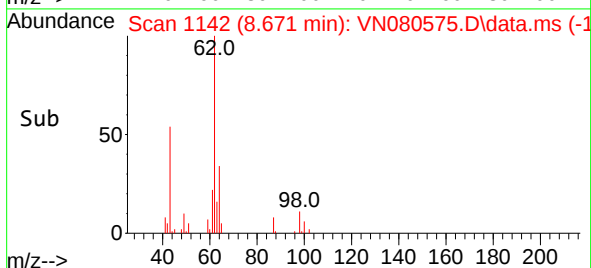
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

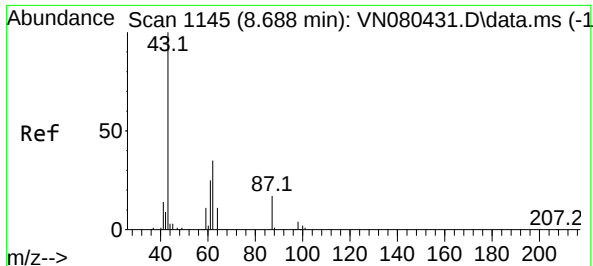


#42
1,2-Dichloroethane
Concen: 18.067 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



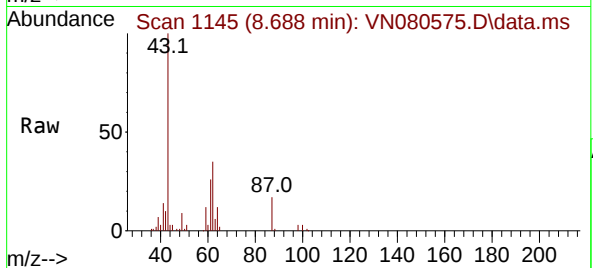
Tgt Ion: 62	Resp: 108256
Ion Ratio	Lower Upper
62	100
98	9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.105 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

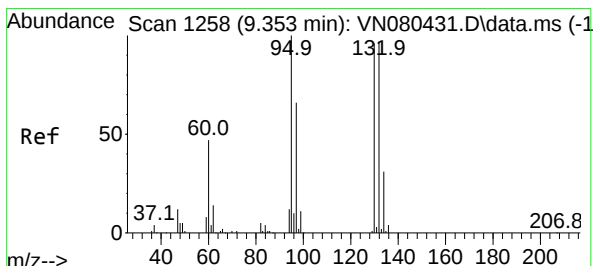
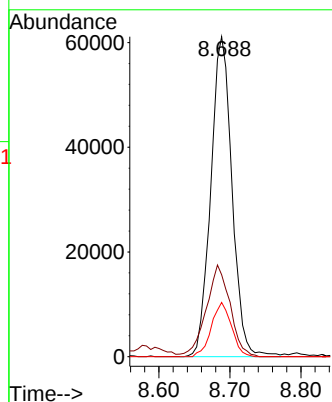
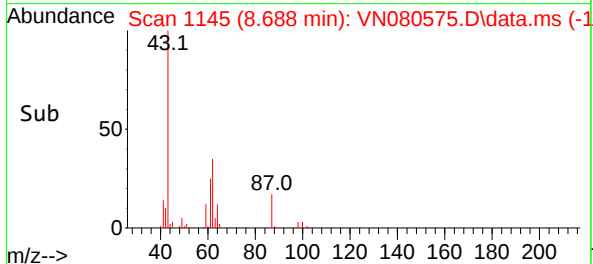
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



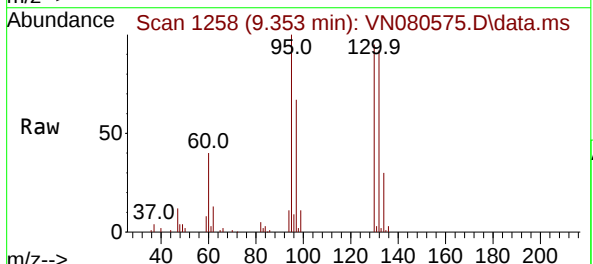
Tgt Ion: 43 Resp: 126840
Ion Ratio Lower Upper
43 100
61 32.2 24.7 37.1
87 16.0 14.6 21.8

Manual Integrations
APPROVED

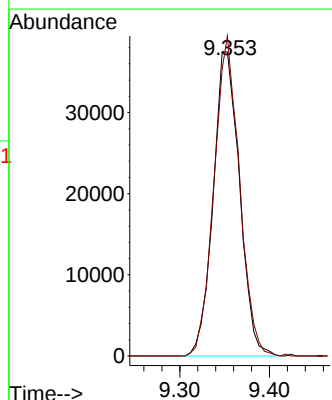
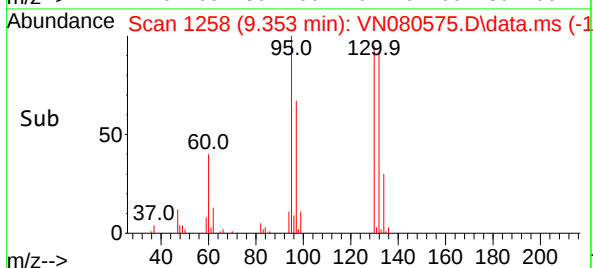
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

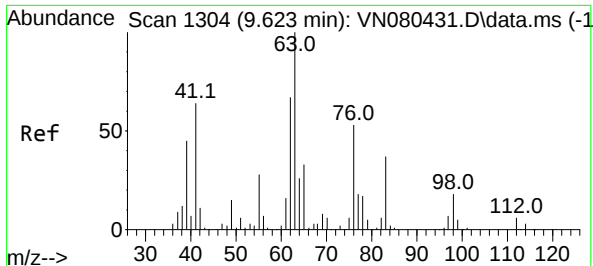


#44
Trichloroethene
Concen: 17.532 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



Tgt Ion:130 Resp: 76480
Ion Ratio Lower Upper
130 100
95 105.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.221 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBSD01

Tgt Ion: 63 Resp: 76850

Ion Ratio Lower Upper

63 100

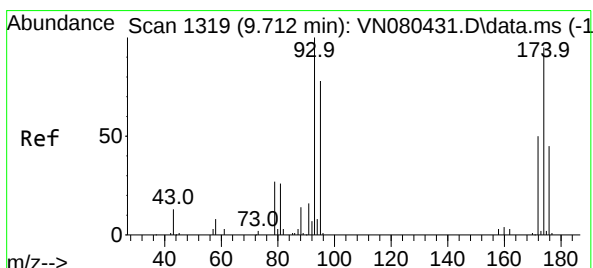
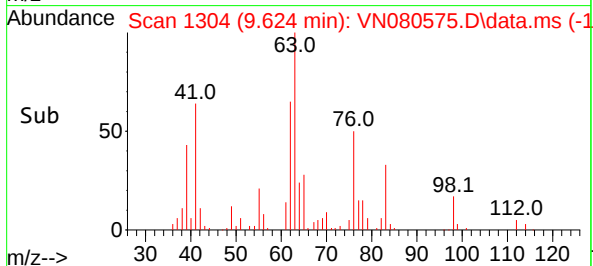
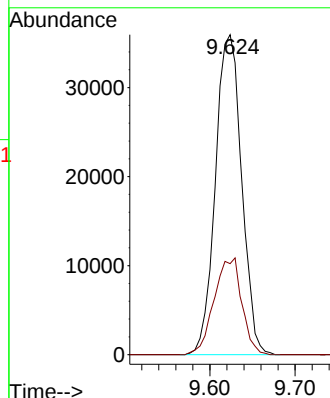
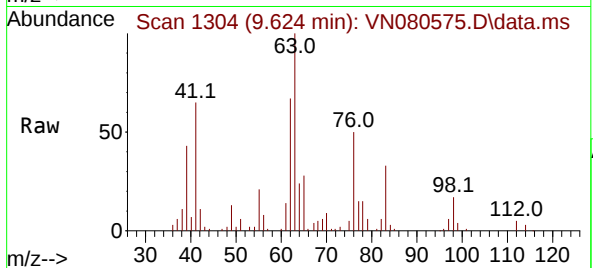
65 28.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#46

Dibromomethane

Concen: 18.817 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

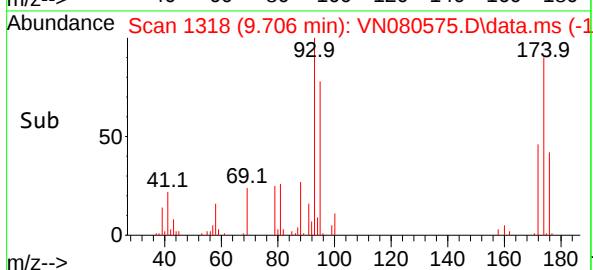
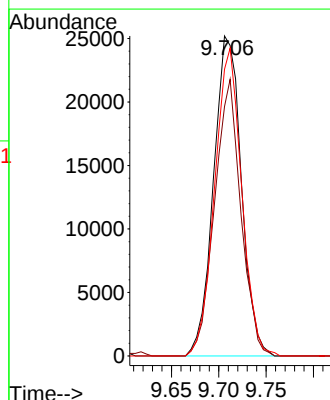
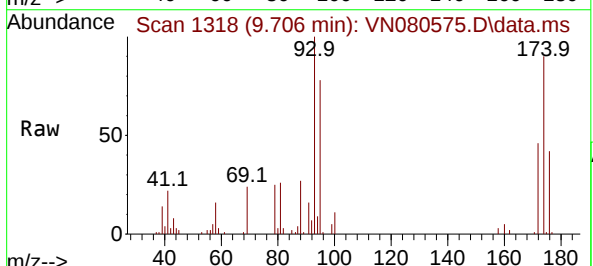
Tgt Ion: 93 Resp: 51356

Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

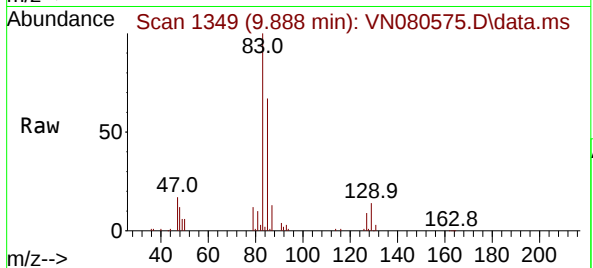
174 93.5 65.6 98.4





#47
Bromodichloromethane
Concen: 18.577 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

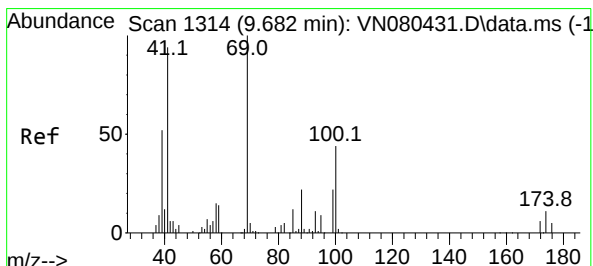
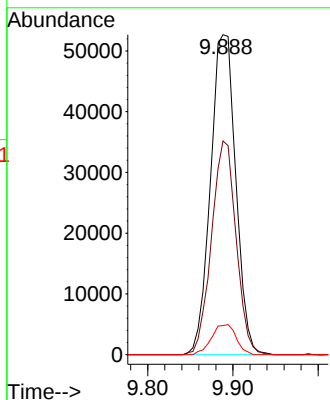
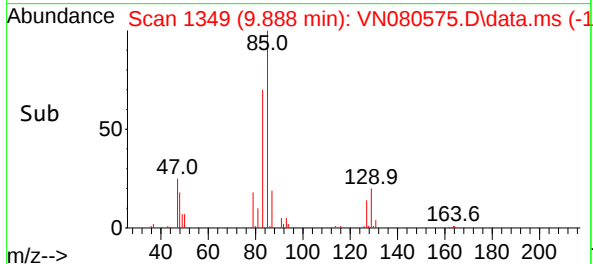
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



Tgt Ion: 83 Resp: 10866
Ion Ratio Lower Upper
83 100
85 66.8 49.6 74.4
127 9.1 7.0 10.6

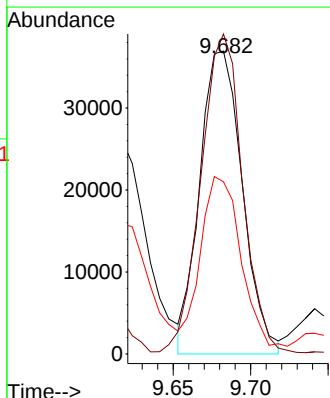
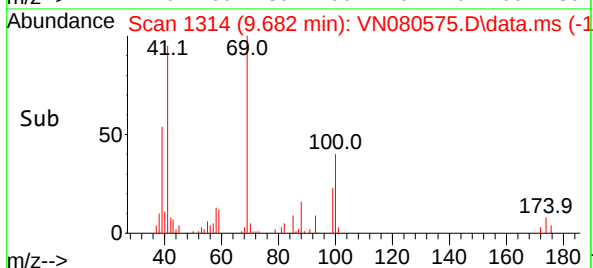
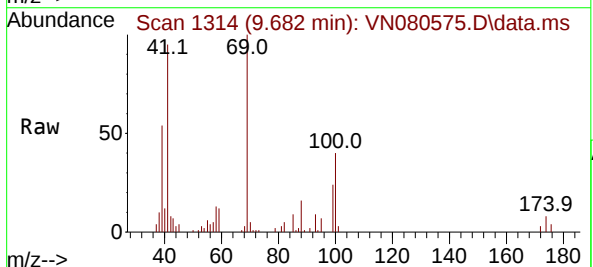
Manual Integrations
APPROVED

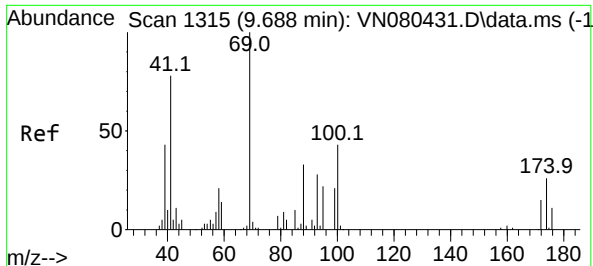
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#48
Methyl methacrylate
Concen: 18.755 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion: 41 Resp: 70615
Ion Ratio Lower Upper
41 100
69 104.0 90.4 135.6
39 57.5 54.6 81.8





#49

1,4-Dioxane

Concen: 373.763 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBSD01

Tgt Ion: 88 Resp: 21330

Ion Ratio Lower Upper

88 100

43 30.8 17.0 25.6

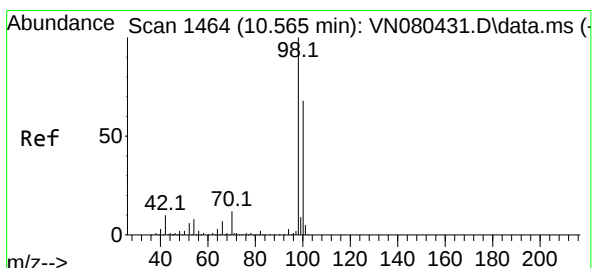
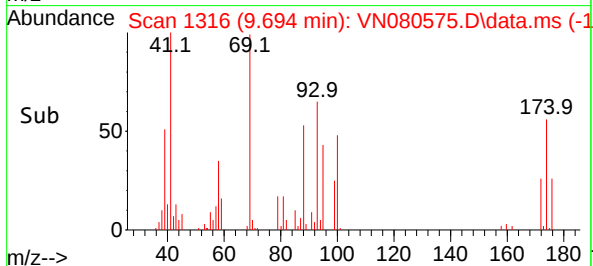
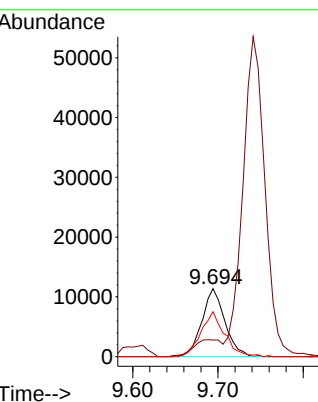
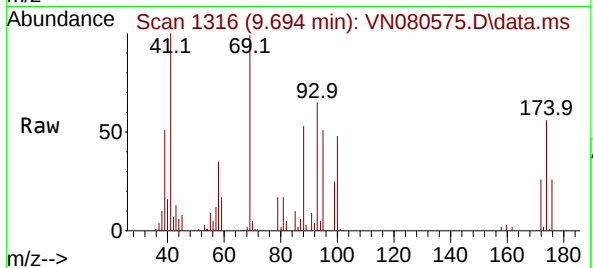
58 68.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#50

Toluene-d8

Concen: 51.582 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080575.D

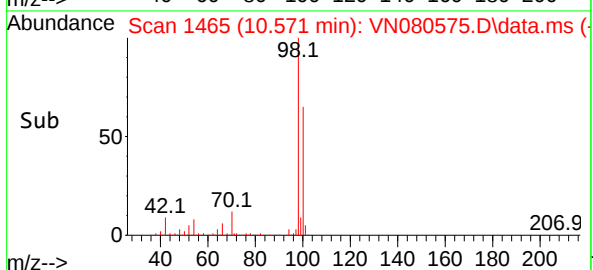
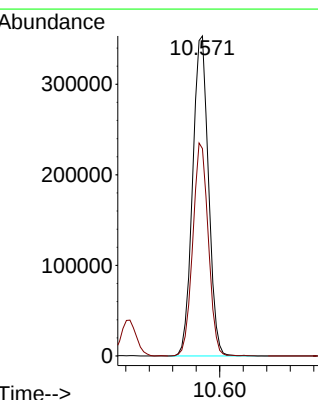
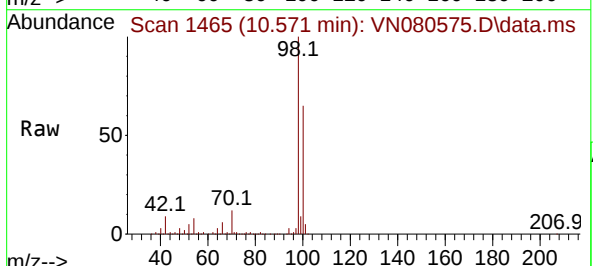
Acq: 21 Dec 2023 15:51

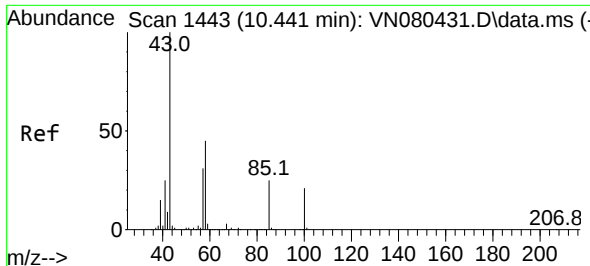
Tgt Ion: 98 Resp: 659287

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





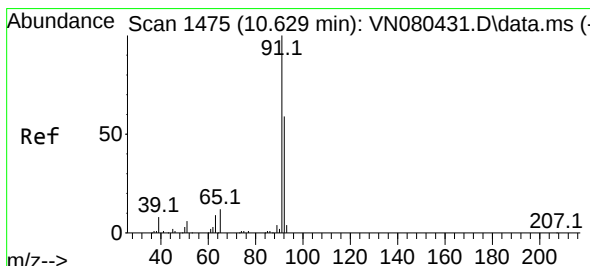
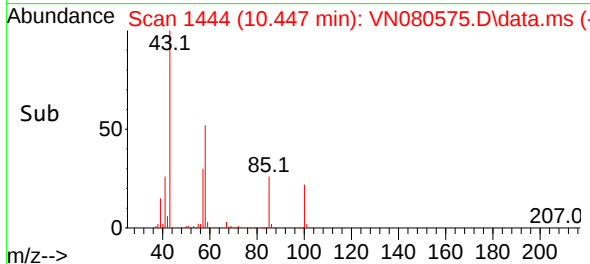
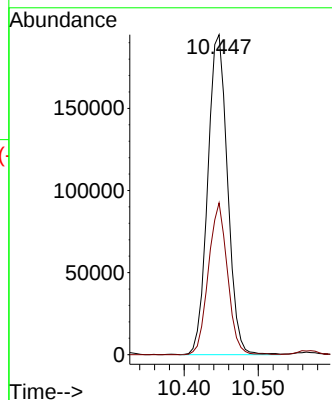
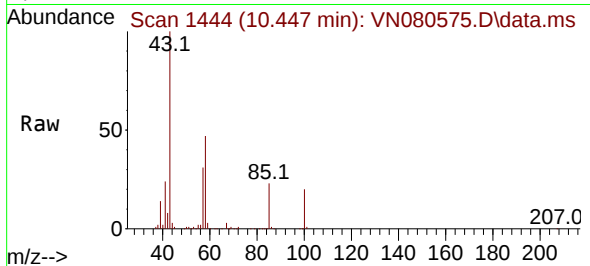
#51
4-Methyl-2-Pentanone
Concen: 103.946 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion: 43 Resp: 361180
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8

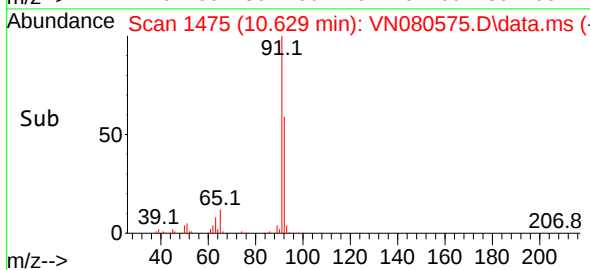
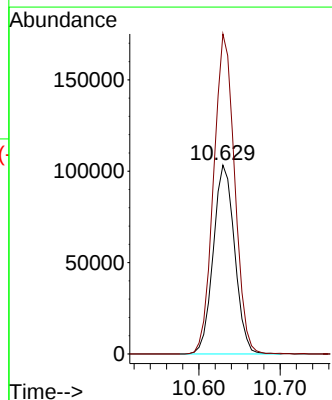
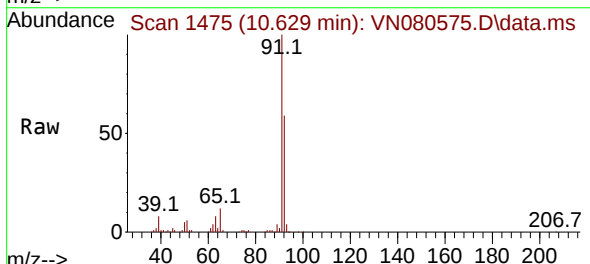
Manual Integrations
APPROVED

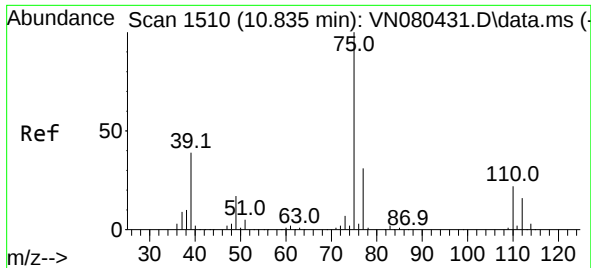
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#52
Toluene
Concen: 18.458 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

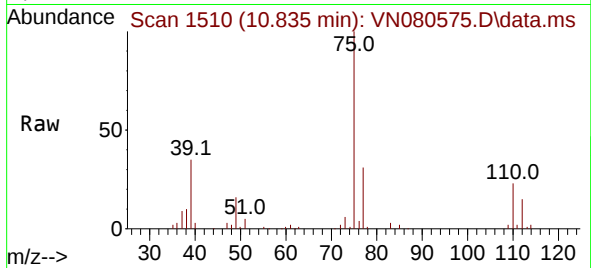
Tgt Ion: 92 Resp: 188684
Ion Ratio Lower Upper
92 100
91 167.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.896 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

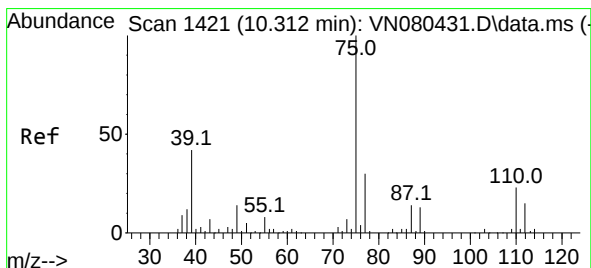
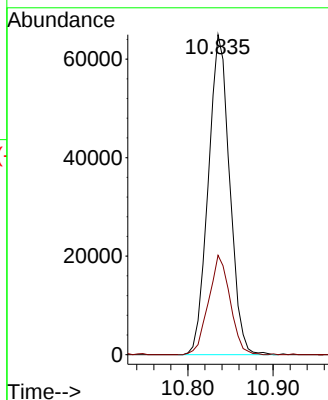
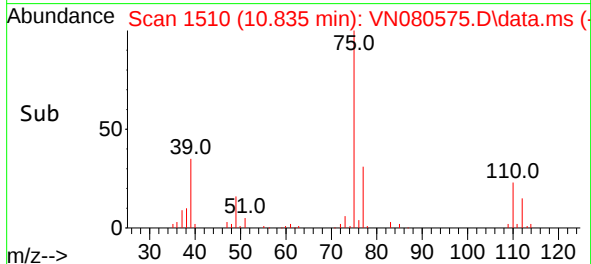
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



Tgt Ion: 75 Resp: 113259
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

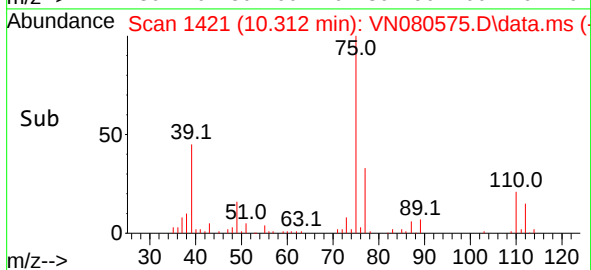
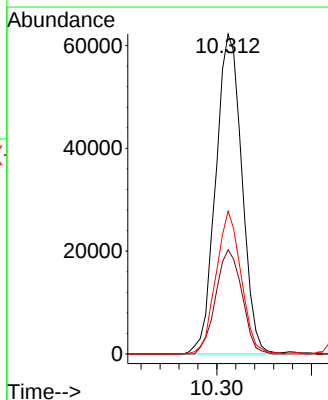
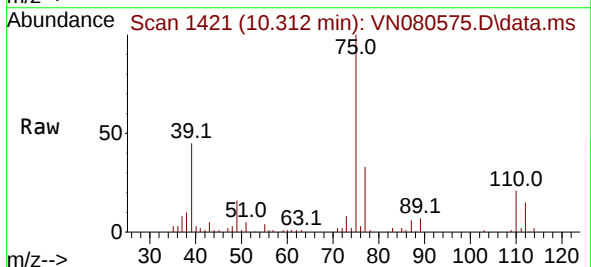
Manual Integrations
APPROVED

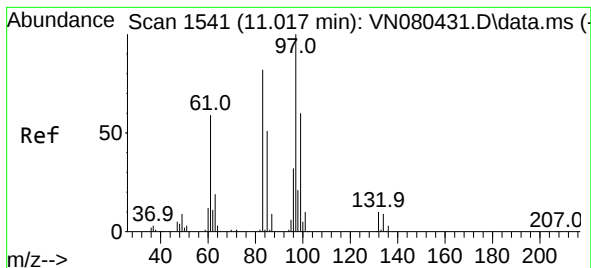
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#54
cis-1,3-Dichloropropene
Concen: 17.651 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

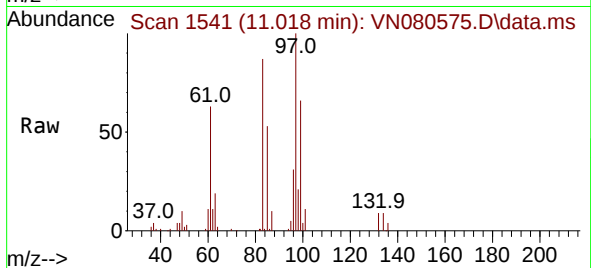
Tgt Ion: 75 Resp: 119398
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 44.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.906 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

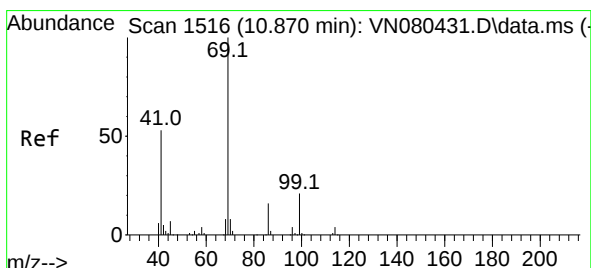
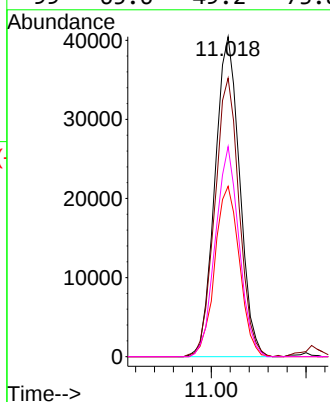
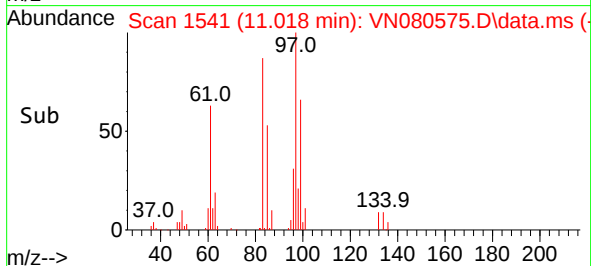
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



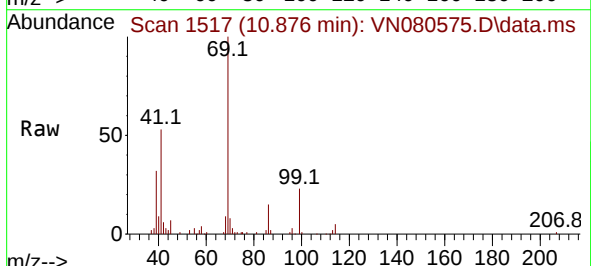
Tgt Ion: 97	Resp: 73210
Ion Ratio	Lower Upper
97 100	
83 87.1	65.1 97.7
85 53.2	43.4 65.2
99 65.6	49.2 73.8

Manual Integrations
APPROVED

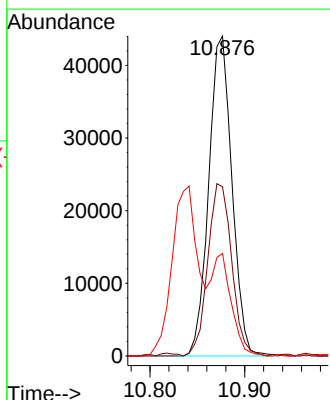
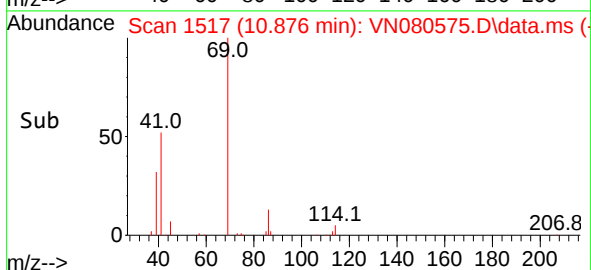
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

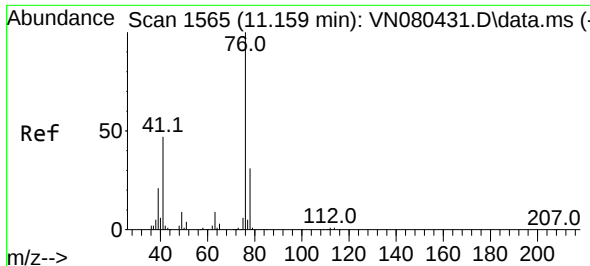


#56
Ethyl methacrylate
Concen: 18.407 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



Tgt Ion: 69	Resp: 74956
Ion Ratio	Lower Upper
69 100	
41 55.6	39.6 59.4
39 27.5	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 19.482 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080575.D

Acq: 21 Dec 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBSD01

Tgt Ion: 76 Resp: 125618

Ion Ratio Lower Upper

76 100

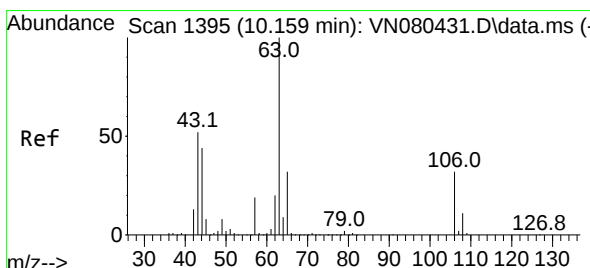
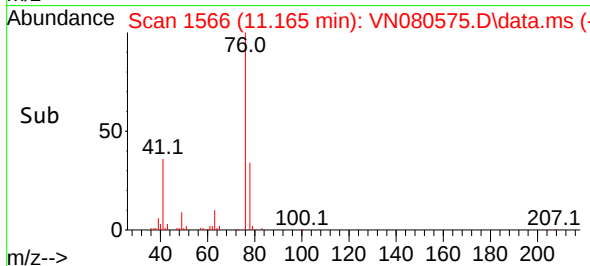
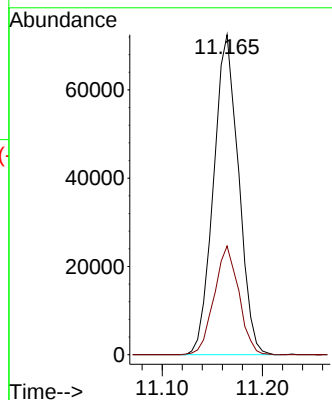
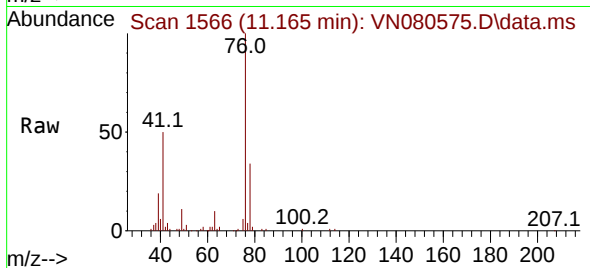
78 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.407 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080575.D

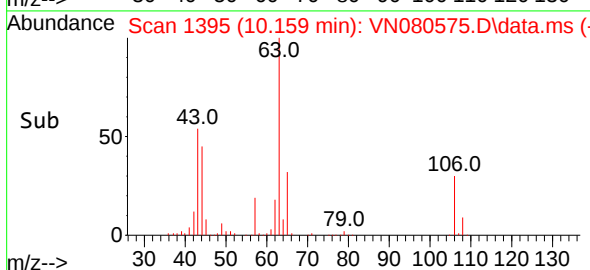
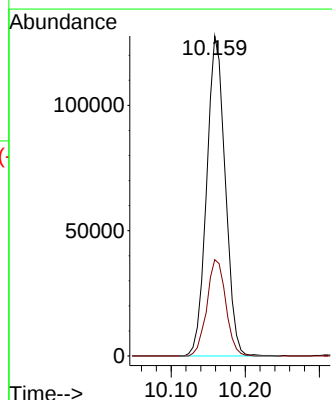
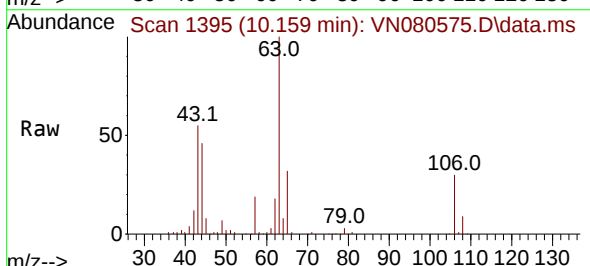
Acq: 21 Dec 2023 15:51

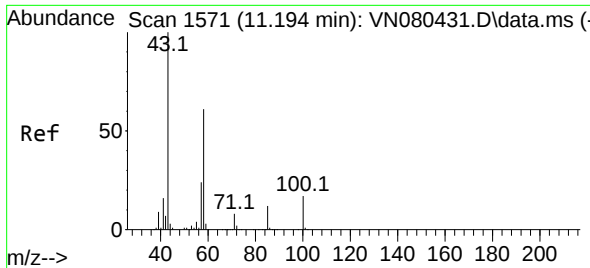
Tgt Ion: 63 Resp: 222134

Ion Ratio Lower Upper

63 100

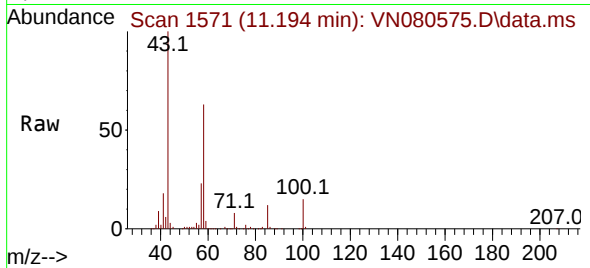
106 30.6 26.2 39.4





#59
2-Hexanone
Concen: 102.479 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

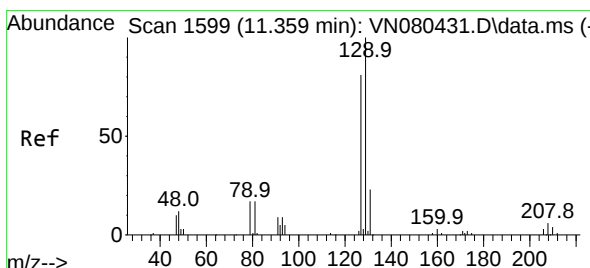
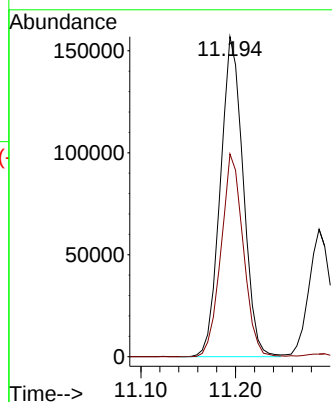
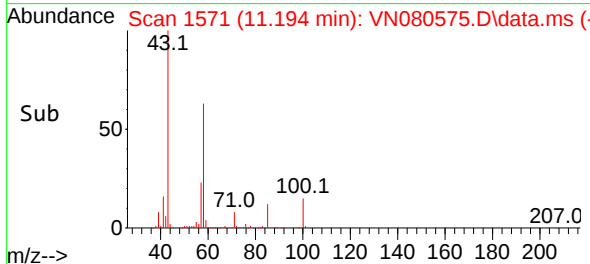
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



Tgt Ion: 43 Resp: 26288
Ion Ratio Lower Upper
43 100
58 61.8 31.7 95.1

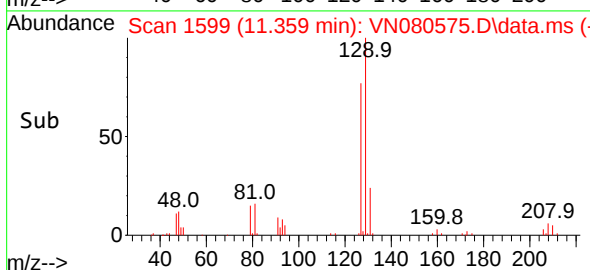
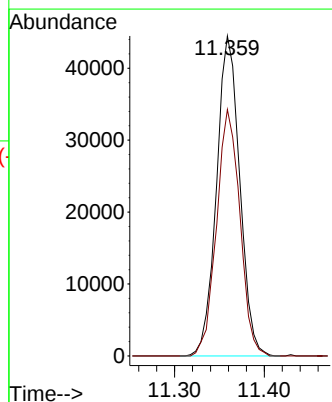
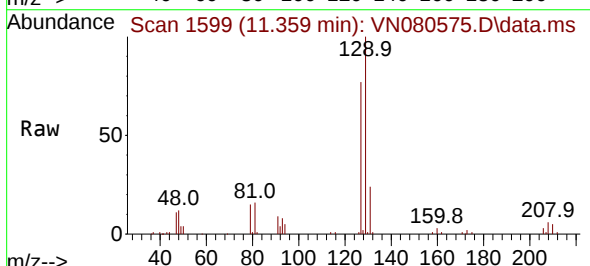
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#60
Dibromochloromethane
Concen: 18.348 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion:129 Resp: 79970
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





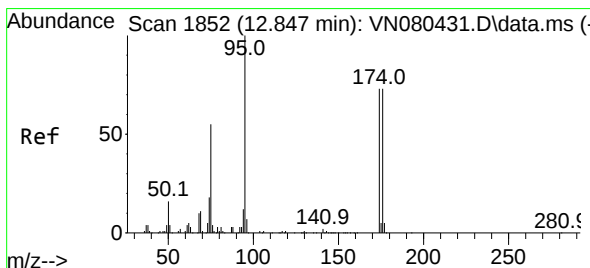
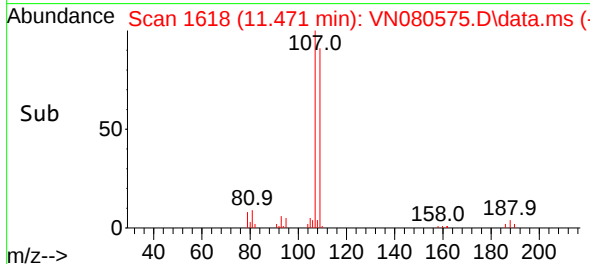
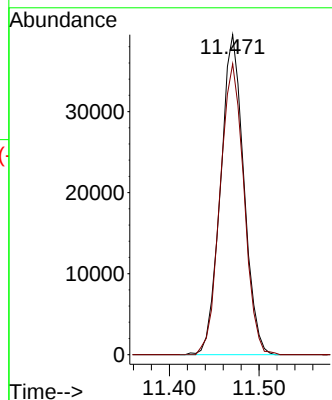
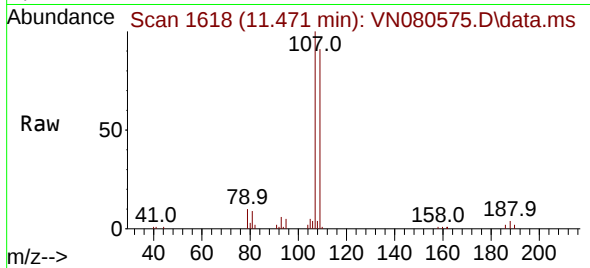
#61
1,2-Dibromoethane
Concen: 18.635 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion:107 Resp: 70940
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

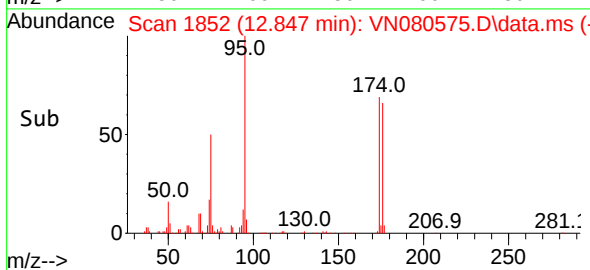
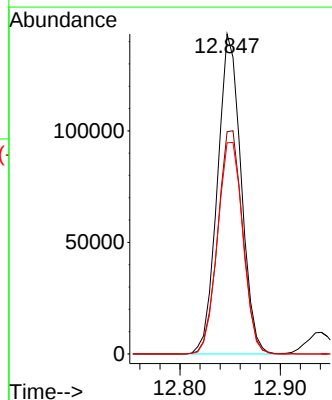
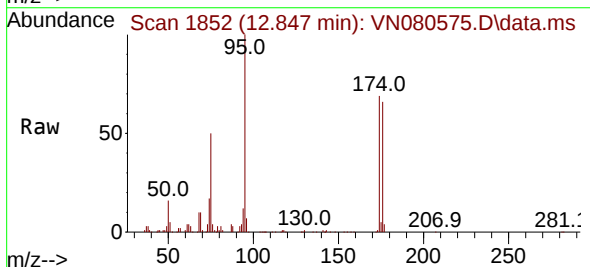
Manual Integrations
APPROVED

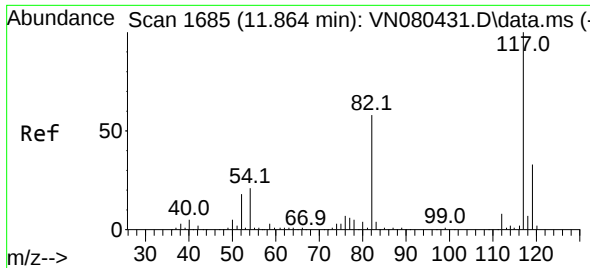
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#62
4-Bromofluorobenzene
Concen: 48.391 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

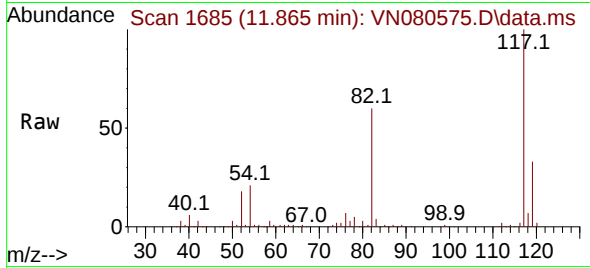
Tgt Ion: 95 Resp: 234860
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 70.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

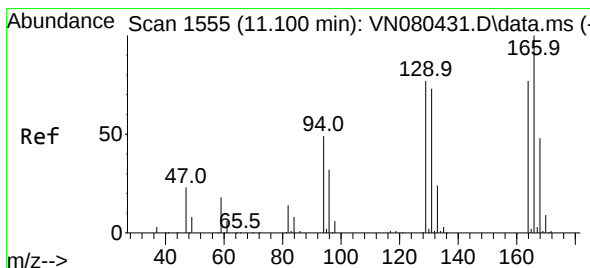
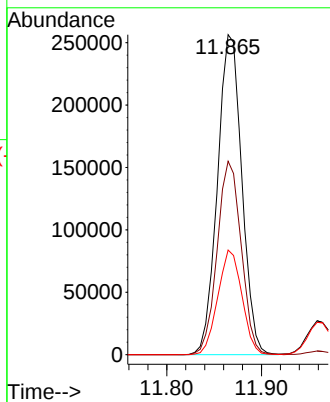
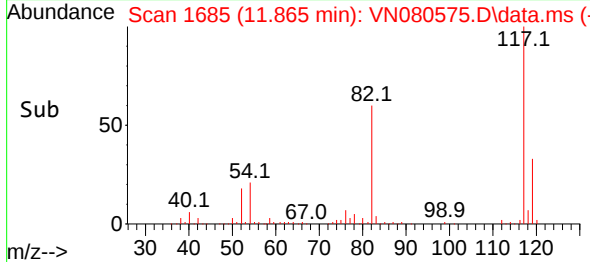
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



Tgt Ion:117 Resp: 45923
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 32.7 25.6 38.4

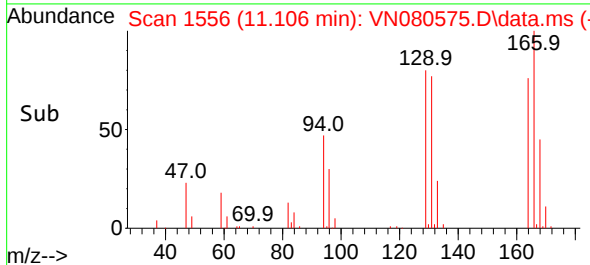
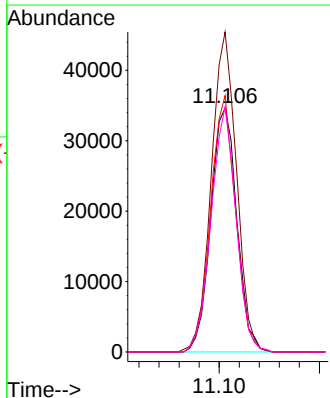
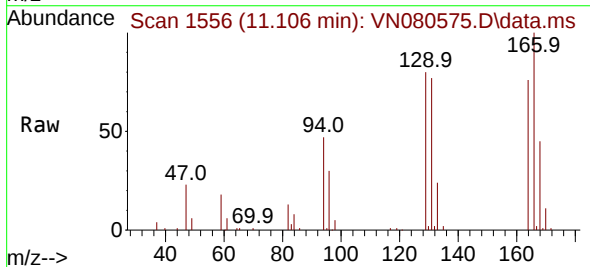
Manual Integrations
APPROVED

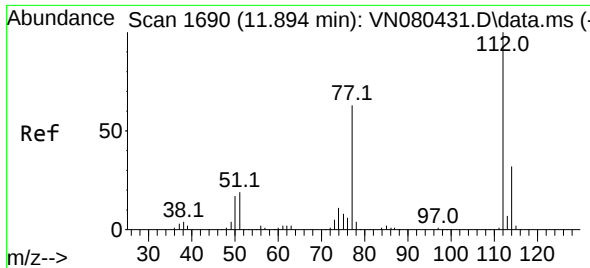
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#64
Tetrachloroethene
Concen: 17.618 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion:164 Resp: 62467
Ion Ratio Lower Upper
164 100
166 131.2 101.4 152.0
129 105.1 82.4 123.6
131 100.5 78.2 117.4





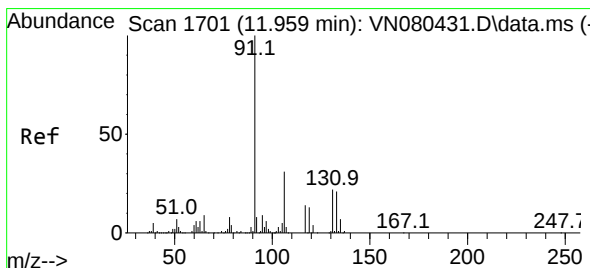
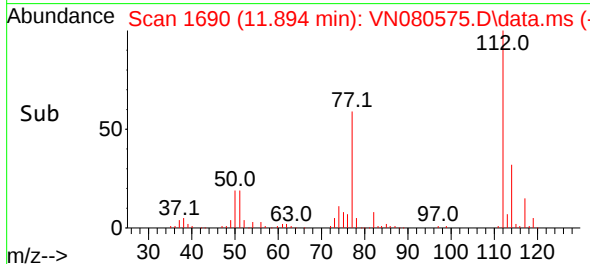
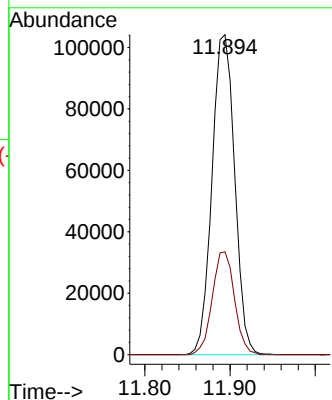
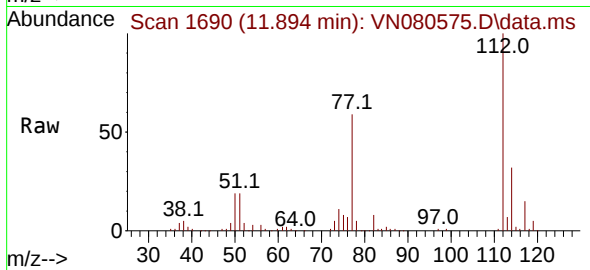
#65
Chlorobenzene
Concen: 18.860 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion:112 Resp: 192670
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

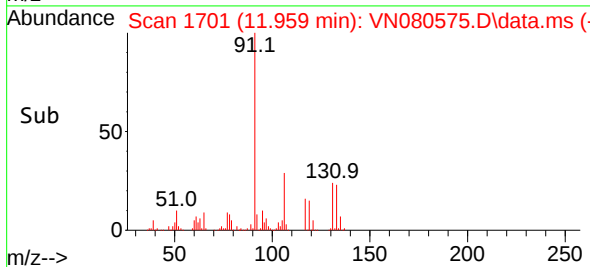
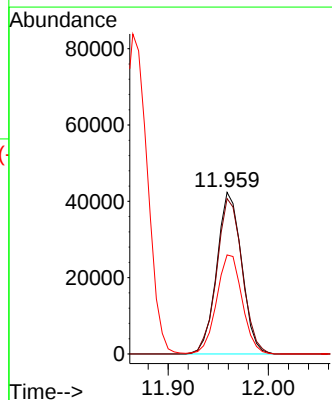
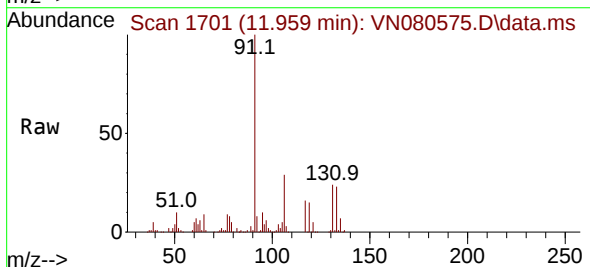
Manual Integrations
APPROVED

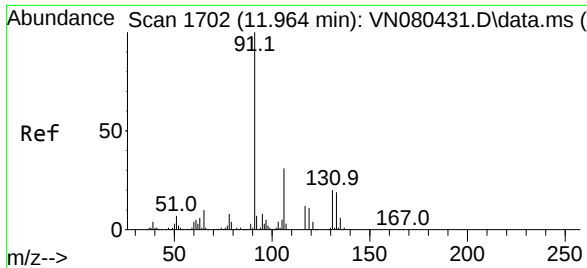
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.272 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

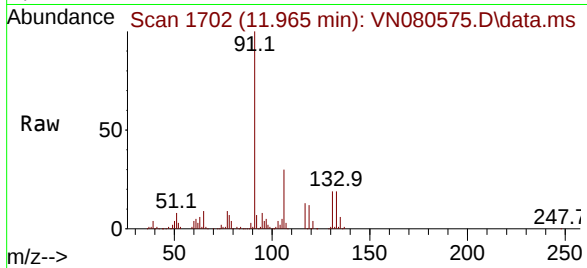
Tgt Ion:131 Resp: 73242
Ion Ratio Lower Upper
131 100
133 98.2 46.4 139.1
119 62.7 34.1 102.2





#67
Ethyl Benzene
Concen: 17.777 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

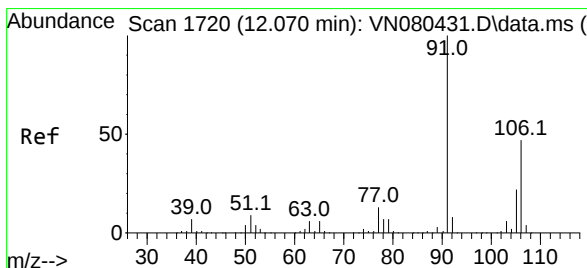
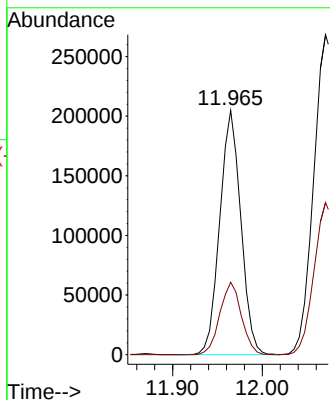
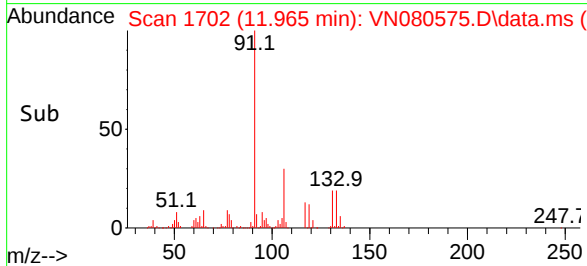
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



Tgt Ion: 91 Resp: 33393
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

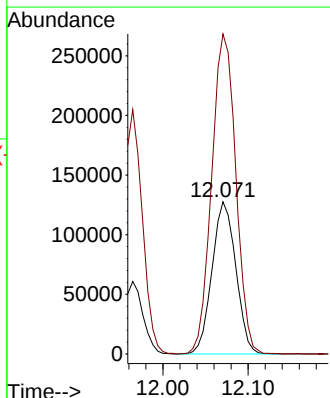
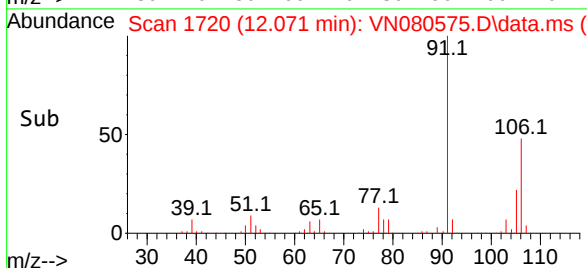
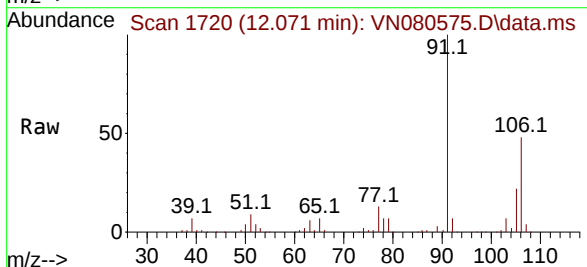
Manual Integrations
APPROVED

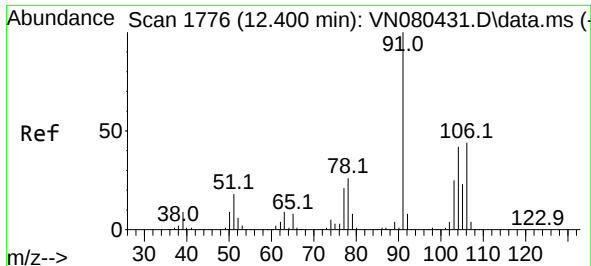
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#68
m/p-Xylenes
Concen: 35.682 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion:106 Resp: 247674
Ion Ratio Lower Upper
106 100
91 213.3 159.6 239.4





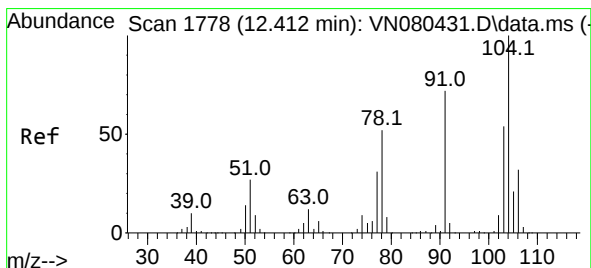
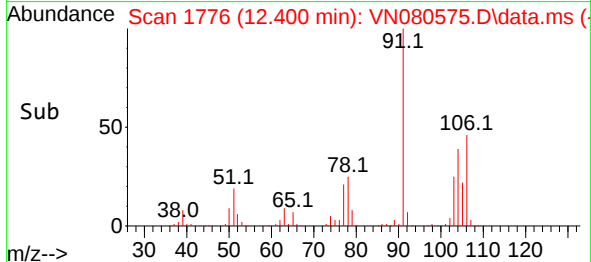
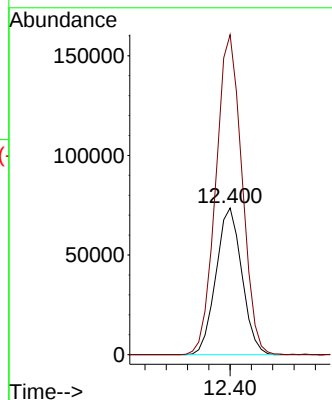
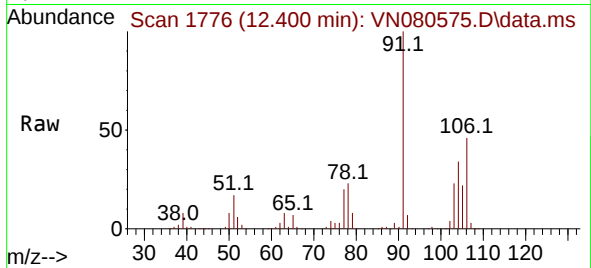
#69
o-Xylene
Concen: 18.273 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion:106 Resp: 124062
Ion Ratio Lower Upper
106 100
91 220.2 105.2 315.5

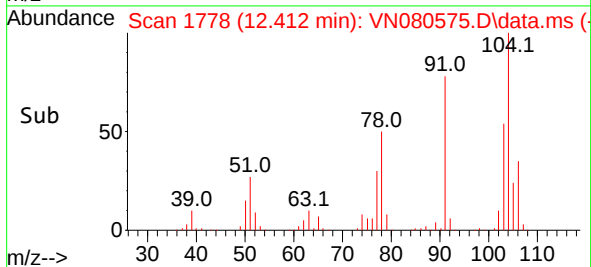
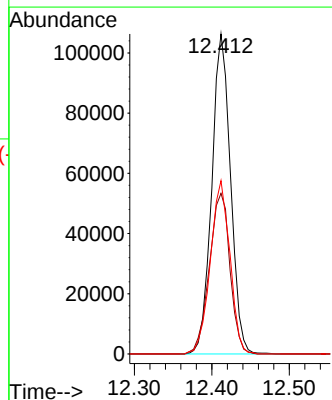
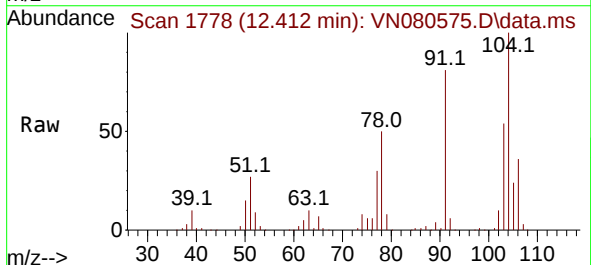
Manual Integrations
APPROVED

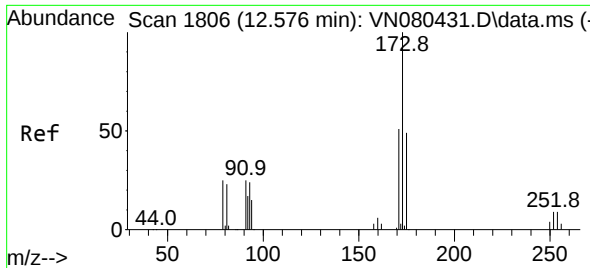
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#70
Styrene
Concen: 18.314 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion:104 Resp: 179102
Ion Ratio Lower Upper
104 100
78 55.0 39.5 59.3
103 56.3 43.2 64.8





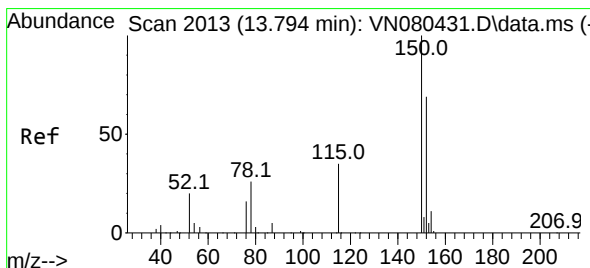
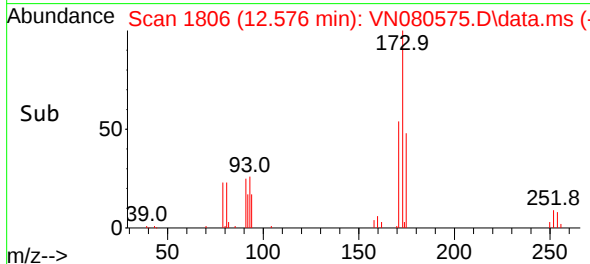
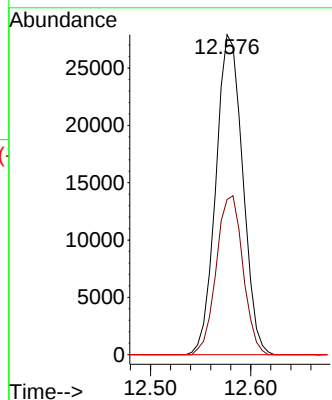
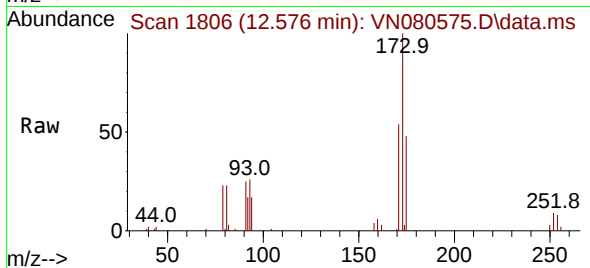
#71
Bromoform
Concen: 17.727 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion:173 Resp: 51820
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0

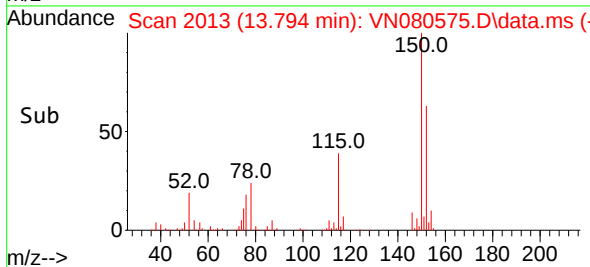
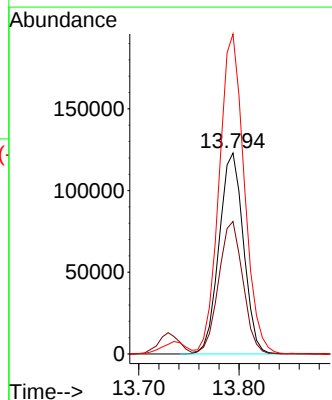
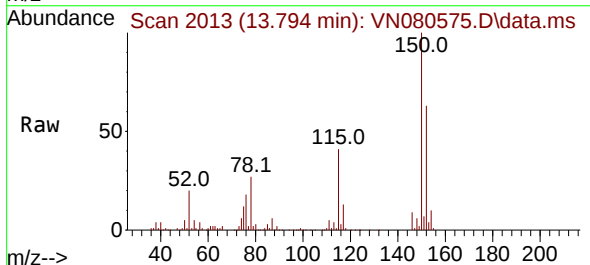
Manual Integrations
APPROVED

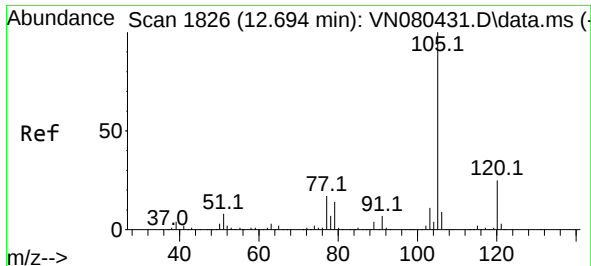
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

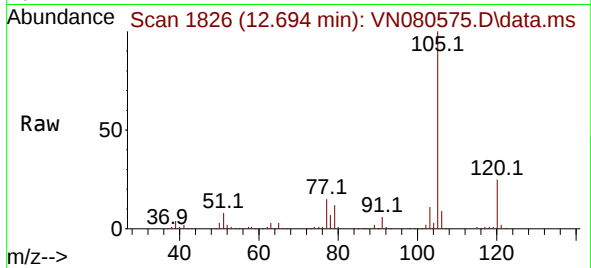
Tgt Ion:152 Resp: 206958
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 164.8 0.0 355.8





#73
Isopropylbenzene
Concen: 18.549 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

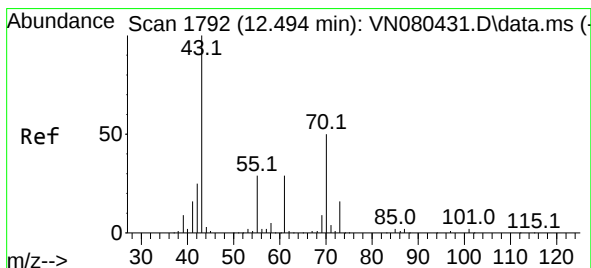
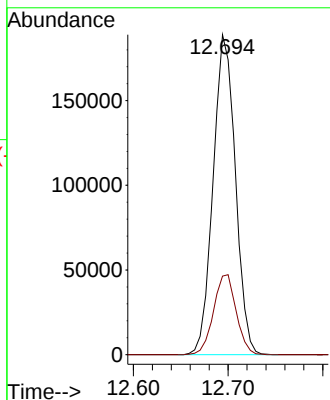
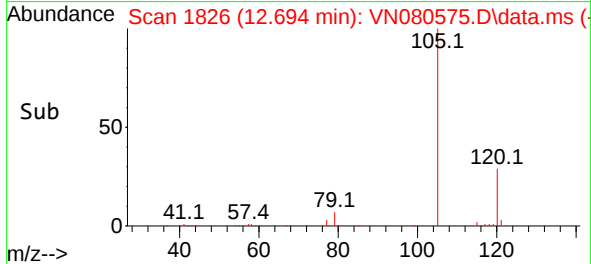
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



Tgt Ion:105 Resp: 30838
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

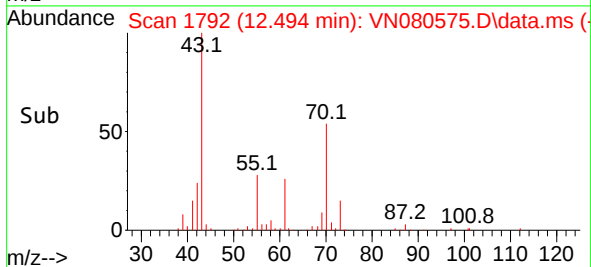
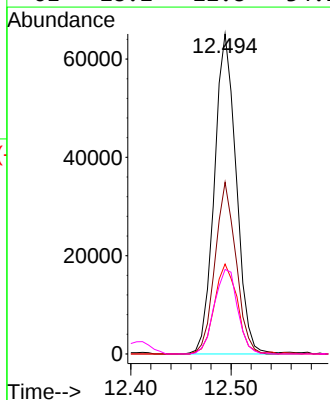
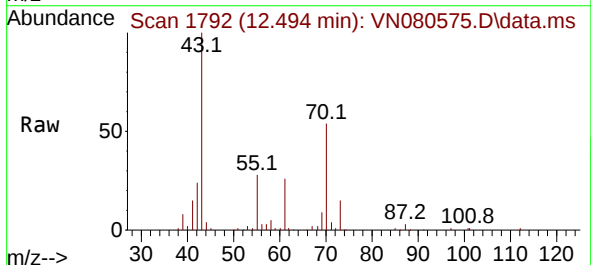
Manual Integrations
APPROVED

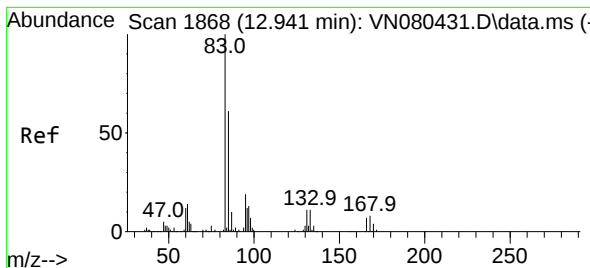
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#74
N-ethyl acetate
Concen: 20.314 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

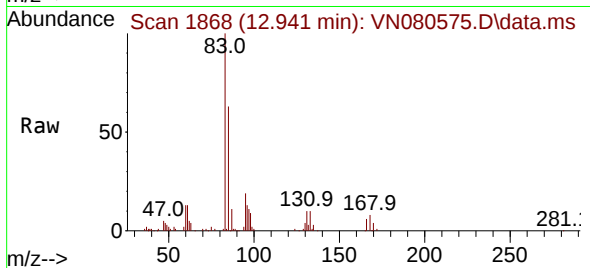
Tgt Ion: 43 Resp: 98621
Ion Ratio Lower Upper
43 100
70 51.5 43.4 65.2
55 29.5 21.4 32.0
61 28.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.712 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

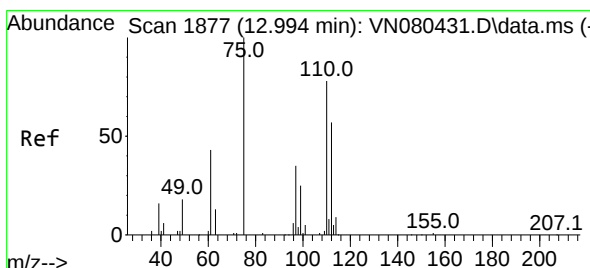
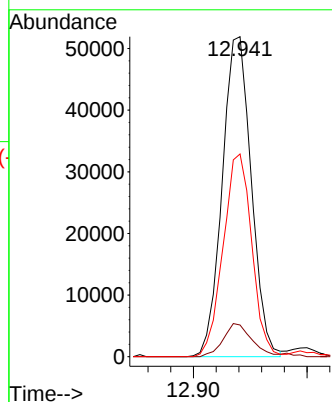
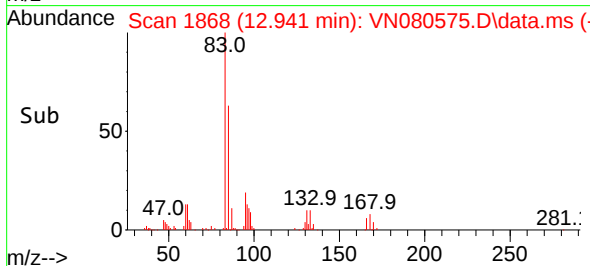
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



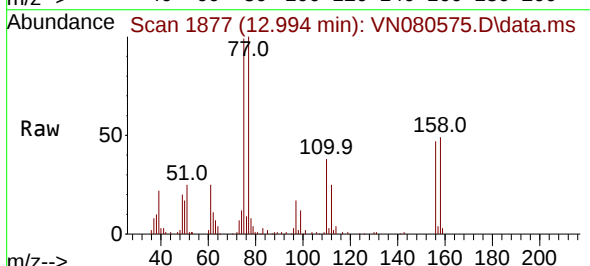
Tgt Ion: 83 Resp: 92272
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 62.3 31.9 95.7

Manual Integrations
APPROVED

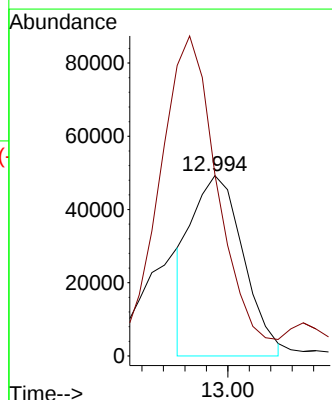
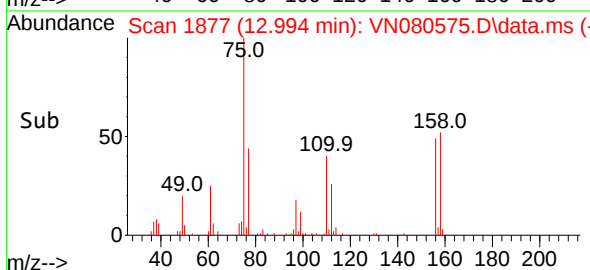
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

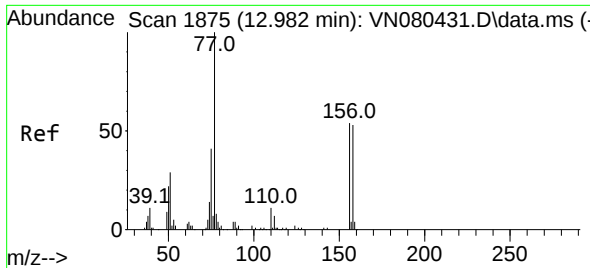


#76
1,2,3-Trichloropropane
Concen: 20.015 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



Tgt Ion: 75 Resp: 82635
Ion Ratio Lower Upper
75 100
77 203.0 84.5 253.5





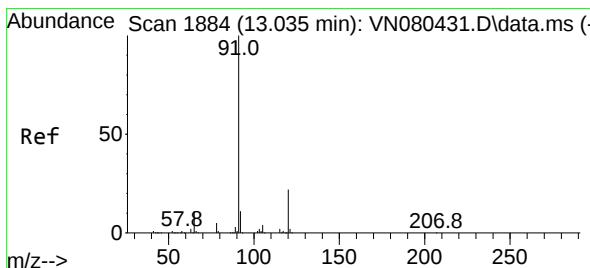
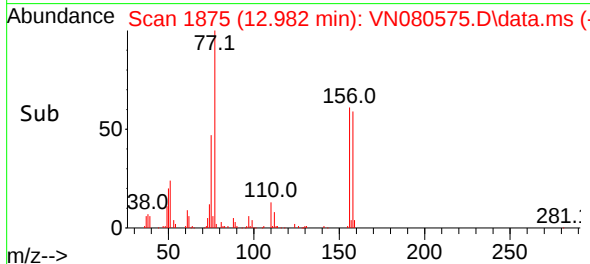
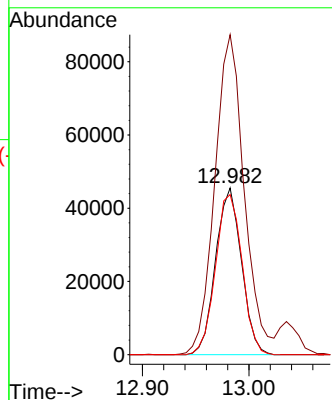
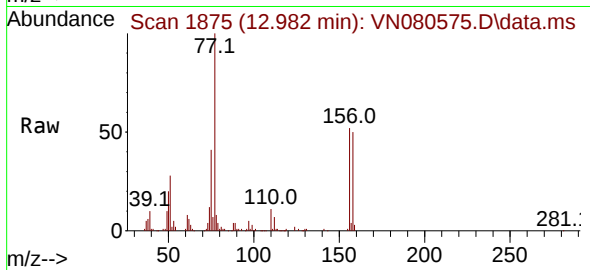
#77
Bromobenzene
Concen: 18.770 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion:156 Resp: 7676
Ion Ratio Lower Upper
156 100
77 218.5 107.7 323.3
158 98.9 48.4 145.3

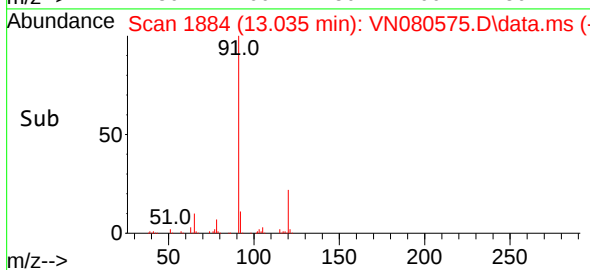
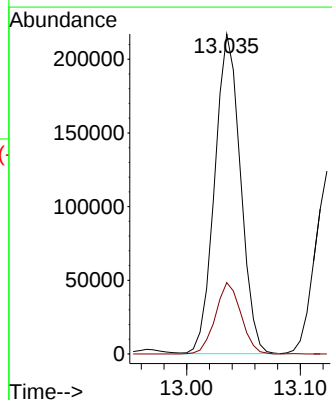
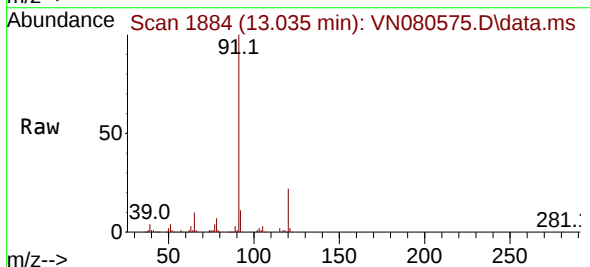
Manual Integrations
APPROVED

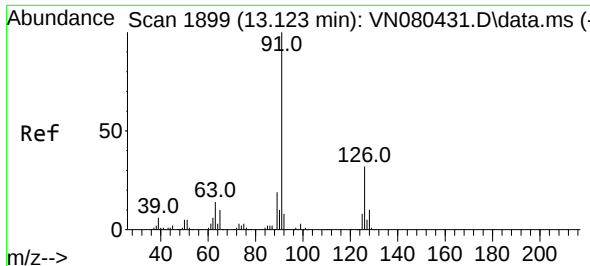
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#78
n-propylbenzene
Concen: 18.689 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion: 91 Resp: 342575
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





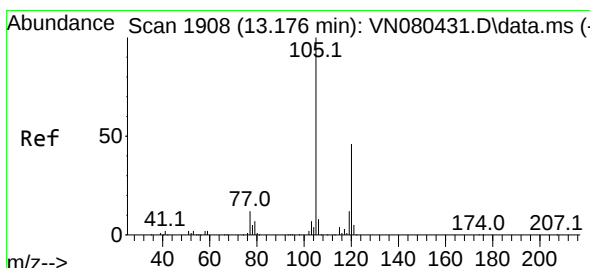
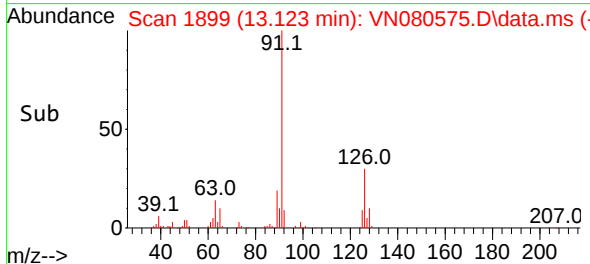
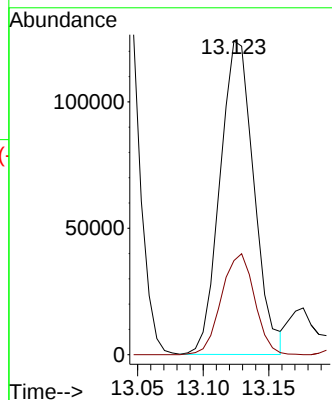
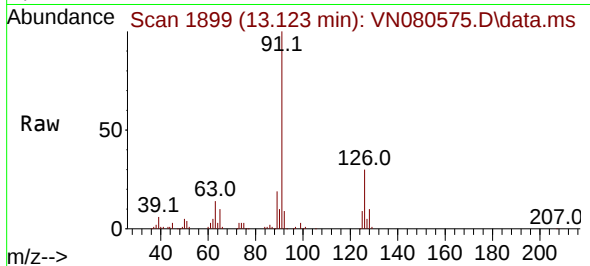
#79
2-Chlorotoluene
Concen: 18.645 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion: 91 Resp: 223128
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

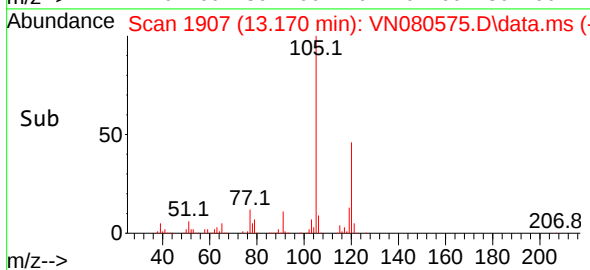
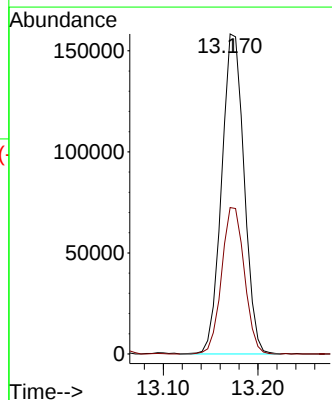
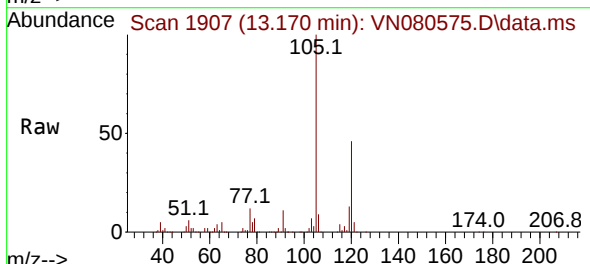
Manual Integrations
APPROVED

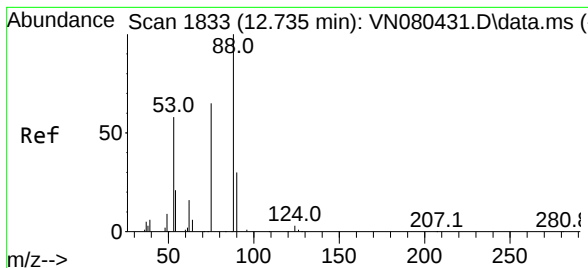
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.231 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

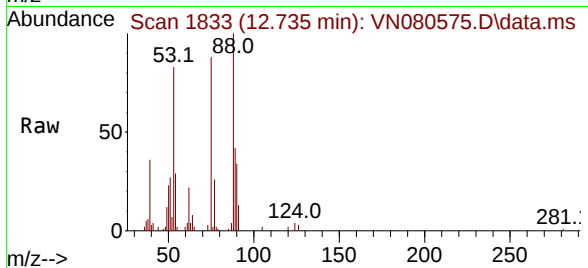
Tgt Ion:105 Resp: 261039
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.524 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

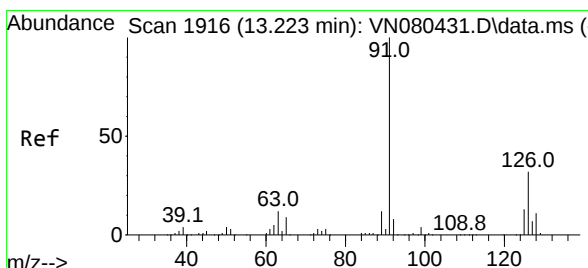
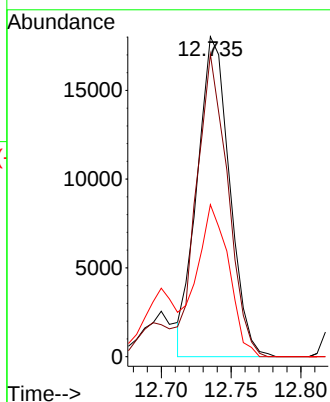
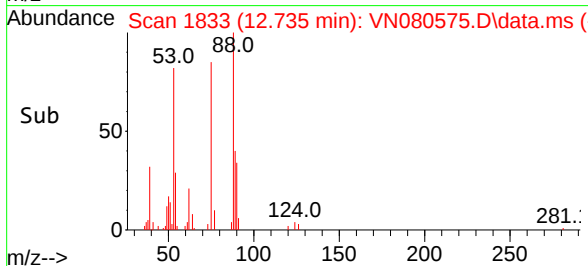
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



Tgt Ion: 75 Resp: 29129
Ion Ratio Lower Upper
75 100
53 91.9 67.4 101.2
89 47.8 38.8 58.2

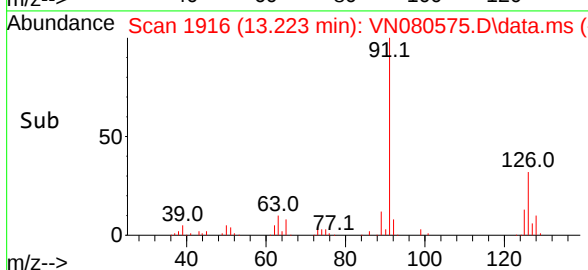
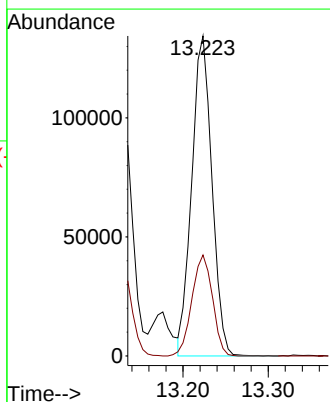
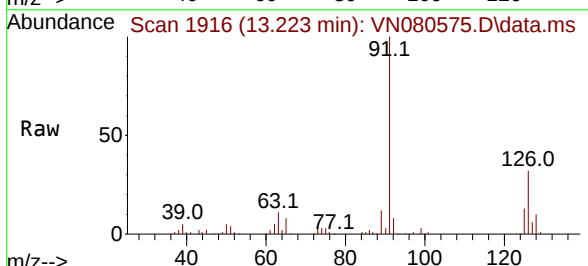
Manual Integrations
APPROVED

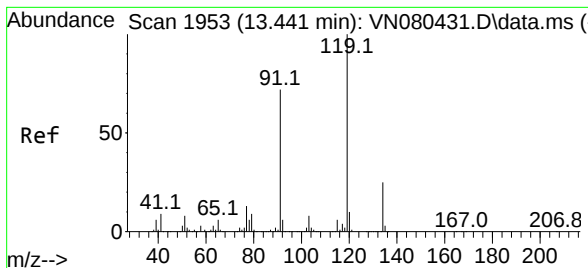
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#82
4-Chlorotoluene
Concen: 17.972 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion: 91 Resp: 221073
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





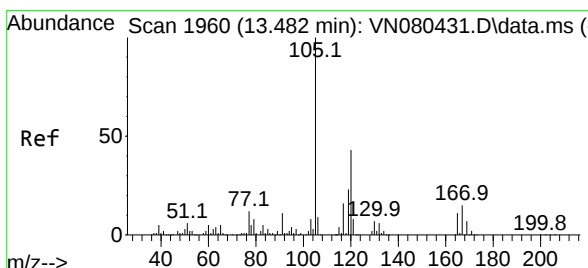
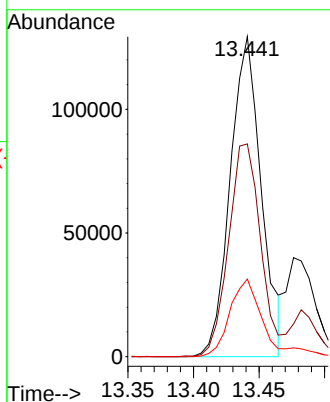
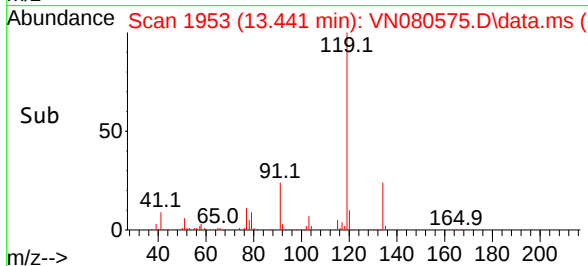
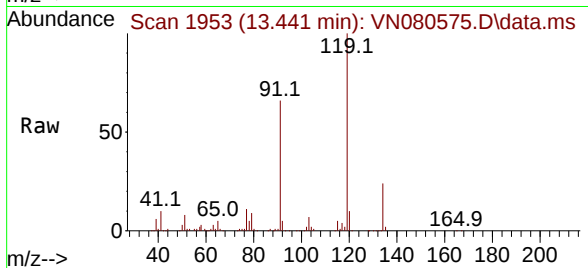
#83
tert-Butylbenzene
Concen: 18.174 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion:119 Resp: 21311
Ion Ratio Lower Upper
119 100
91 68.4 33.9 101.7
134 26.2 13.2 39.6

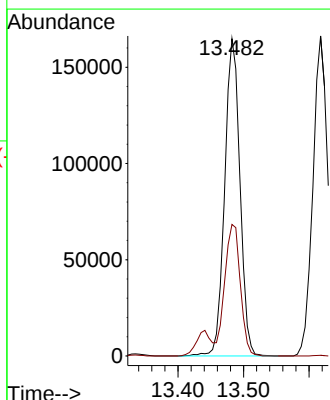
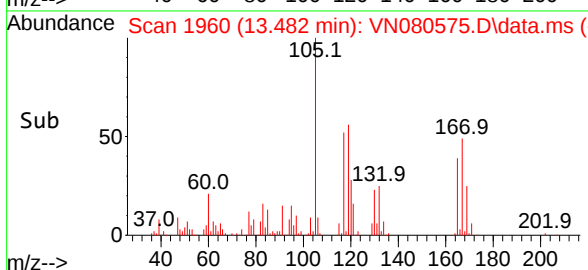
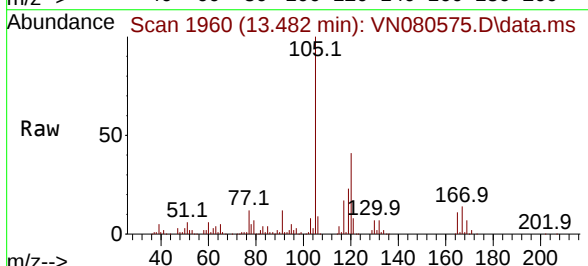
Manual Integrations
APPROVED

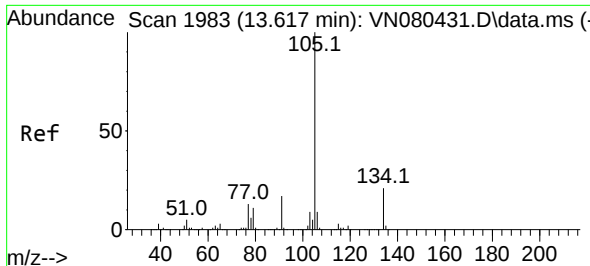
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.673 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion:105 Resp: 265991
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





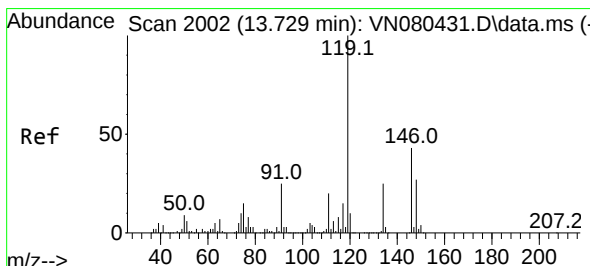
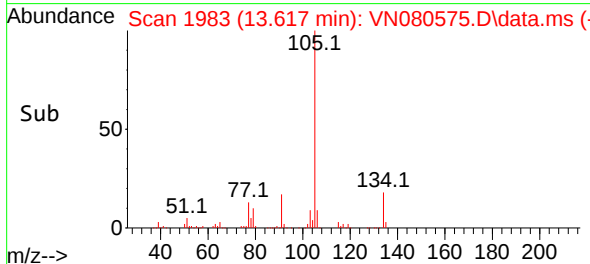
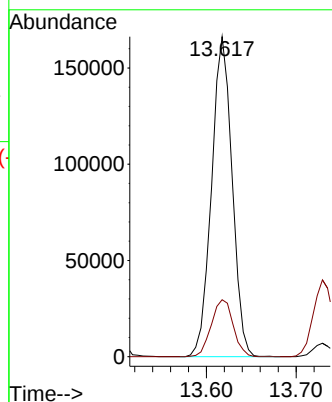
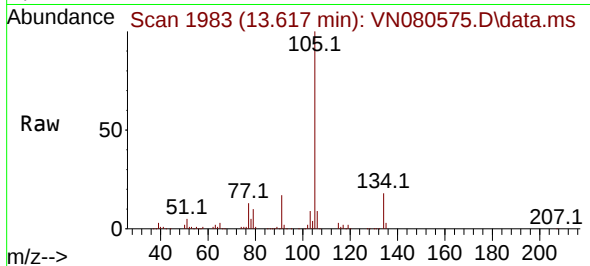
#85
 sec-Butylbenzene
 Concen: 17.640 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBSD01

Tgt Ion:105 Resp: 264610
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

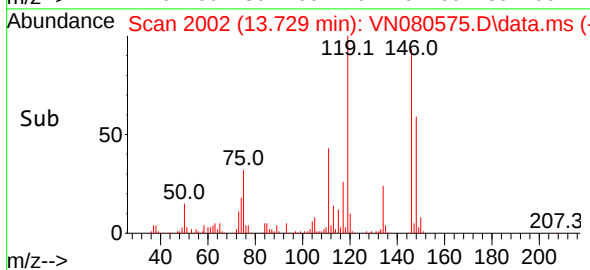
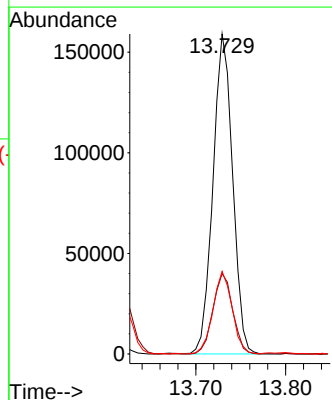
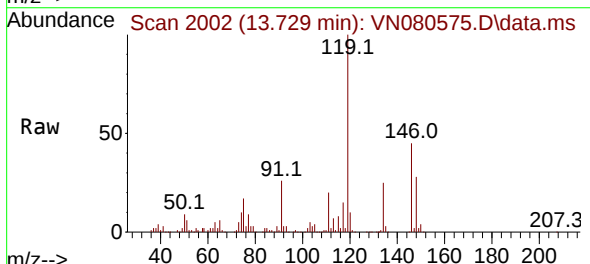
Manual Integrations
 APPROVED

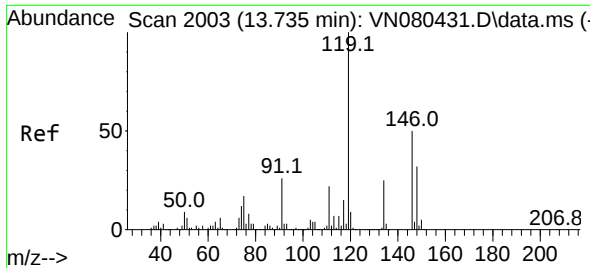
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#86
 p-Isopropyltoluene
 Concen: 17.860 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080575.D
 Acq: 21 Dec 2023 15:51

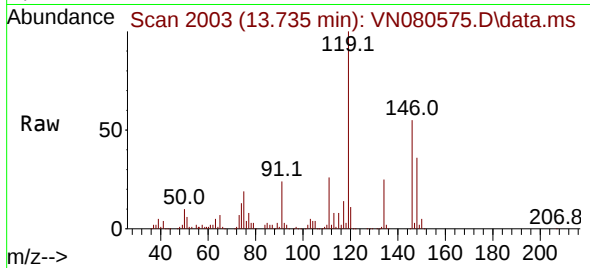
Tgt Ion:119 Resp: 241909
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 25.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.063 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

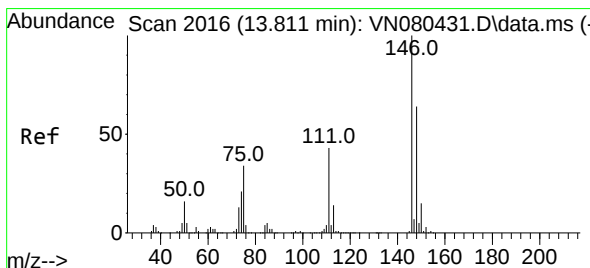
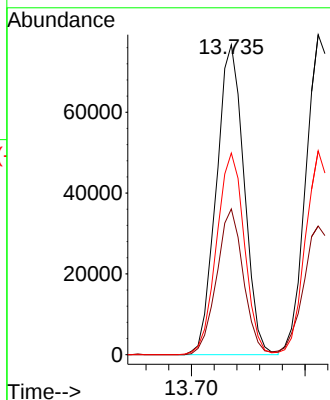
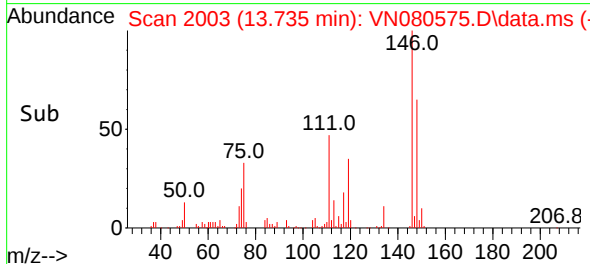
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



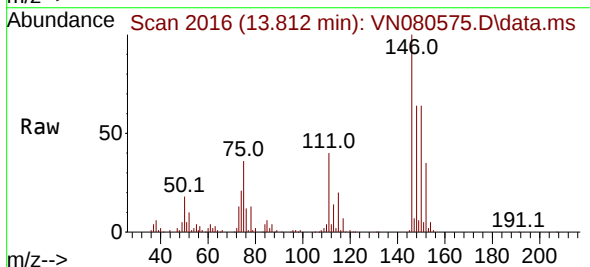
Tgt Ion:146 Resp: 13015
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.3
148 65.1 32.0 96.0

Manual Integrations
APPROVED

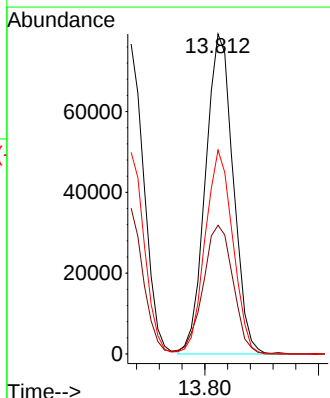
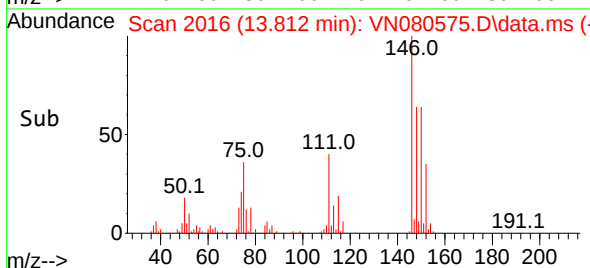
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

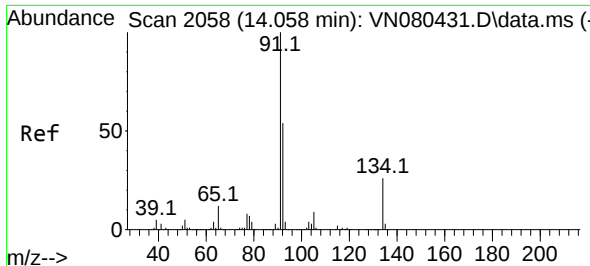


#88
1,4-Dichlorobenzene
Concen: 18.408 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



Tgt Ion:146 Resp: 133898
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.8
148 63.7 31.6 94.8





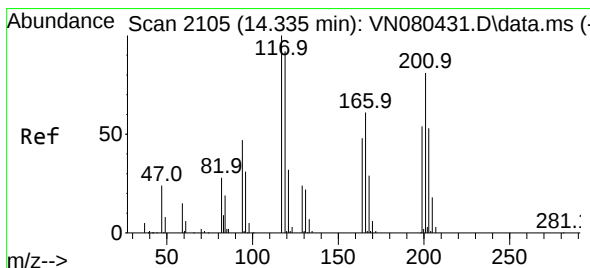
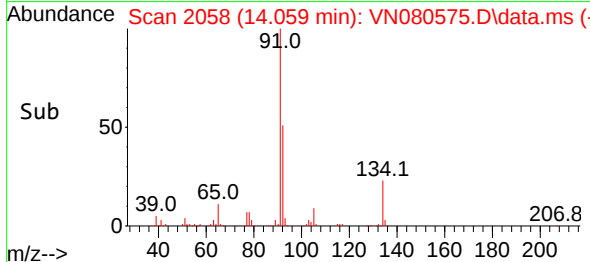
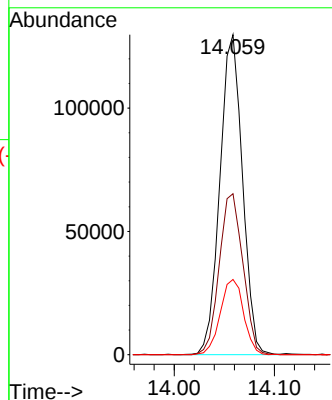
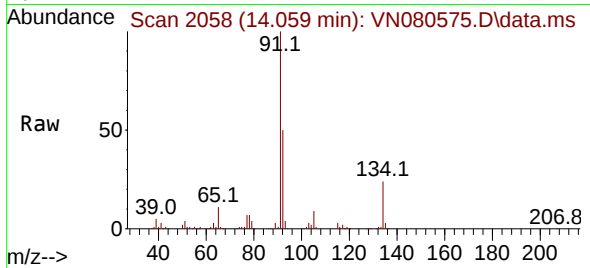
#89
n-Butylbenzene
Concen: 17.940 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion: 91 Resp: 20292
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 24.3 12.6 37.6

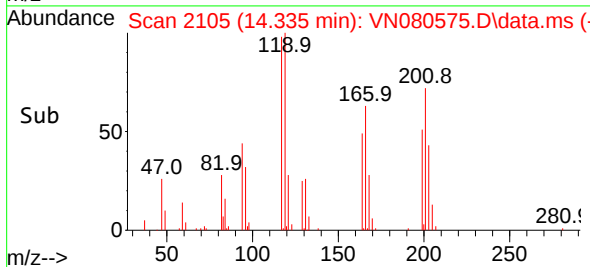
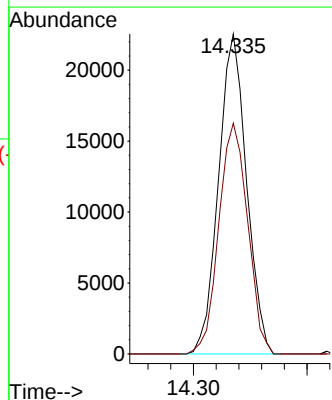
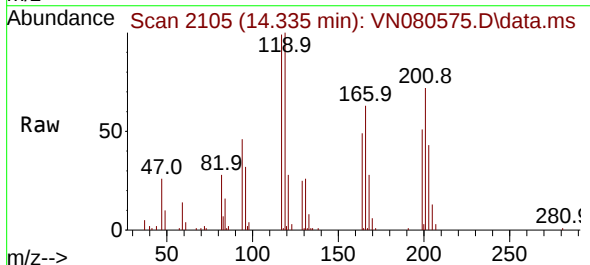
Manual Integrations
APPROVED

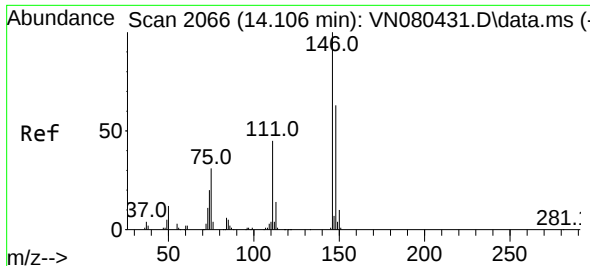
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#90
Hexachloroethane
Concen: 17.938 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Tgt Ion:117 Resp: 38585
Ion Ratio Lower Upper
117 100
201 74.2 29.3 88.0





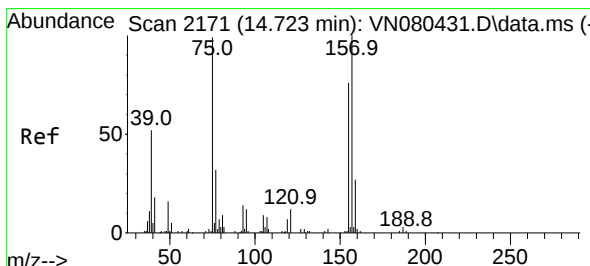
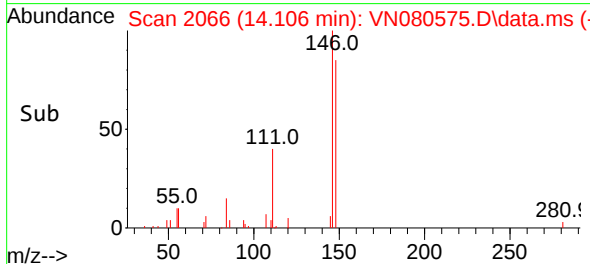
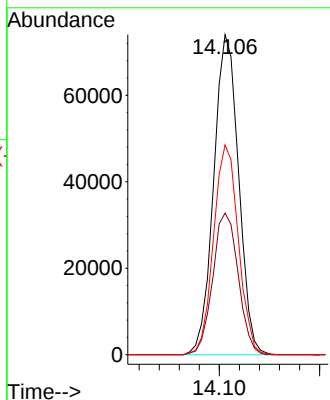
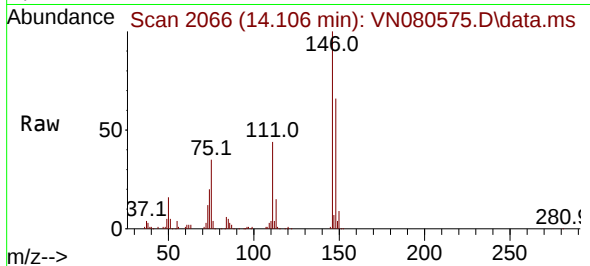
#91
1,2-Dichlorobenzene
Concen: 18.625 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01

Tgt Ion:146 Resp: 12744
Ion Ratio Lower Upper
146 100
111 45.3 22.0 66.0
148 65.3 31.8 95.3

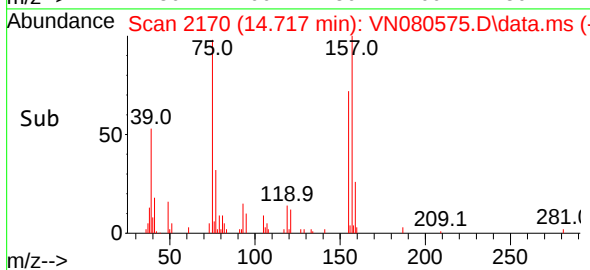
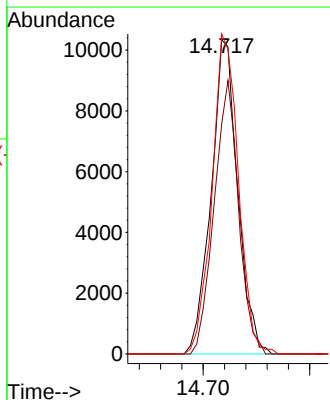
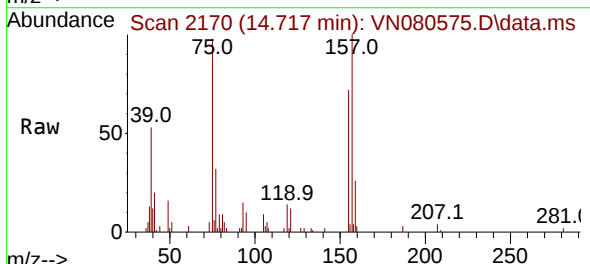
Manual Integrations
APPROVED

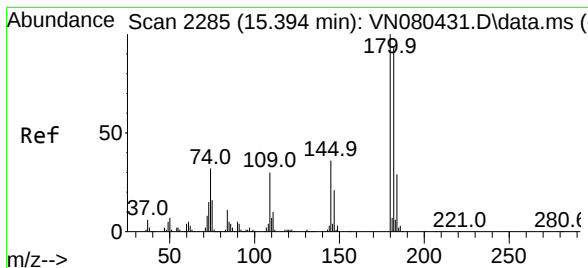
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.121 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

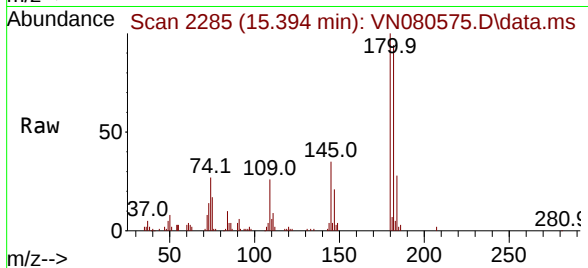
Tgt Ion: 75 Resp: 17918
Ion Ratio Lower Upper
75 100
155 80.0 39.1 117.2
157 100.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 18.493 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

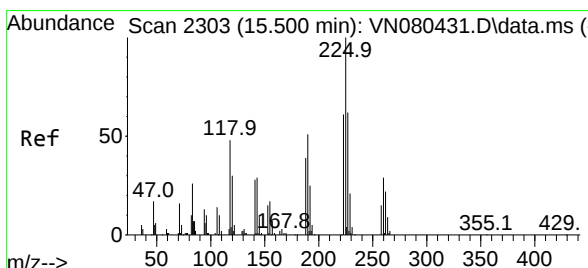
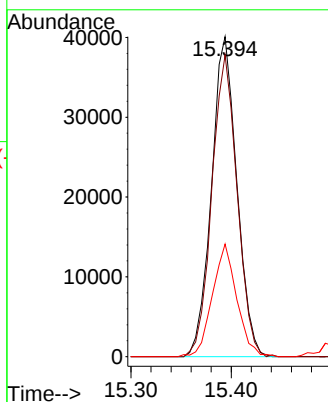
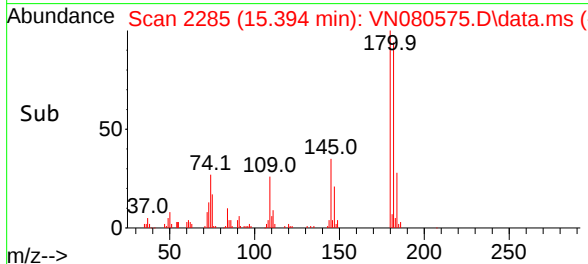
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



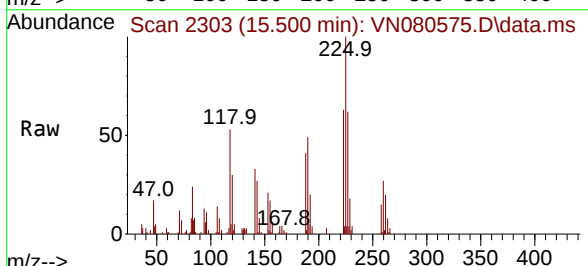
Tgt Ion:180 Resp: 7025
Ion Ratio Lower Upper
180 100
182 93.8 46.1 138.2
145 34.0 16.6 49.8

Manual Integrations
APPROVED

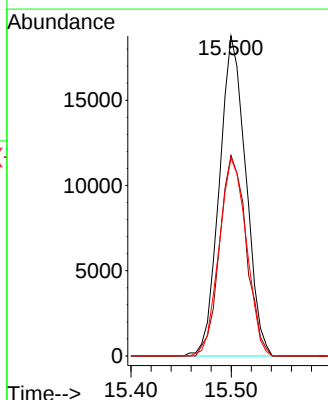
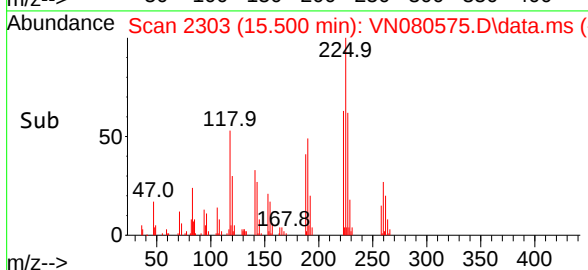
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

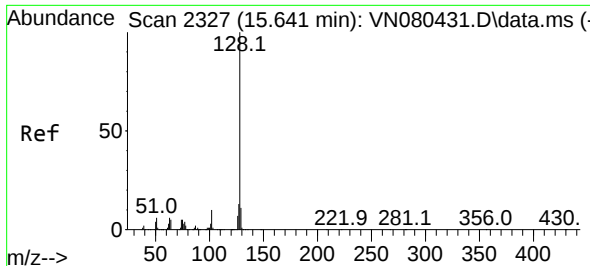


#94
Hexachlorobutadiene
Concen: 15.923 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



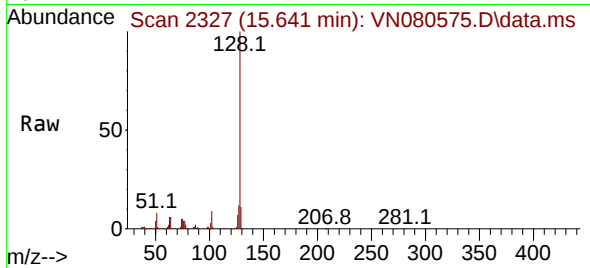
Tgt Ion:225 Resp: 34438
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.8
227 63.5 31.9 95.9





#95
Naphthalene
Concen: 19.328 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51

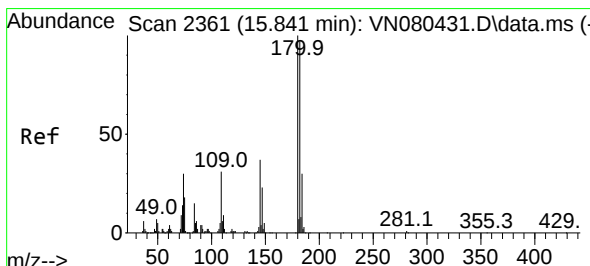
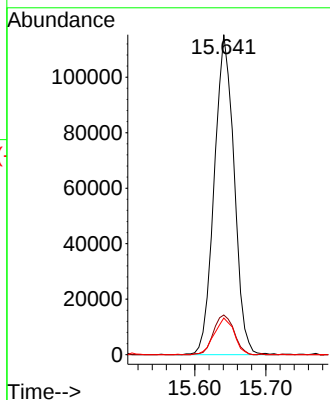
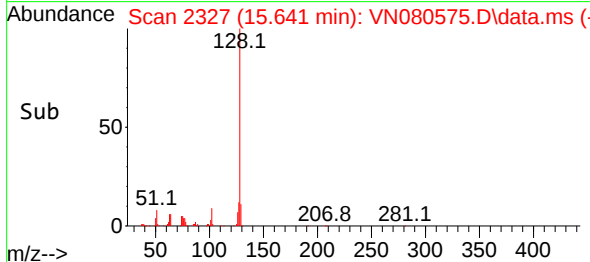
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBSD01



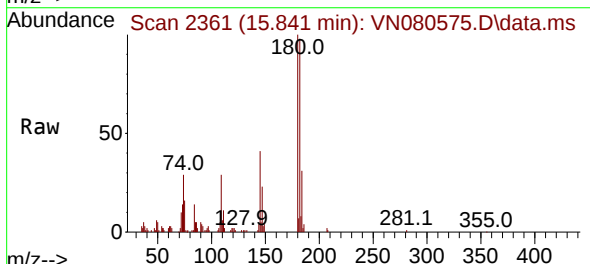
Tgt Ion:128 Resp: 222974
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.627 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080575.D
Acq: 21 Dec 2023 15:51



Tgt Ion:180 Resp: 68290
Ion Ratio Lower Upper
180 100
182 93.7 46.2 138.6
145 37.4 17.5 52.6

