

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080568.D
 Acq On : 21 Dec 2023 13:05
 Operator : JC\MD
 Sample : VN1221MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 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 03:58:11 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	302489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	490237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201839	52.243	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.480%			
35) Dibromofluoromethane	8.165	113	158032	50.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	10.571	98	577229	49.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.580%			
62) 4-Bromofluorobenzene	12.847	95	209351	47.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67659	17.503	ug/l	98
3) Chloromethane	2.360	50	62436	15.154	ug/l	96
4) Vinyl Chloride	2.518	62	53221	16.122	ug/l	99
5) Bromomethane	2.965	94	26697	17.937	ug/l	94
6) Chloroethane	3.124	64	34492	16.260	ug/l	94
7) Trichlorofluoromethane	3.501	101	114498	17.100	ug/l	96
8) Diethyl Ether	3.959	74	39061	18.521	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	57774	18.204	ug/l	95
10) Methyl Iodide	4.589	142	41072	14.713	ug/l #	88
11) Tert butyl alcohol	5.518	59	41413	91.015	ug/l	99
12) 1,1-Dichloroethene	4.342	96	56252	17.299	ug/l	89
13) Acrolein	4.171	56	55002	110.379	ug/l	96
14) Allyl chloride	5.018	41	71419	17.751	ug/l	98
15) Acrylonitrile	5.718	53	133587	103.906	ug/l	98
16) Acetone	4.424	43	82369	120.240	ug/l	98
17) Carbon Disulfide	4.718	76	146153	15.859	ug/l	97
18) Methyl Acetate	5.018	43	96108	21.804	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	208340	19.203	ug/l	98
20) Methylene Chloride	5.277	84	67507	18.414	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	62154	17.628	ug/l	90
22) Diisopropyl ether	6.671	45	176669	20.345	ug/l	95
23) Vinyl Acetate	6.600	43	435000	87.222	ug/l	94
24) 1,1-Dichloroethane	6.565	63	112449	18.561	ug/l	99
25) 2-Butanone	7.483	43	138137	104.675	ug/l	95
26) 2,2-Dichloropropane	7.494	77	101919	16.452	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	71006	17.791	ug/l	91
28) Bromochloromethane	7.812	49	48764	20.964	ug/l	96
29) Tetrahydrofuran	7.836	42	93835	99.297	ug/l	91
30) Chloroform	7.965	83	128237	19.069	ug/l	93
31) Cyclohexane	8.259	56	87335	16.623	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	119123	18.092	ug/l	95
36) 1,1-Dichloropropene	8.371	75	88273	17.369	ug/l	97
37) Ethyl Acetate	7.559	43	57027	17.919	ug/l	99
38) Carbon Tetrachloride	8.359	117	103924	17.113	ug/l	90
39) Methylcyclohexane	9.600	83	81570	15.450	ug/l	91
40) Benzene	8.606	78	265130	18.066	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36486	19.886	ug/l	93
42) 1,2-Dichloroethane	8.671	62	98367	18.100	ug/l	100
43) Isopropyl Acetate	8.688	43	108464	18.955	ug/l	96
44) Trichloroethene	9.353	130	69907	17.669	ug/l	97
45) 1,2-Dichloropropane	9.618	63	64670	18.762	ug/l	95
46) Dibromomethane	9.706	93	45694	18.460	ug/l	90
47) Bromodichloromethane	9.888	83	99265	18.711	ug/l	97
48) Methyl methacrylate	9.683	41	61481	18.004	ug/l	91
49) 1,4-Dioxane	9.694	88	17393	336.038	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	300715	95.420	ug/l	100
52) Toluene	10.630	92	167088	18.022	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	102575	17.871	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	108919	17.753	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	66980	20.078	ug/l	98
56) Ethyl methacrylate	10.877	69	64842	17.556	ug/l	89
57) 1,3-Dichloropropane	11.165	76	112734	19.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	192298	82.473	ug/l	97
59) 2-Hexanone	11.194	43	227570	97.813	ug/l	98
60) Dibromochloromethane	11.359	129	74148	18.757	ug/l	98
61) 1,2-Dibromoethane	11.471	107	64555	18.697	ug/l	98
64) Tetrachloroethene	11.106	164	56407	17.739	ug/l	97
65) Chlorobenzene	11.894	112	170754	18.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	68364	19.017	ug/l	96
67) Ethyl Benzene	11.965	91	300387	17.831	ug/l	95
68) m/p-Xylenes	12.071	106	226156	36.330	ug/l	91
69) o-Xylene	12.400	106	108334	17.793	ug/l	90
70) Styrene	12.412	104	165905	18.916	ug/l	95
71) Bromoform	12.582	173	46615	17.781	ug/l #	99
73) Isopropylbenzene	12.694	105	275386	18.476	ug/l	98
74) N-amyl acetate	12.494	43	86548	19.885	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	81412	20.384	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	74344m	20.085	ug/l	
77) Bromobenzene	12.982	156	69403	18.929	ug/l	98
78) n-propylbenzene	13.035	91	305962	18.618	ug/l	99
79) 2-Chlorotoluene	13.124	91	202368	18.862	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	241156	18.786	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	26166	18.561	ug/l	93
82) 4-Chlorotoluene	13.224	91	206393	18.716	ug/l	95
83) tert-Butylbenzene	13.441	119	186793	17.768	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	231530	18.130	ug/l	99
85) sec-Butylbenzene	13.618	105	240815	17.907	ug/l	99
86) p-Isopropyltoluene	13.729	119	218698	18.011	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	115470	17.874	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	114196	17.512	ug/l	95
89) n-Butylbenzene	14.059	91	175567	17.314	ug/l	98
90) Hexachloroethane	14.335	117	35321	18.316	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	112412	18.325	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	16592	19.750	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	65030	19.093	ug/l	98
94) Hexachlorobutadiene	15.506	225	32370	16.694	ug/l	99
95) Naphthalene	15.641	128	195474	18.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	60958	18.547	ug/l	96

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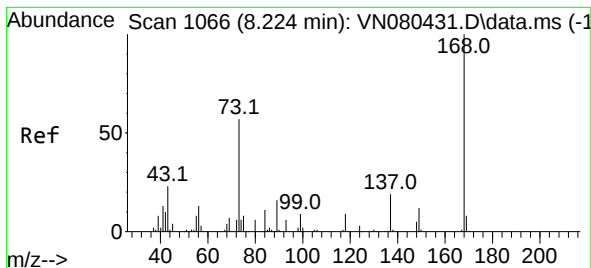
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

Lab File: VN080568.D

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Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion:168 Resp: 302489

Ion Ratio Lower Upper

168 100

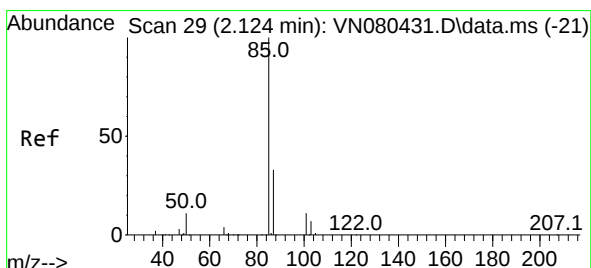
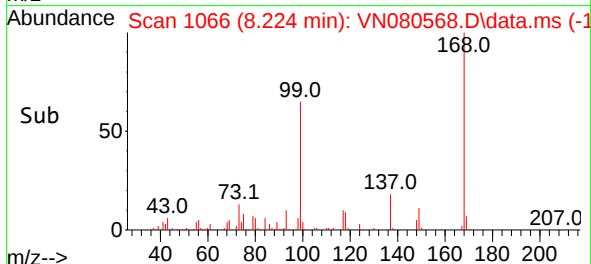
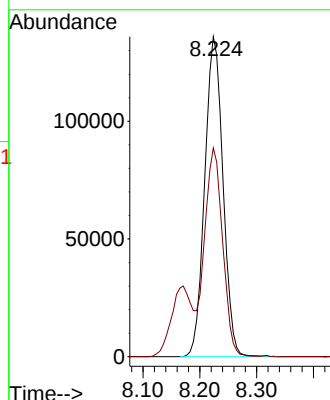
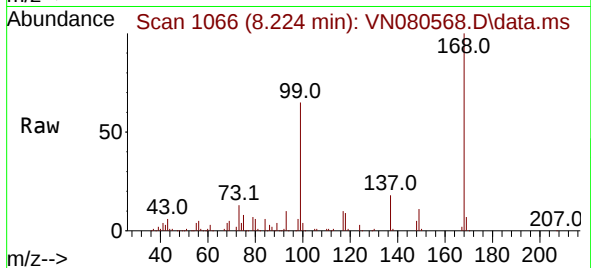
99 65.3 53.0 79.6

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Supervised By :Mahesh Dadoda 12/22/2023



#2

Dichlorodifluoromethane

Concen: 17.503 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080568.D

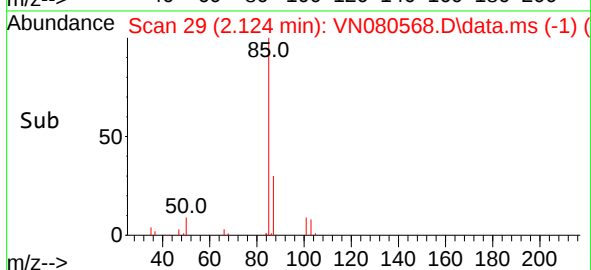
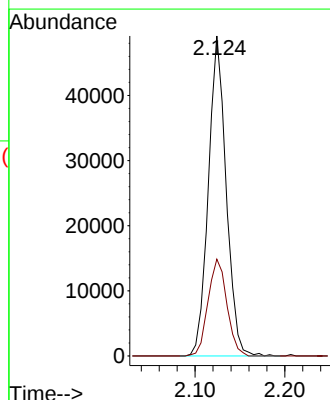
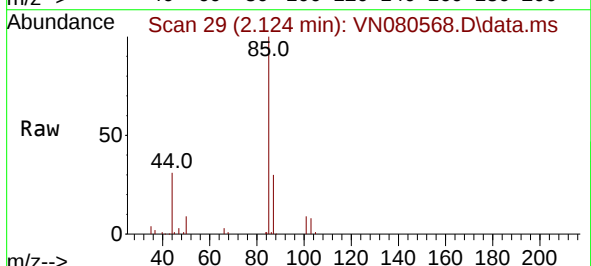
Acq: 21 Dec 2023 13:05

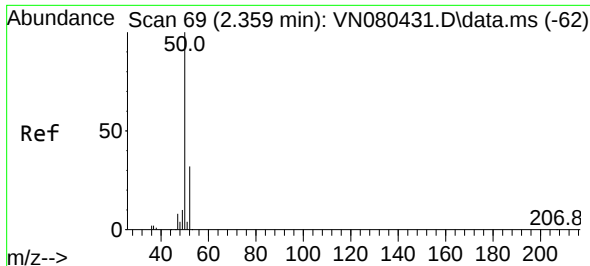
Tgt Ion: 85 Resp: 67659

Ion Ratio Lower Upper

85 100

87 30.2 15.8 47.4





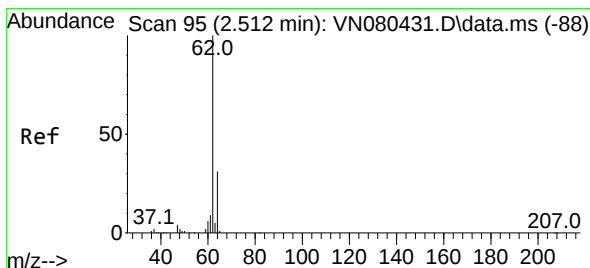
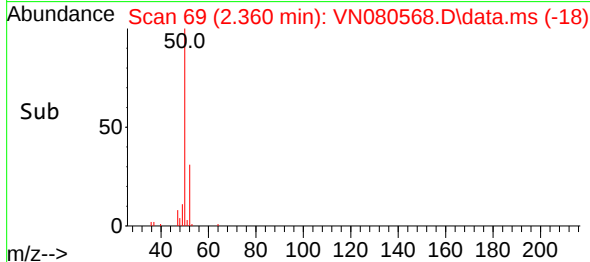
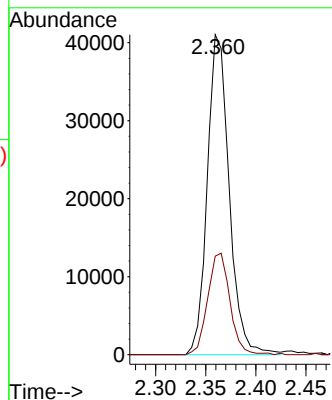
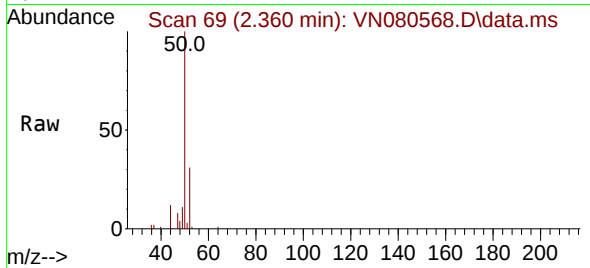
#3
Chloromethane
Concen: 15.154 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
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ClientSampleId :
VN1221MBS01

Tgt Ion: 50 Resp: 62430
Ion Ratio Lower Upper
50 100
52 30.8 26.5 39.7

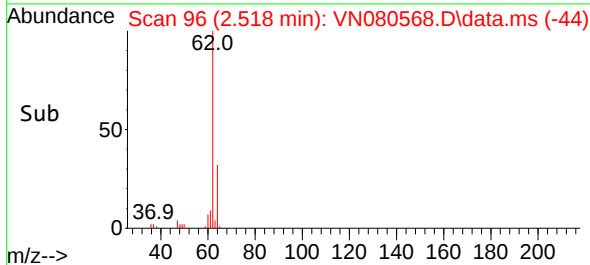
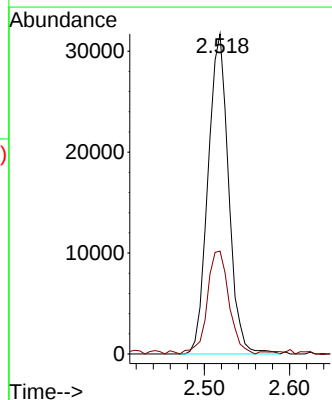
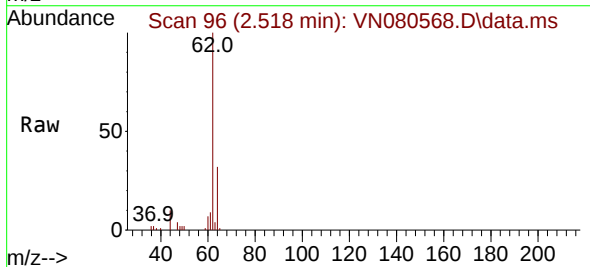
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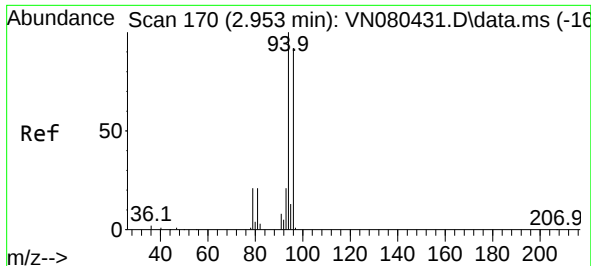
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#4
Vinyl Chloride
Concen: 16.122 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

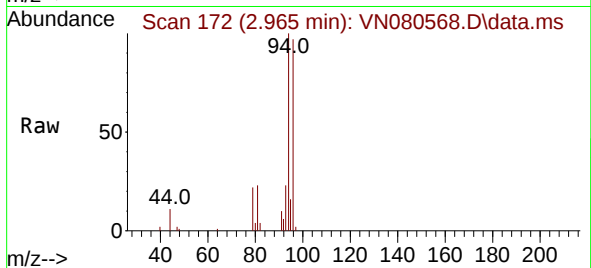
Tgt Ion: 62 Resp: 53221
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 17.937 ug/l
RT: 2.965 min Scan# 170
Delta R.T. 0.012 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

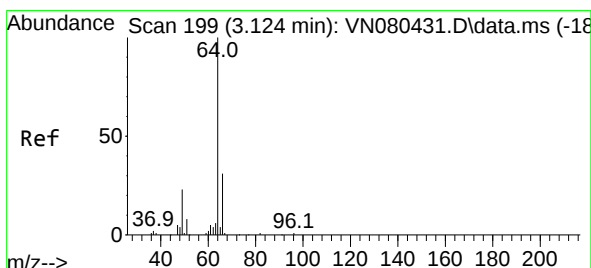
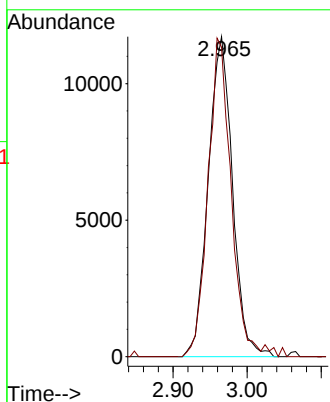
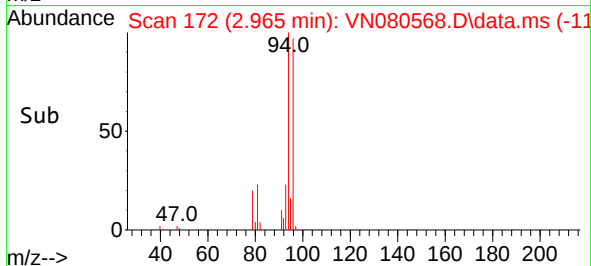
Instrument :
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Tgt Ion: 94 Resp: 2669
Ion Ratio Lower Upper
94 100
96 96.7 73.1 109.7

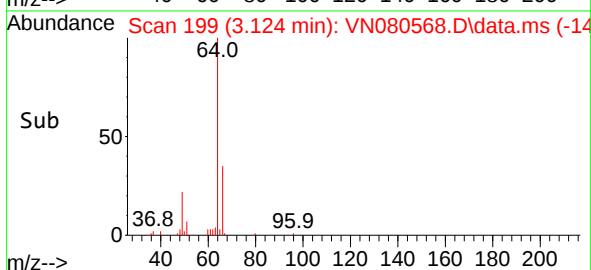
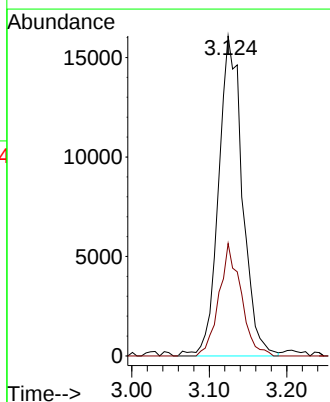
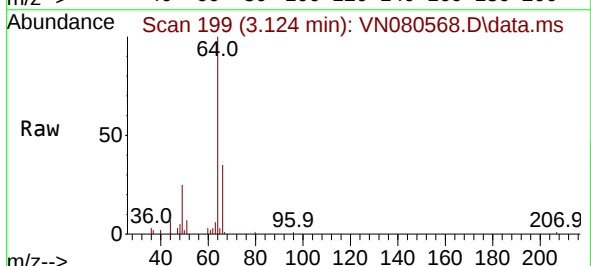
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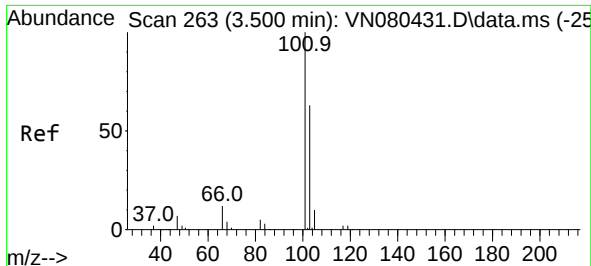
Reviewed By :John Carlone 12/22/2023
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#6
Chloroethane
Concen: 16.260 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
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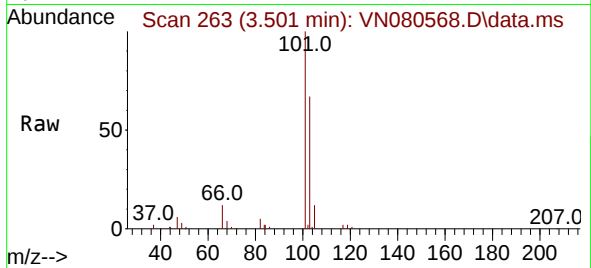
Tgt Ion: 64 Resp: 34492
Ion Ratio Lower Upper
64 100
66 35.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.100 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

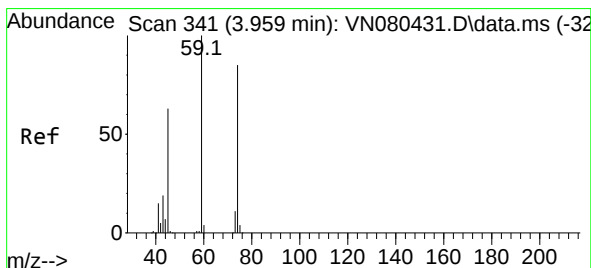
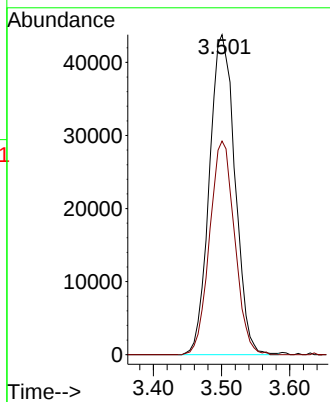
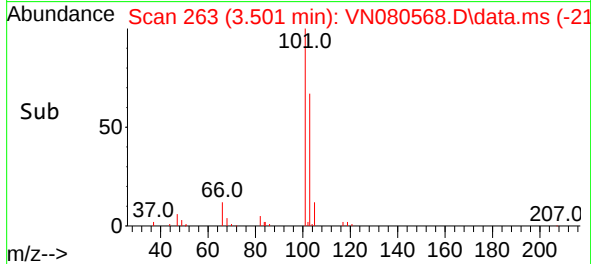
Instrument :
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Tgt Ion:101 Resp: 114498
 Ion Ratio Lower Upper
 101 100
 103 66.8 50.7 76.1

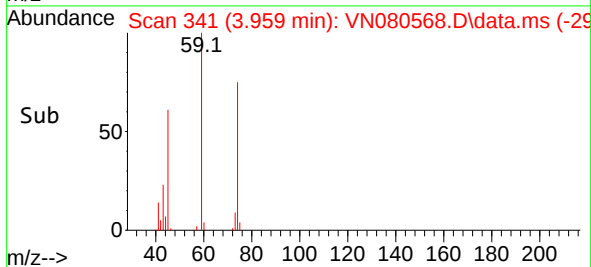
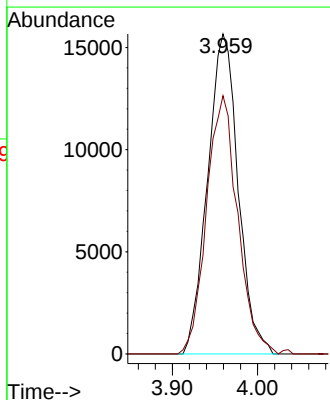
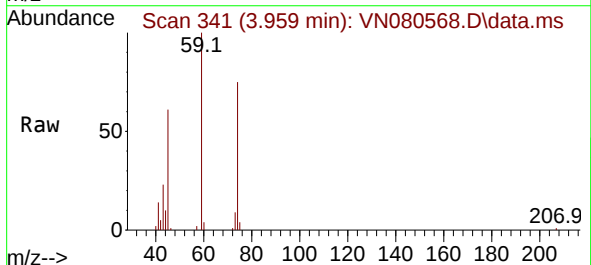
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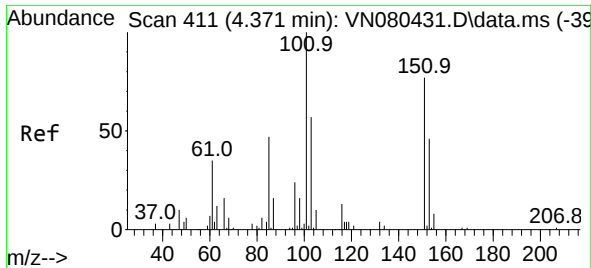
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#8
 Diethyl Ether
 Concen: 18.521 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Tgt Ion: 74 Resp: 39061
 Ion Ratio Lower Upper
 74 100
 45 81.9 34.4 103.3





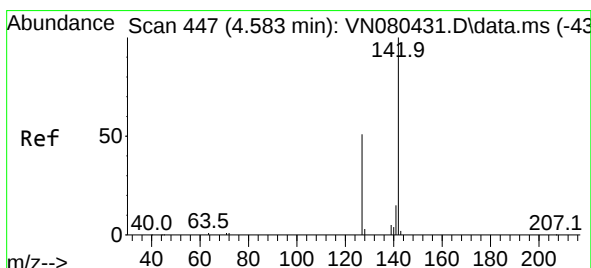
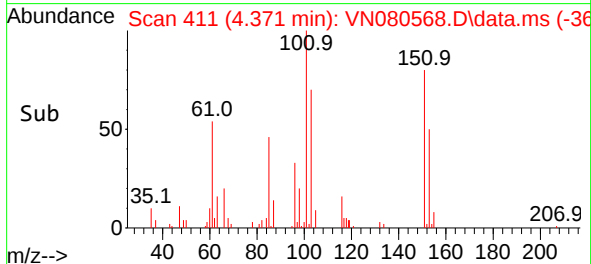
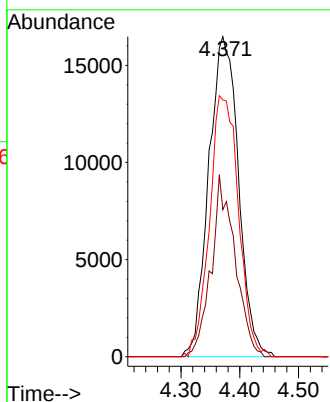
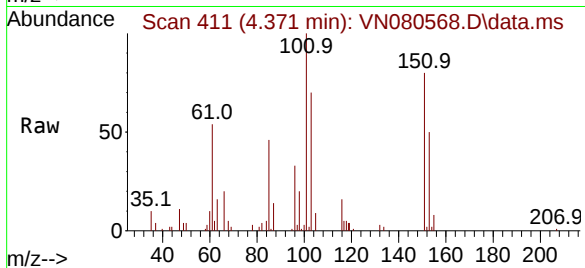
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.204 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:101 Resp: 57774
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 79.3 57.6 86.4

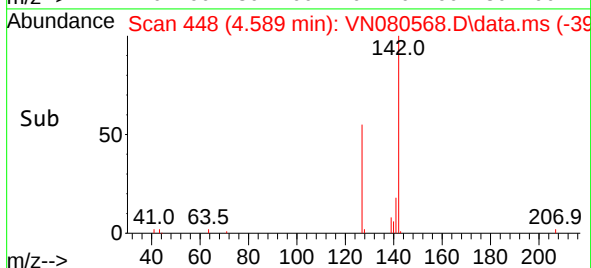
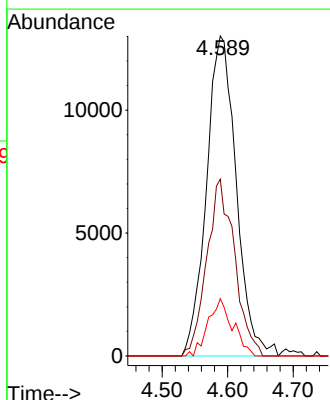
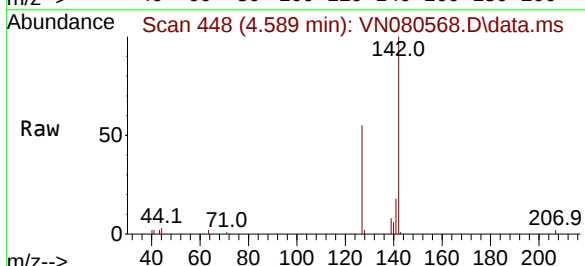
Manual Integrations
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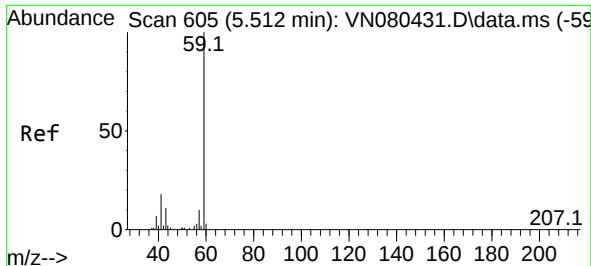
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#10
Methyl Iodide
Concen: 14.713 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

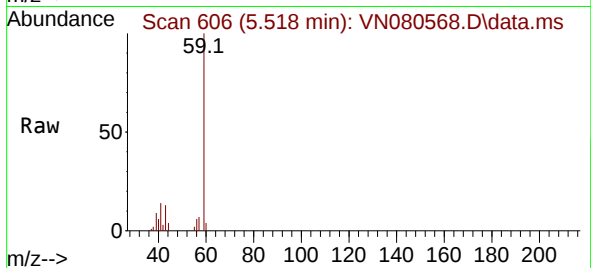
Tgt Ion:142 Resp: 41072
Ion Ratio Lower Upper
142 100
127 55.2 37.6 56.4
141 17.9 11.4 17.0#





#11
Tert butyl alcohol
Concen: 91.015 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

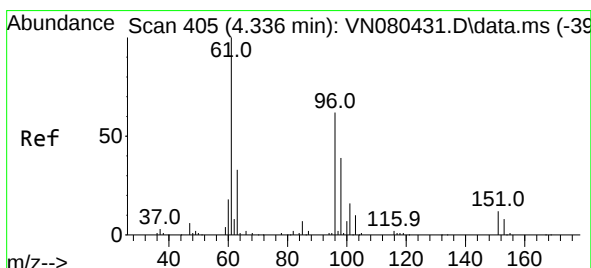
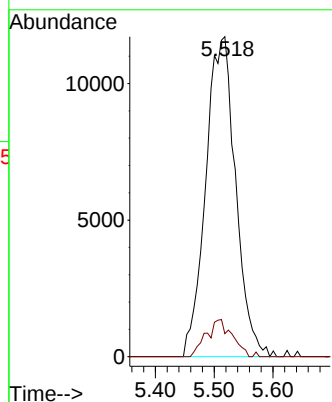
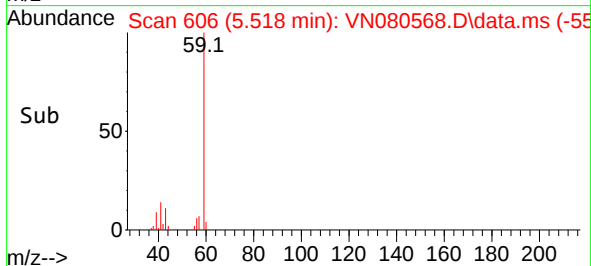
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



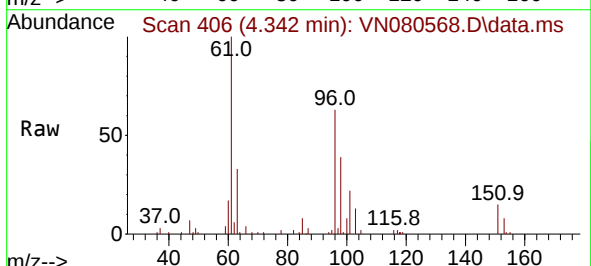
Tgt Ion: 59 Resp: 4141
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

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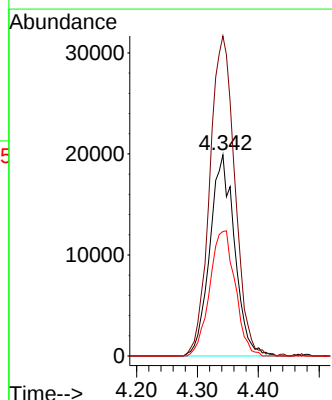
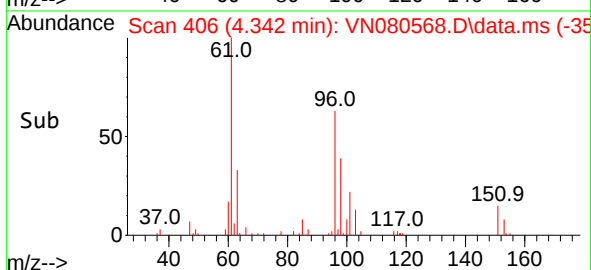
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

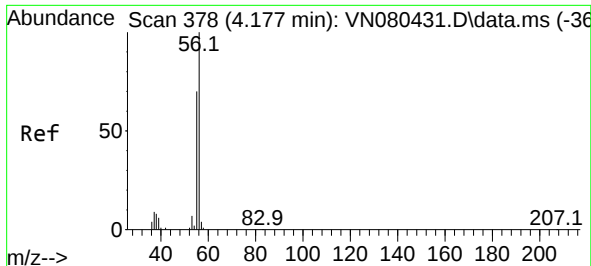


#12
1,1-Dichloroethene
Concen: 17.299 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion: 96 Resp: 56252
Ion Ratio Lower Upper
96 100
61 159.2 112.7 169.1
98 61.9 51.2 76.8





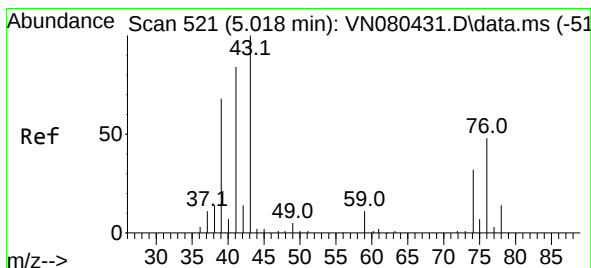
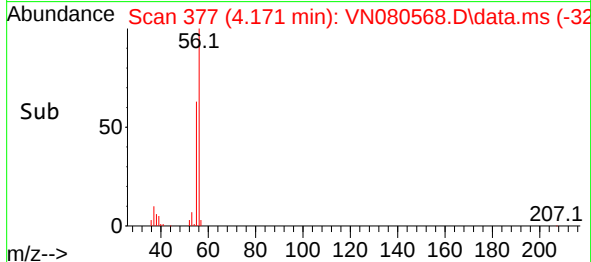
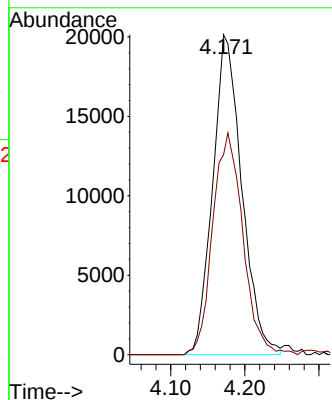
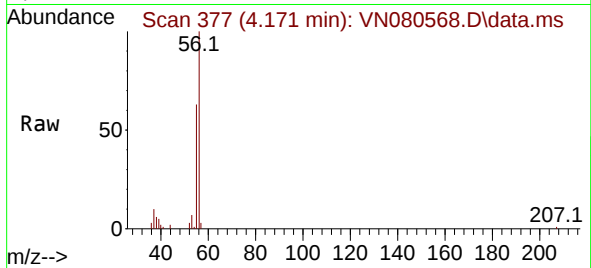
#13
Acrolein
Concen: 110.379 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 56 Resp: 5500
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

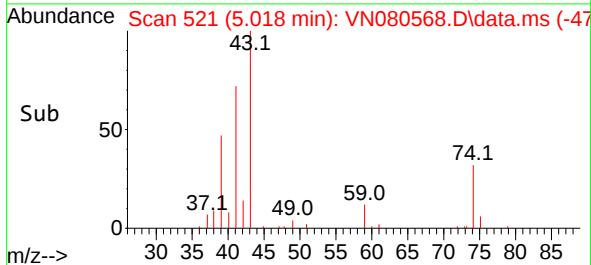
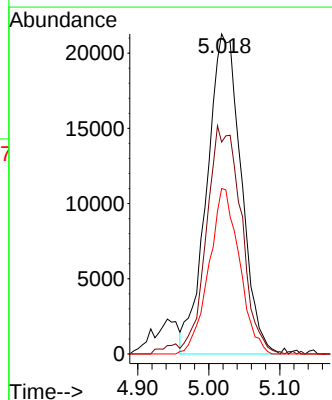
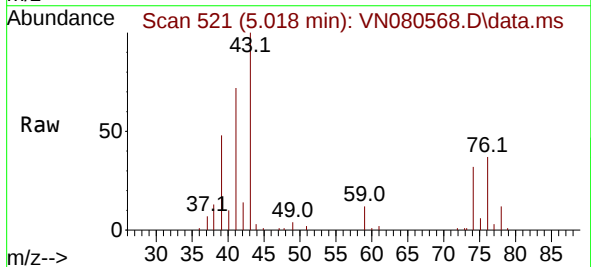
Manual Integrations
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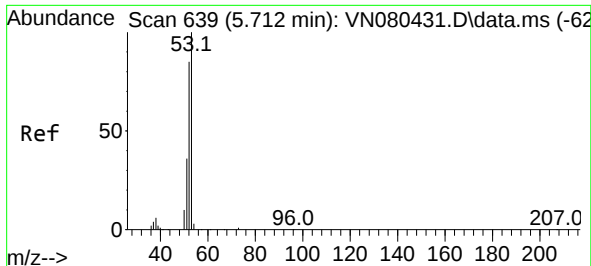
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#14
Allyl chloride
Concen: 17.751 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

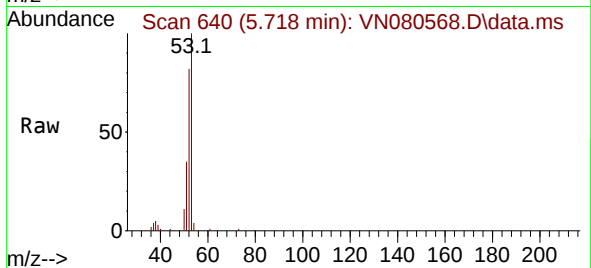
Tgt Ion: 41 Resp: 71419
Ion Ratio Lower Upper
41 100
39 73.2 58.8 88.2
76 45.9 39.1 58.7





#15
Acrylonitrile
Concen: 103.906 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

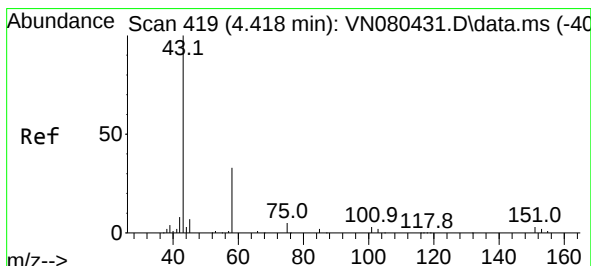
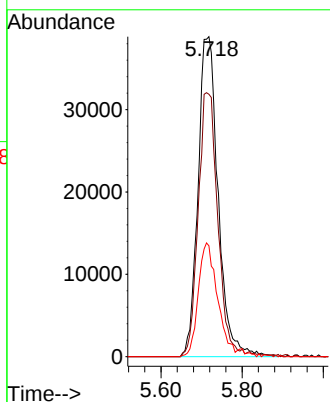
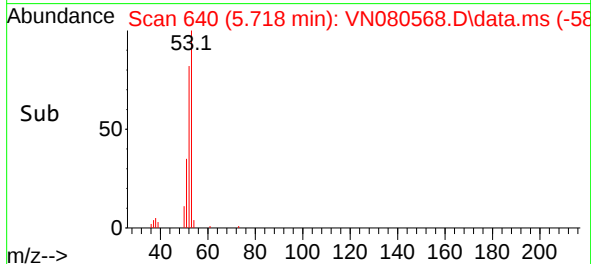
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



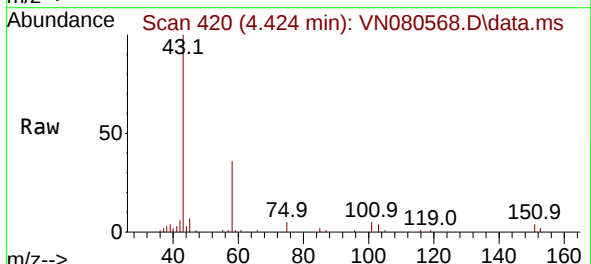
Tgt Ion: 53 Resp: 13358
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 34.0 28.9 43.3

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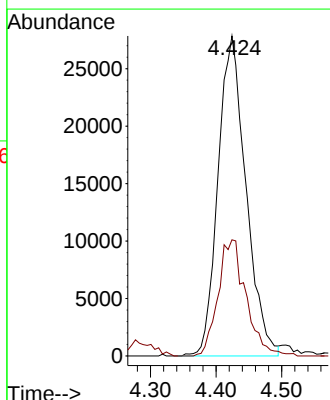
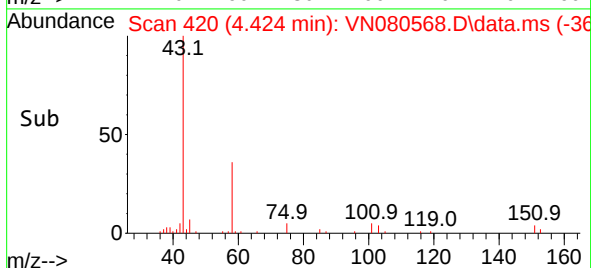
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

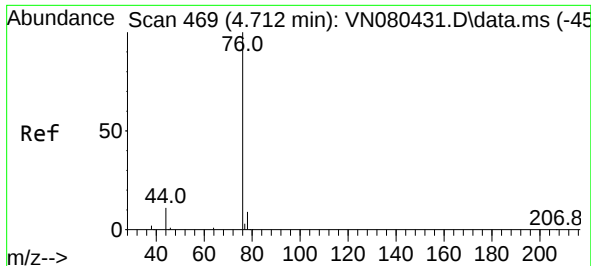


#16
Acetone
Concen: 120.240 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion: 43 Resp: 82369
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0





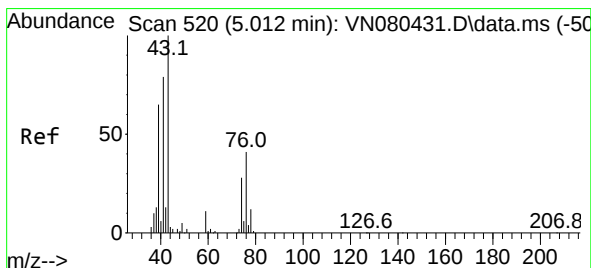
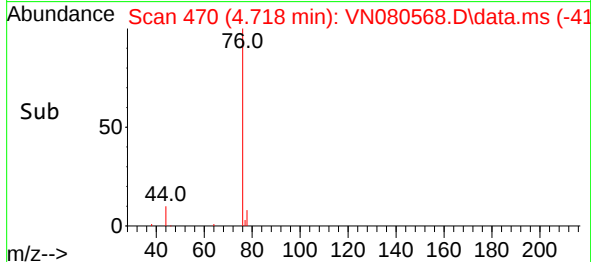
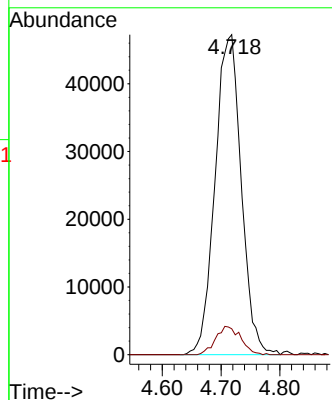
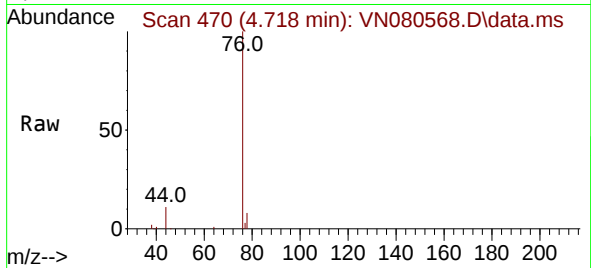
#17
Carbon Disulfide
Concen: 15.859 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 76 Resp: 14615
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

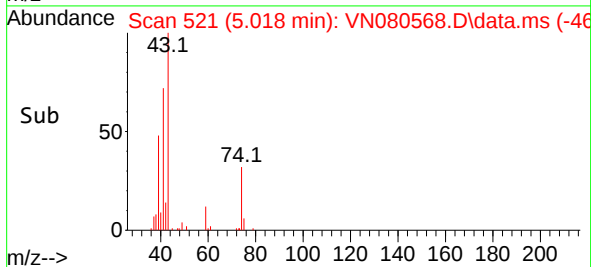
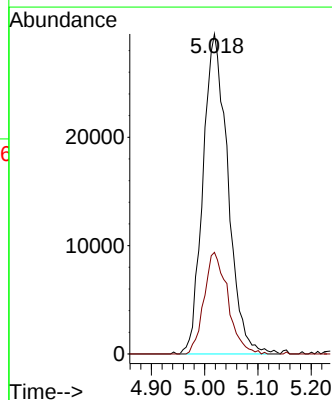
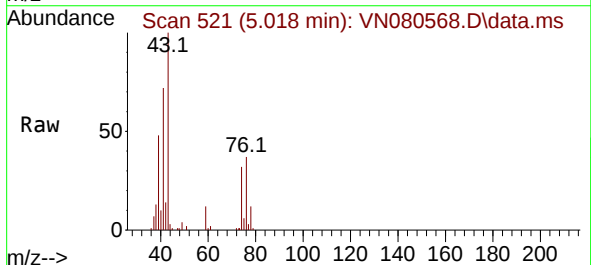
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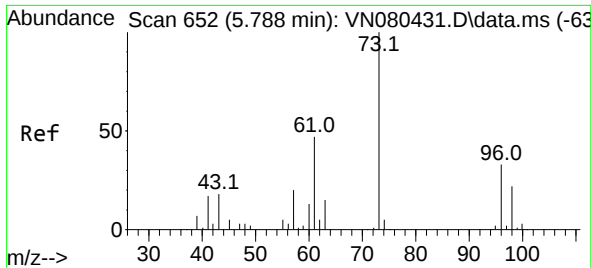
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#18
Methyl Acetate
Concen: 21.804 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 43 Resp: 96108
Ion Ratio Lower Upper
43 100
74 30.3 26.2 39.4





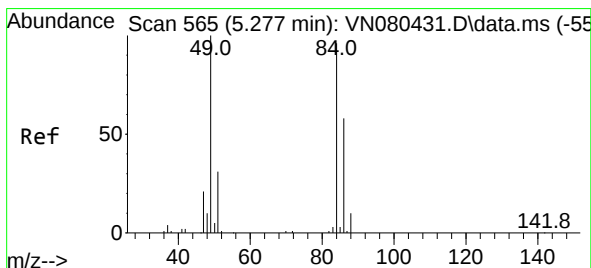
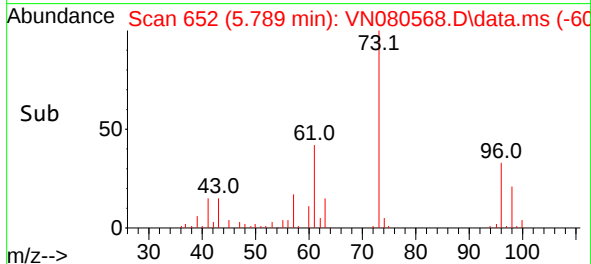
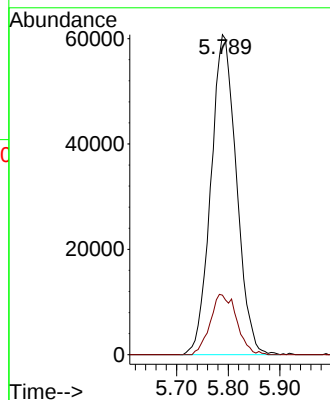
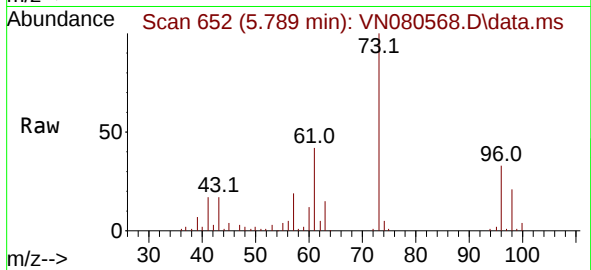
#19
Methyl tert-butyl Ether
Concen: 19.203 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 73 Resp: 208340
Ion Ratio Lower Upper
73 100
57 18.6 15.6 23.4

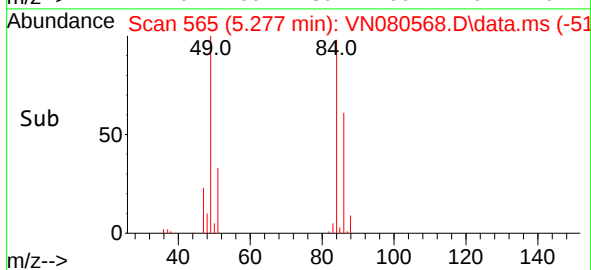
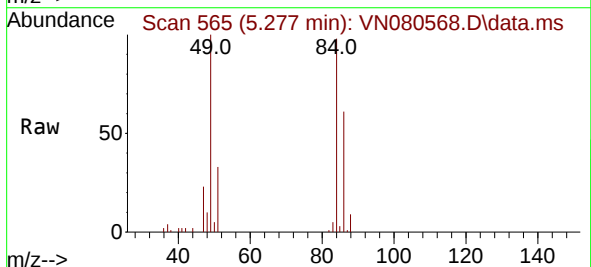
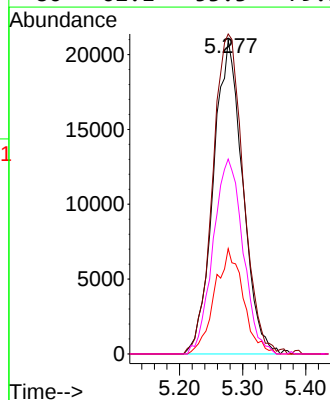
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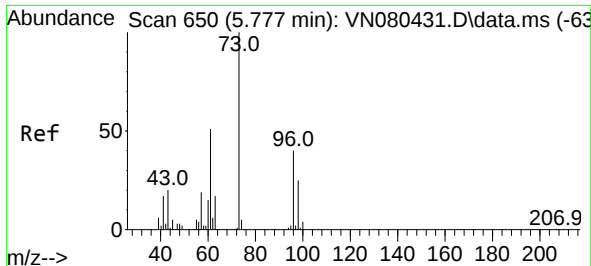
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#20
Methylene Chloride
Concen: 18.414 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

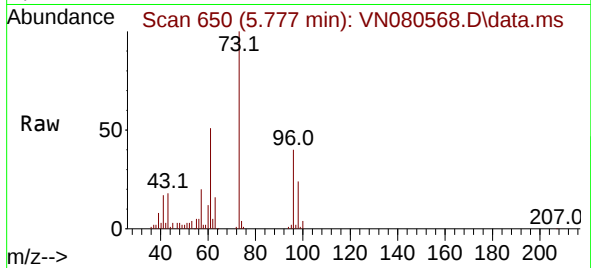
Tgt Ion: 84 Resp: 67507
Ion Ratio Lower Upper
84 100
49 102.0 79.7 119.5
51 33.5 25.2 37.8
86 62.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.628 ug/l
RT: 5.777 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

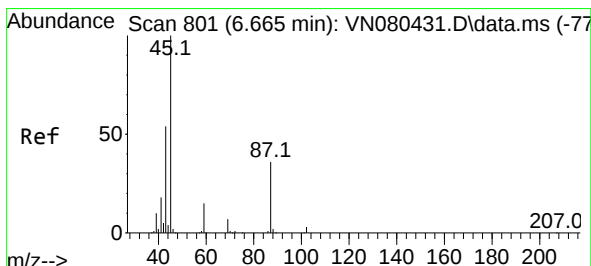
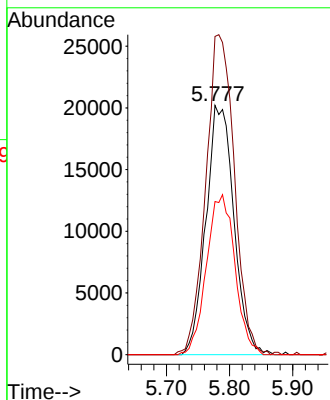
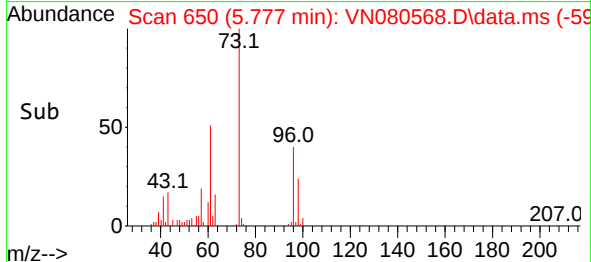
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



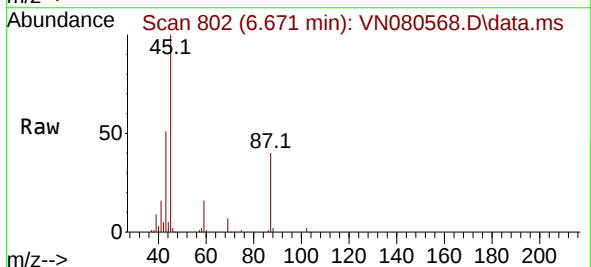
Tgt Ion: 96 Resp: 62154
Ion Ratio Lower Upper
96 100
61 126.7 90.1 135.1
98 61.4 46.4 69.6

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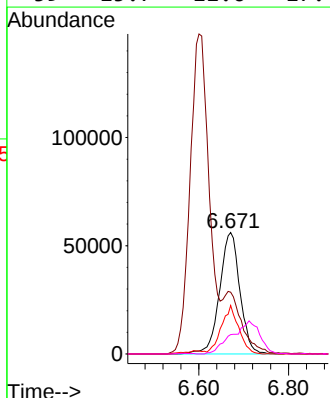
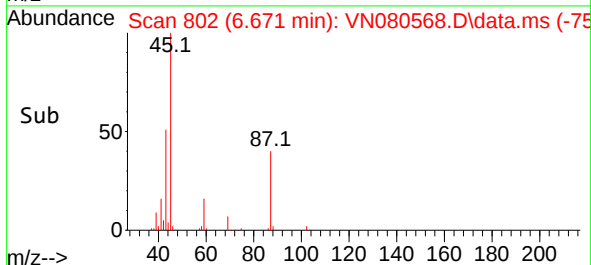
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#22
Diisopropyl ether
Concen: 20.345 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion: 45 Resp: 176669
Ion Ratio Lower Upper
45 100
43 49.8 45.5 68.3
87 39.9 31.8 47.8
59 15.7 11.6 17.4





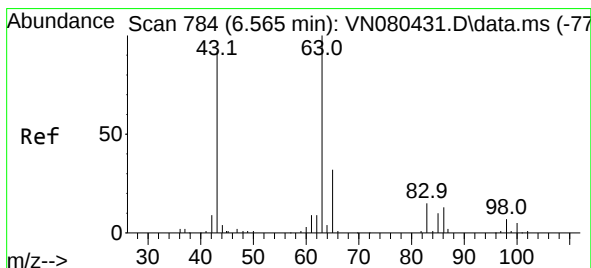
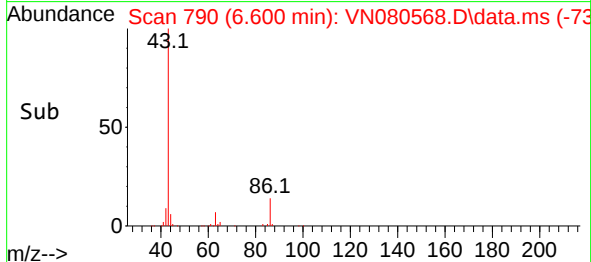
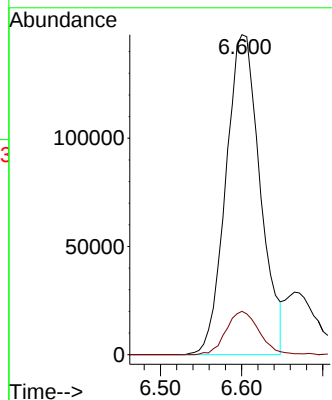
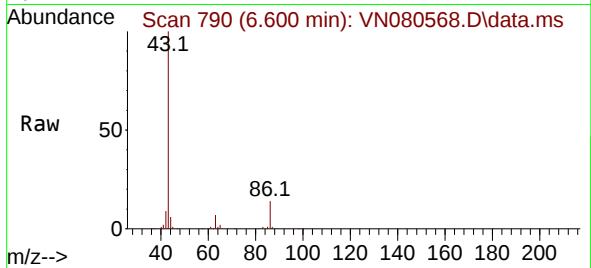
#23
 Vinyl Acetate
 Concen: 87.222 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Tgt Ion: 43 Resp: 435000
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6

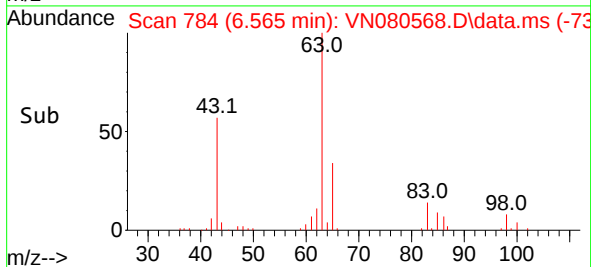
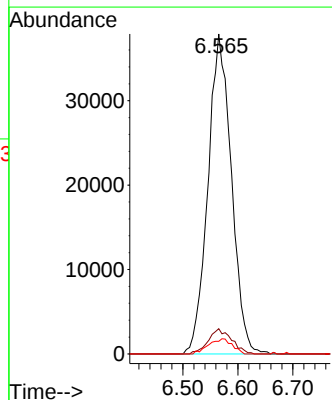
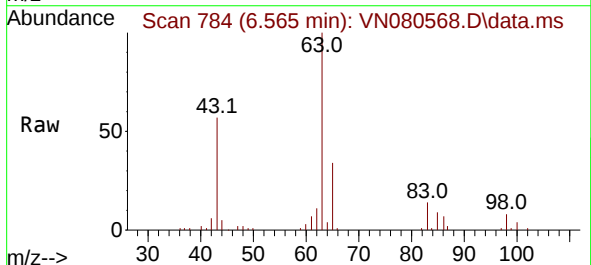
Manual Integrations
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Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 18.561 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

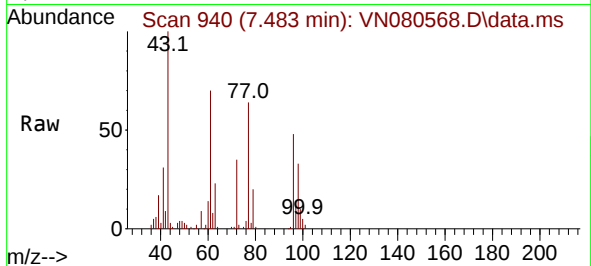
Tgt Ion: 63 Resp: 112449
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 104.675 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

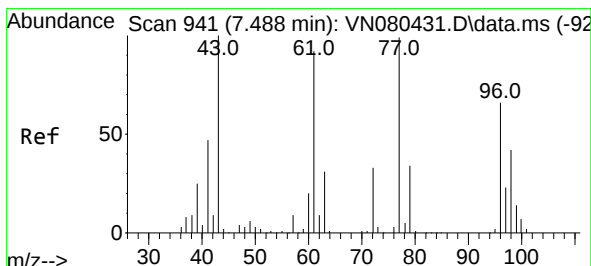
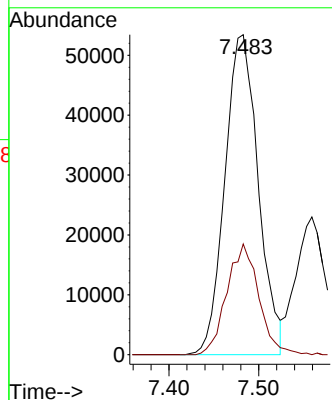
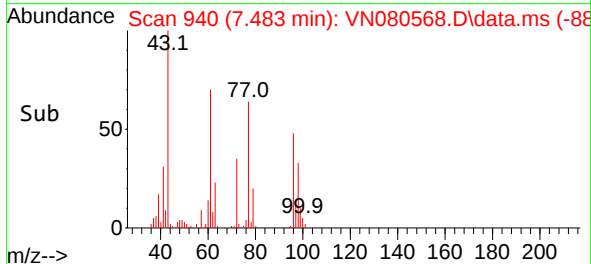
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 43 Resp: 13813
Ion Ratio Lower Upper
43 100
72 34.6 30.2 45.2

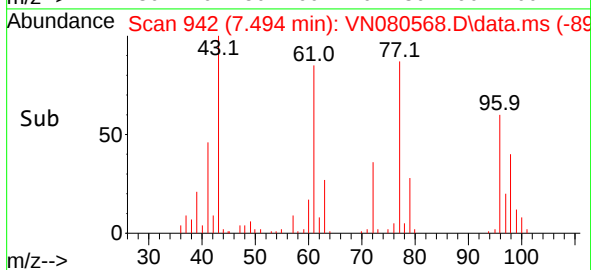
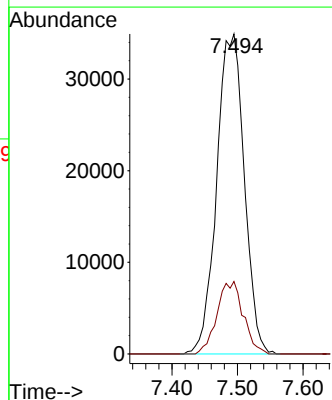
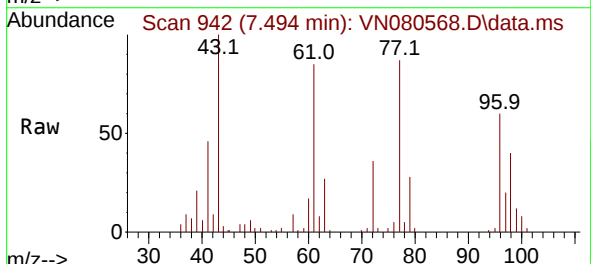
Manual Integrations
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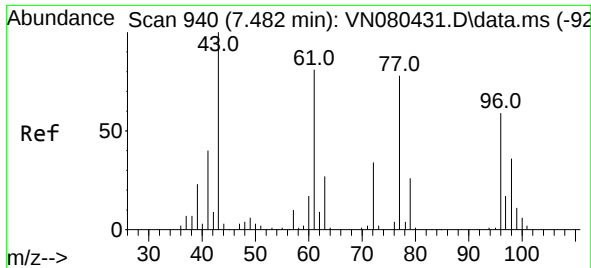
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#26
2,2-Dichloropropane
Concen: 16.452 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 77 Resp: 101919
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





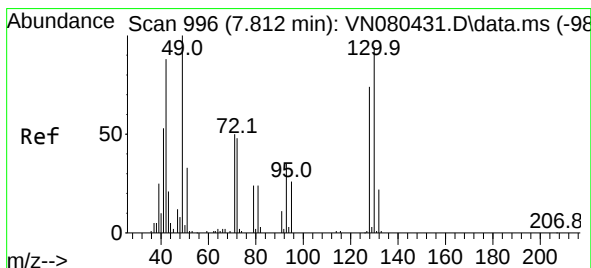
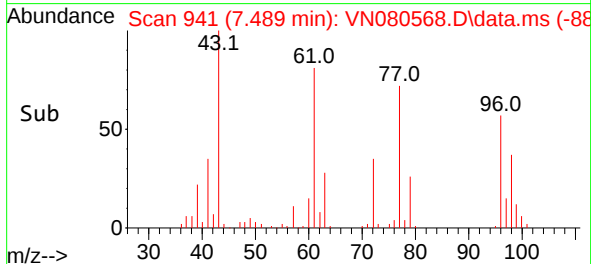
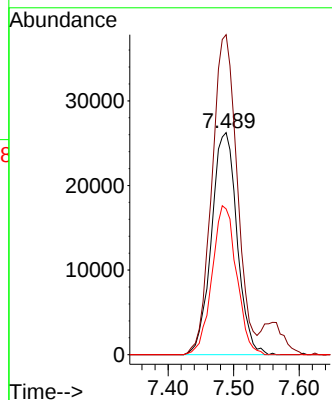
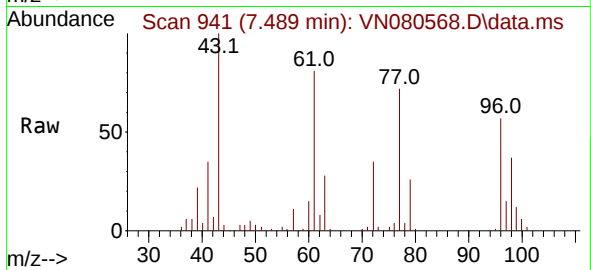
#27
 cis-1,2-Dichloroethene
 Concen: 17.791 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Tgt Ion: 96 Resp: 71000
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 255.2
 98 64.5 0.0 128.8

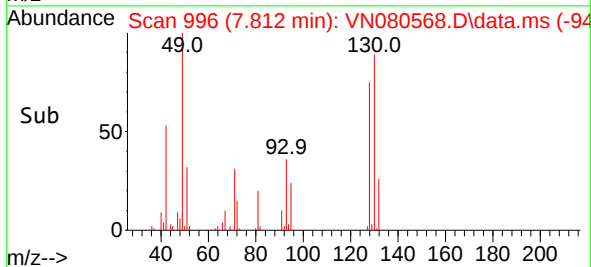
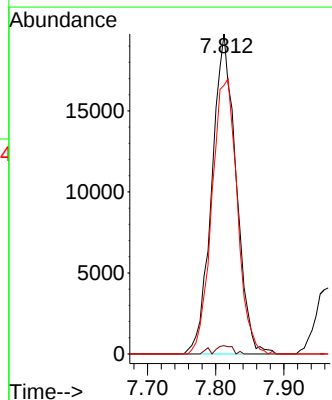
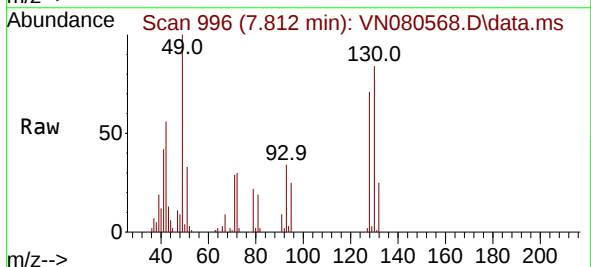
Manual Integrations
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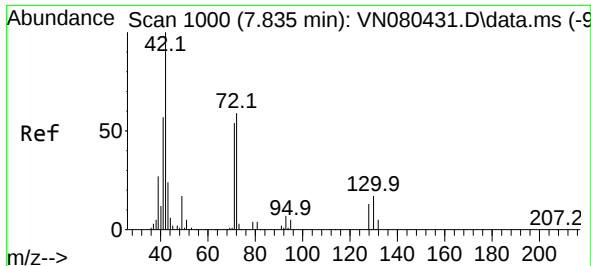
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#28
 Bromochloromethane
 Concen: 20.964 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Tgt Ion: 49 Resp: 48764
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 90.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 99.297 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

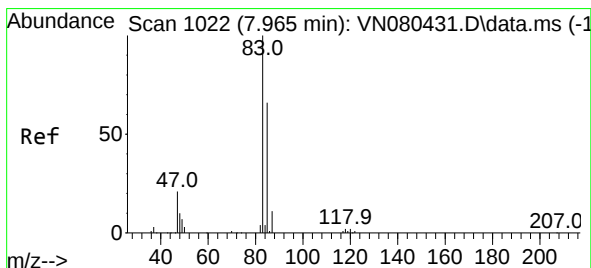
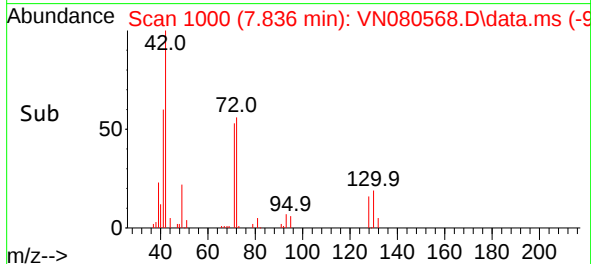
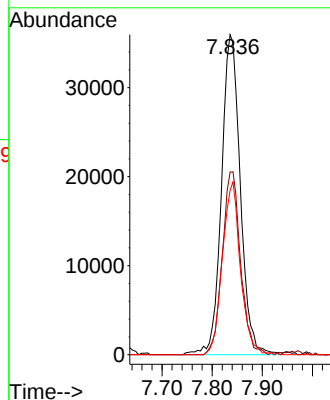
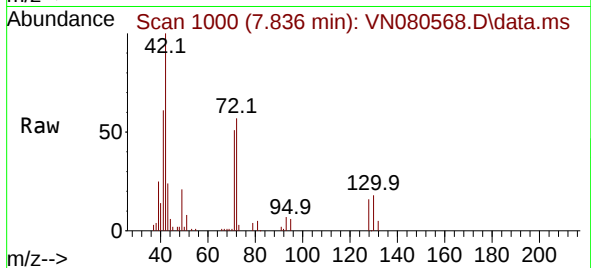
Tgt Ion:	42	Resp:	9383
Ion Ratio	Lower	Upper	
42	100		
72	55.5	49.8	74.6
71	51.8	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#30

Chloroform

Concen: 19.069 ug/l

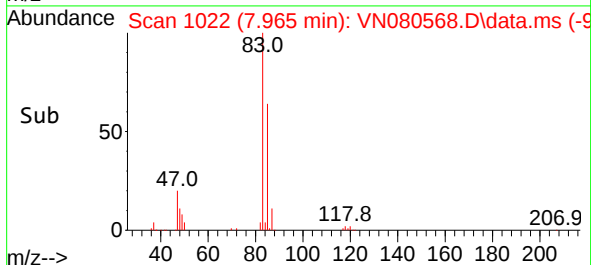
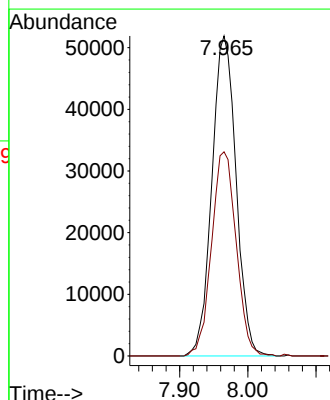
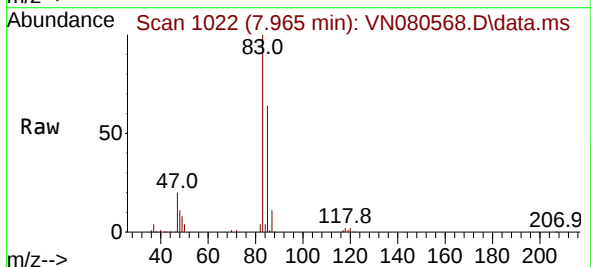
RT: 7.965 min Scan# 1022

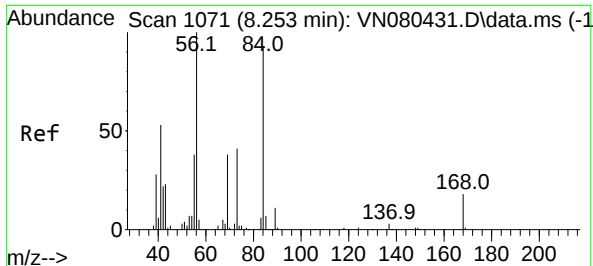
Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

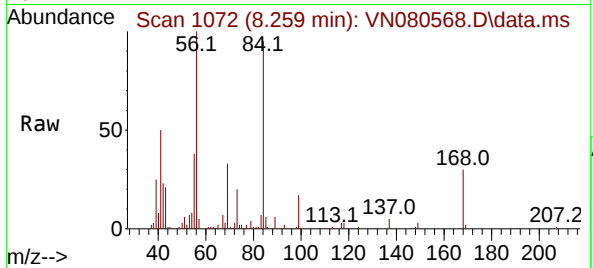
Tgt Ion:	83	Resp:	128237
Ion Ratio	Lower	Upper	
83	100		
85	63.8	55.4	83.0





#31
Cyclohexane
Concen: 16.623 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

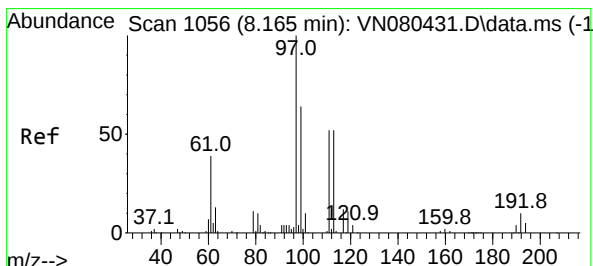
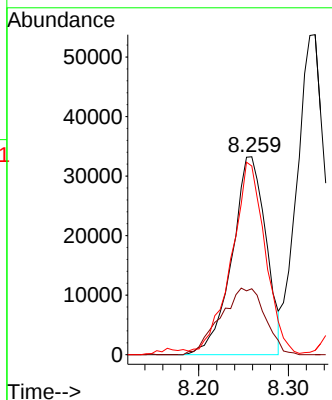
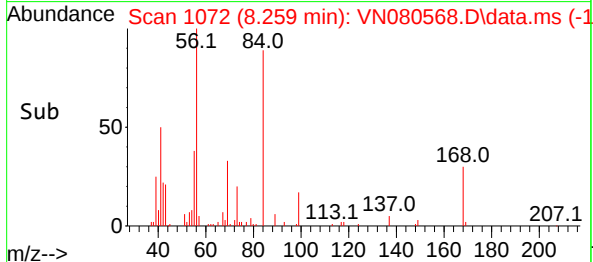
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



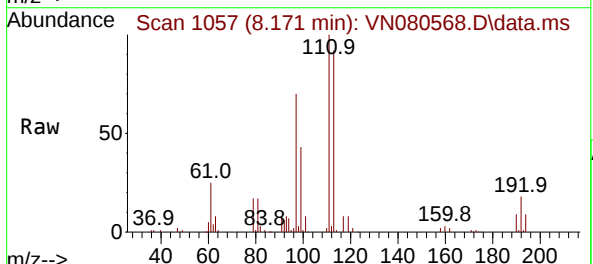
Tgt Ion: 56 Resp: 87335
Ion Ratio Lower Upper
56 100
69 33.3 26.8 40.2
84 93.2 81.8 122.6

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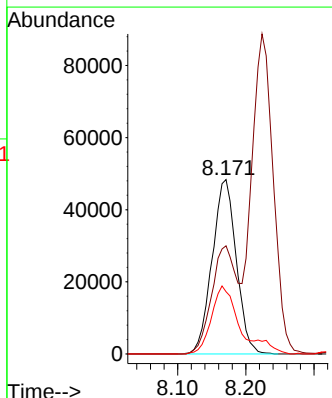
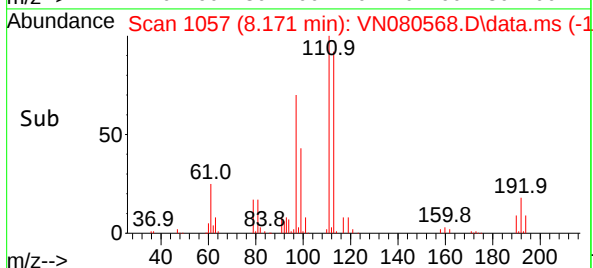
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

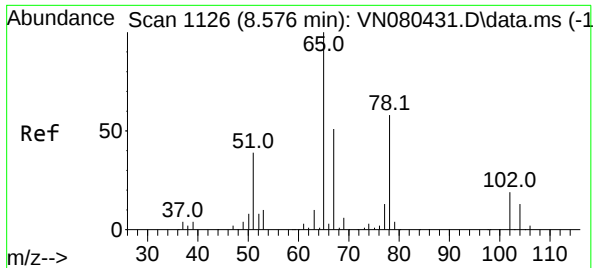


#32
1,1,1-Trichloroethane
Concen: 18.092 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion: 97 Resp: 119123
Ion Ratio Lower Upper
97 100
99 67.2 50.3 75.5
61 40.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.243 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 65 Resp: 201839

Ion Ratio Lower Upper

65 100

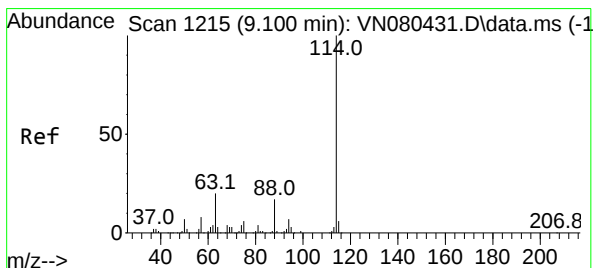
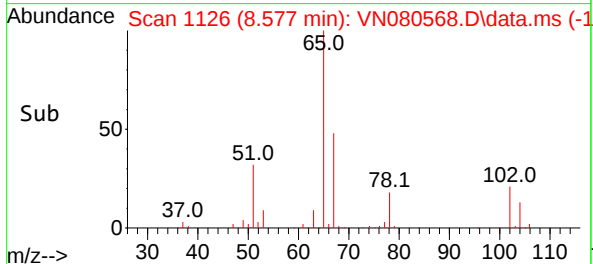
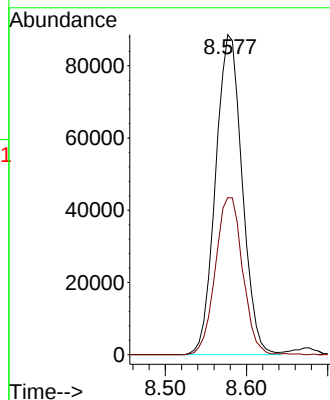
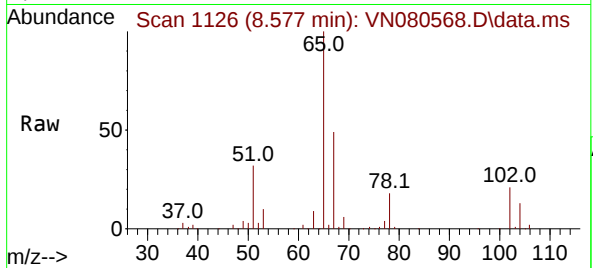
67 50.5 0.0 106.6

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: VN080568.D

Acq: 21 Dec 2023 13:05

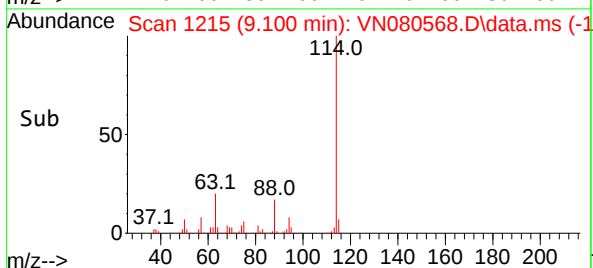
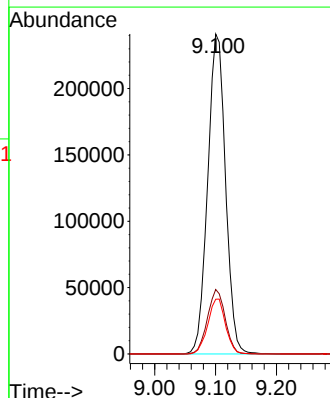
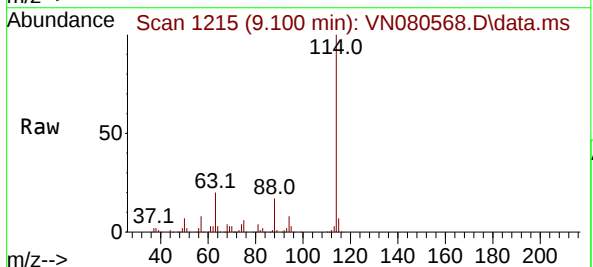
Tgt Ion:114 Resp: 490237

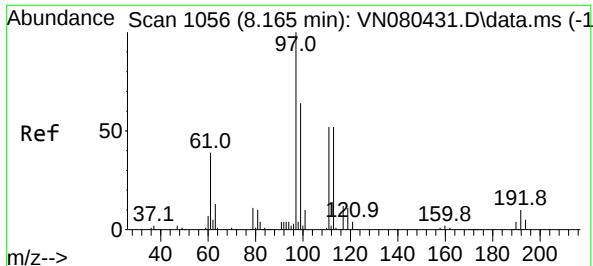
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

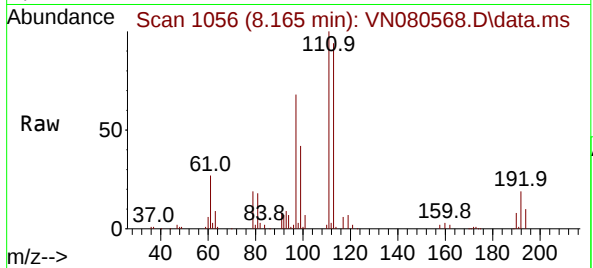
88 17.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.842 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

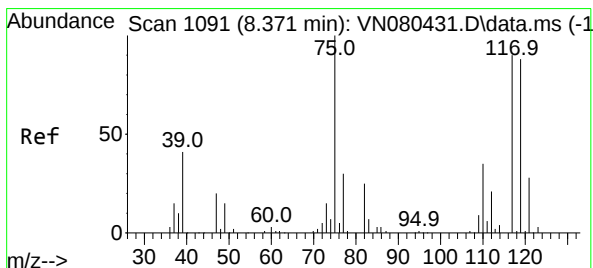
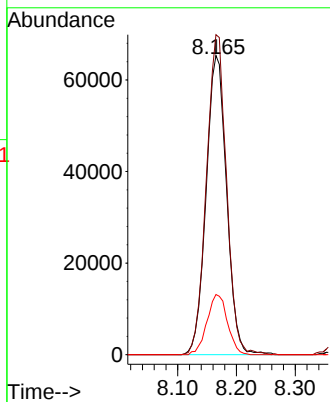
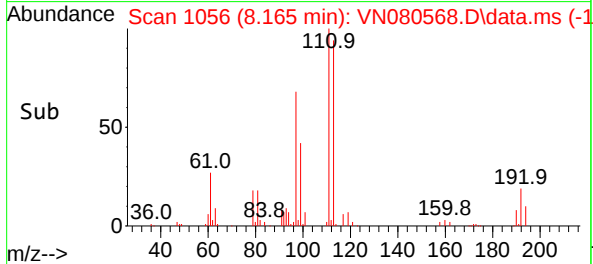
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



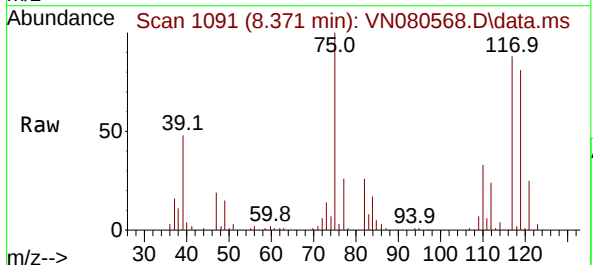
Tgt Ion: 113 Resp: 15803
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 20.1 12.7 19.1

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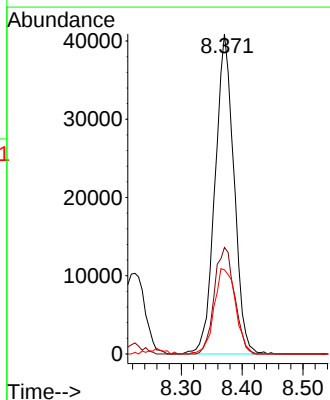
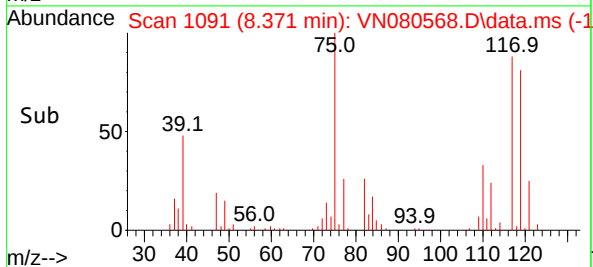
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

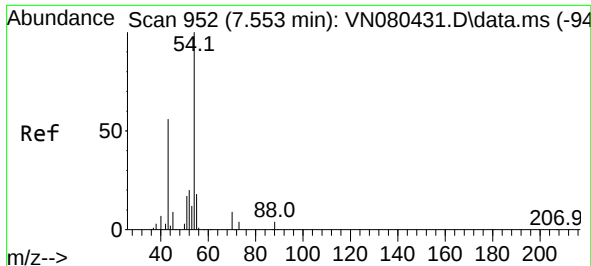


#36
1,1-Dichloropropene
Concen: 17.369 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion: 75 Resp: 88273
Ion Ratio Lower Upper
75 100
110 35.5 19.1 57.3
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 17.919 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

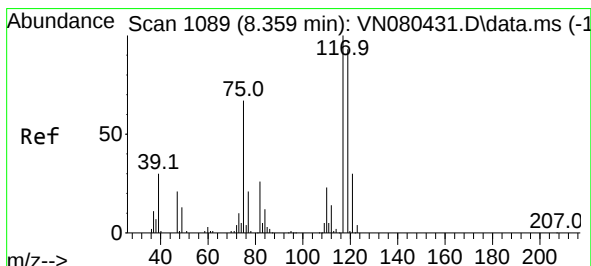
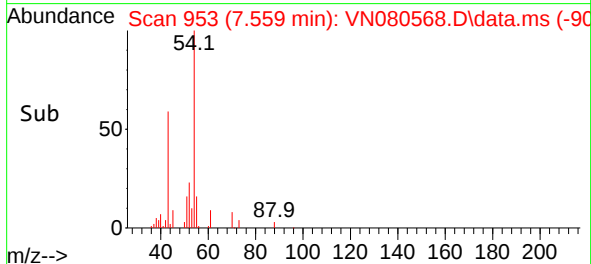
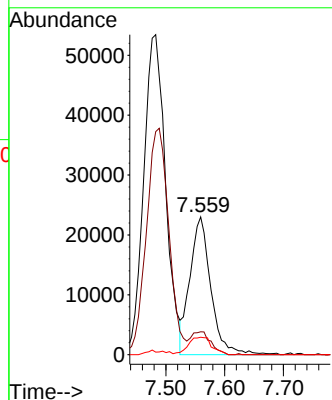
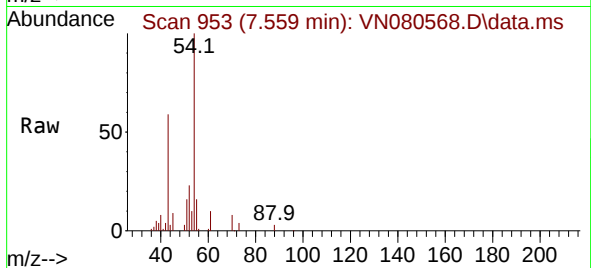
Tgt Ion:	43	Resp:	5702
Ion Ratio	Lower	Upper	
43	100		
61	15.6	13.2	19.8
70	14.2	11.3	16.9

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#38

Carbon Tetrachloride

Concen: 17.113 ug/l

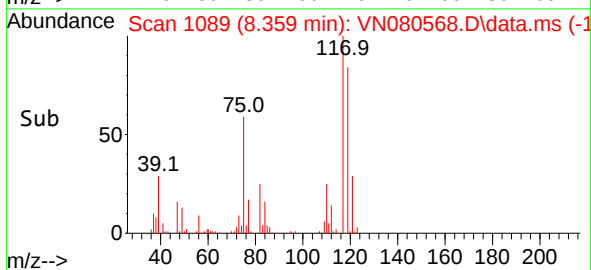
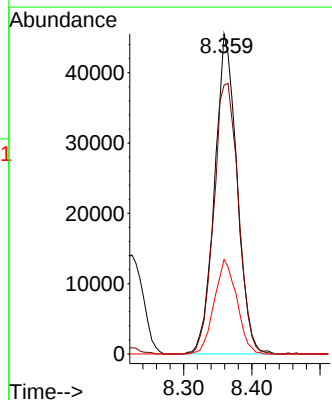
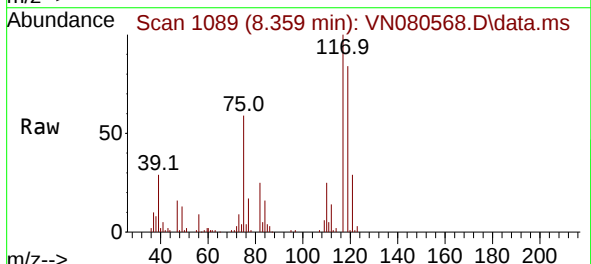
RT: 8.359 min Scan# 1089

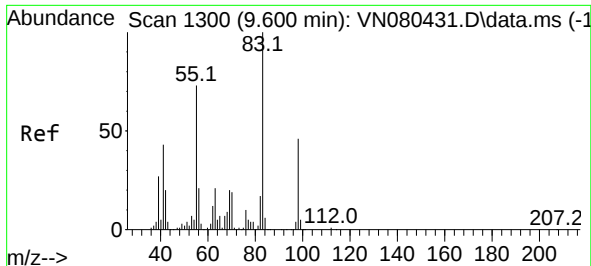
Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Tgt Ion:	117	Resp:	103924
Ion Ratio	Lower	Upper	
117	100		
119	84.0	77.3	115.9
121	29.5	23.3	34.9





#39

Methylcyclohexane

Concen: 15.450 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

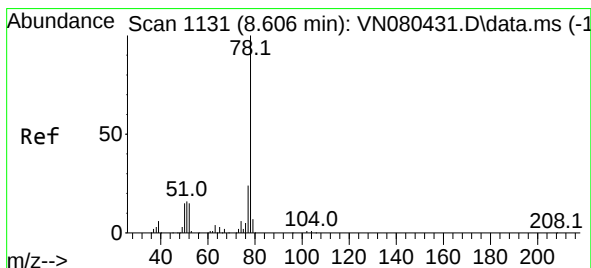
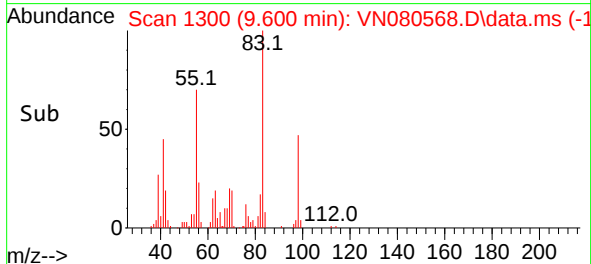
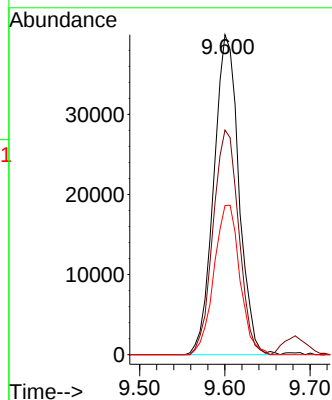
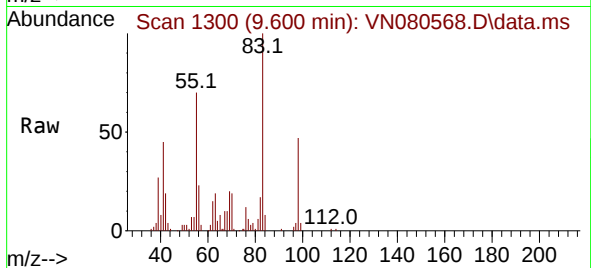
Tgt Ion: 83	Resp: 81570
Ion Ratio	Lower Upper
83	100
55	70.2 49.1 73.7
98	46.6 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#40

Benzene

Concen: 18.066 ug/l

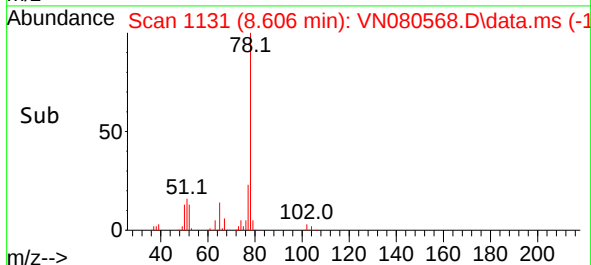
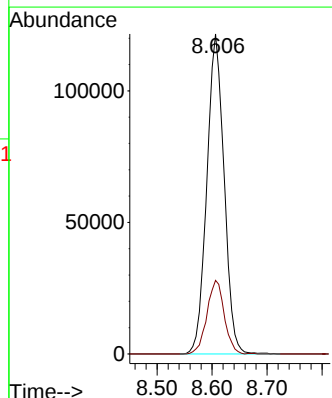
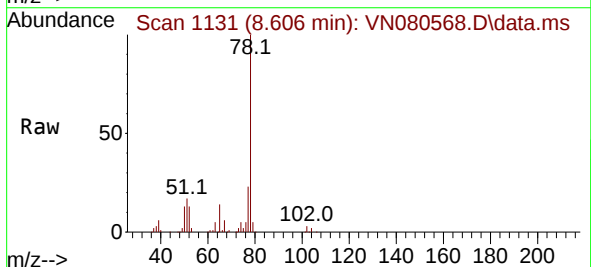
RT: 8.606 min Scan# 1131

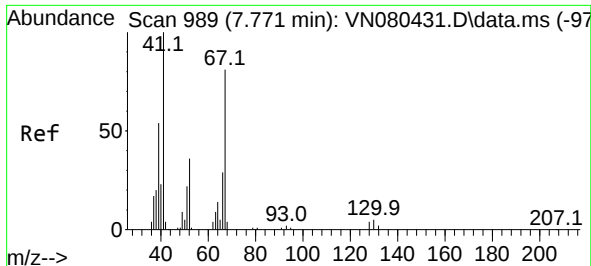
Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

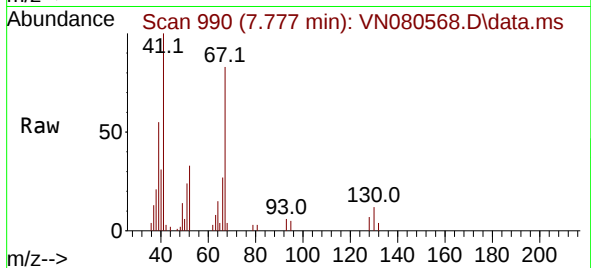
Tgt Ion: 78	Resp: 265130
Ion Ratio	Lower Upper
78	100
77	23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 19.886 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

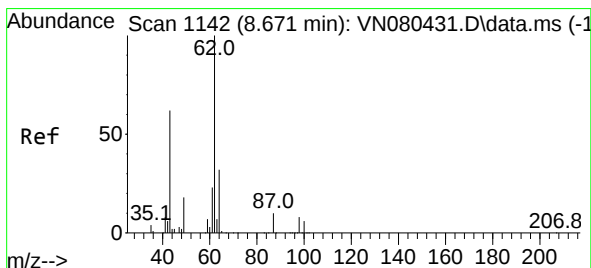
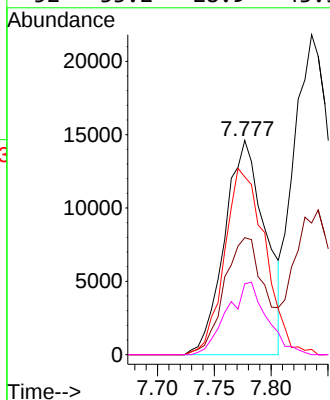
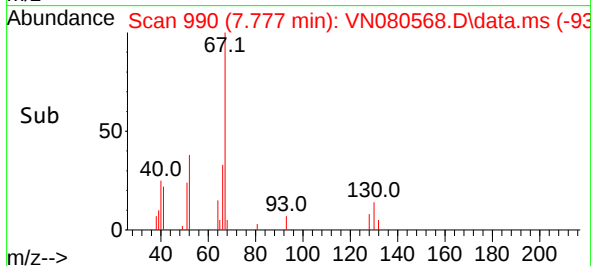
Instrument :
MSVOA_N
Client Sample Id :
VN1221MBS01



Tgt Ion: 41 Resp: 36480
Ion Ratio Lower Upper
41 100
39 54.8 42.6 64.0
67 86.8 77.5 116.3
52 33.2 28.9 43.3

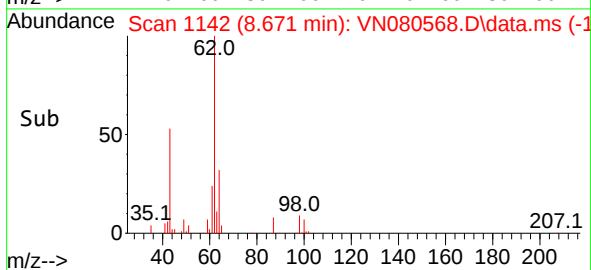
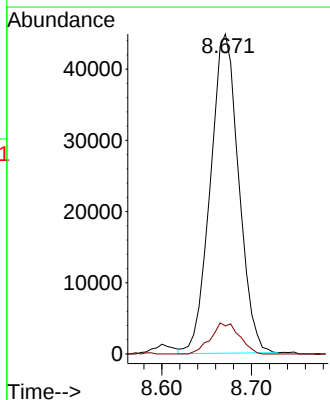
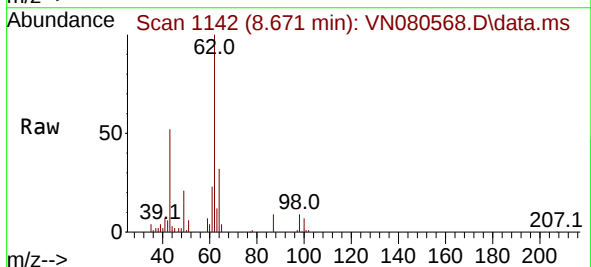
Manual Integrations
APPROVED

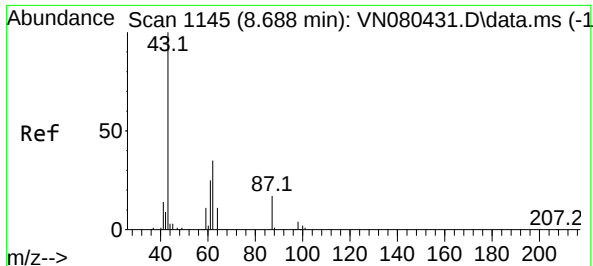
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#42
1,2-Dichloroethane
Concen: 18.100 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

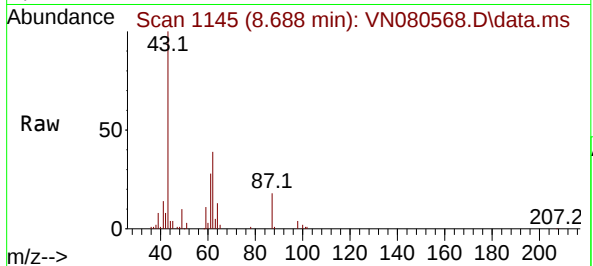
Tgt Ion: 62 Resp: 98367
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.955 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

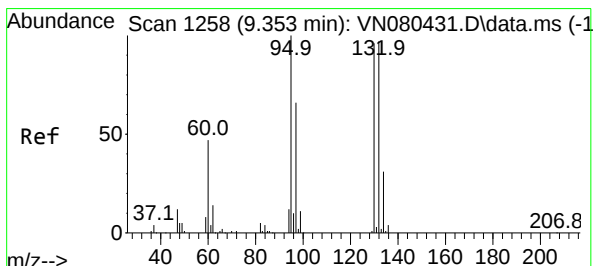
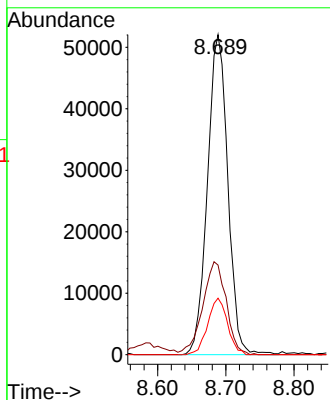
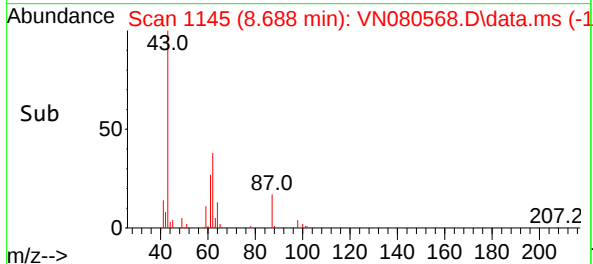
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 43 Resp: 108464
Ion Ratio Lower Upper
43 100
61 33.5 24.7 37.1
87 17.1 14.6 21.8

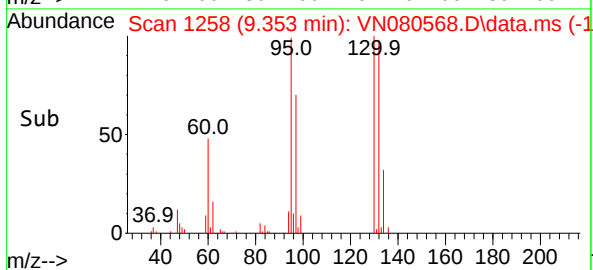
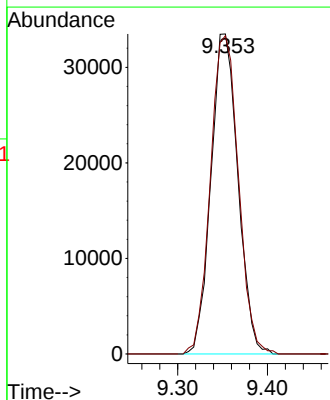
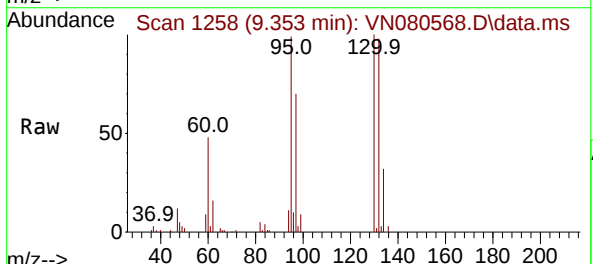
Manual Integrations
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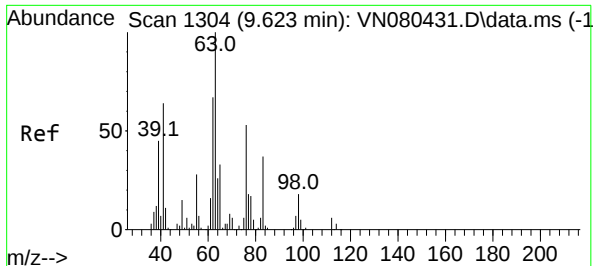
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#44
Trichloroethene
Concen: 17.669 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:130 Resp: 69907
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.762 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 63 Resp: 64670

Ion Ratio Lower Upper

63 100

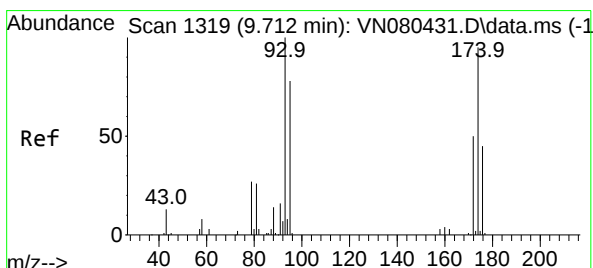
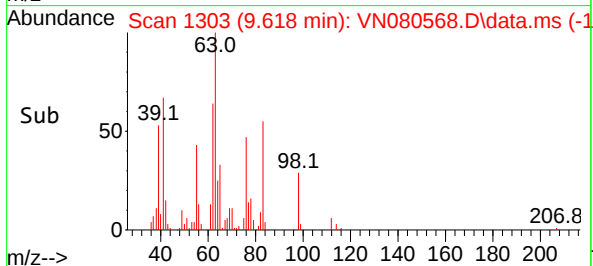
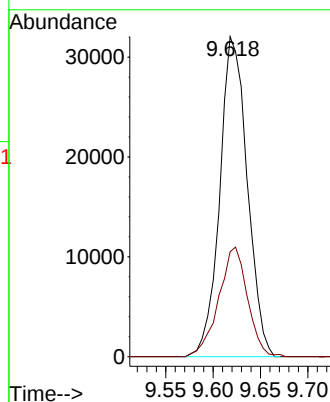
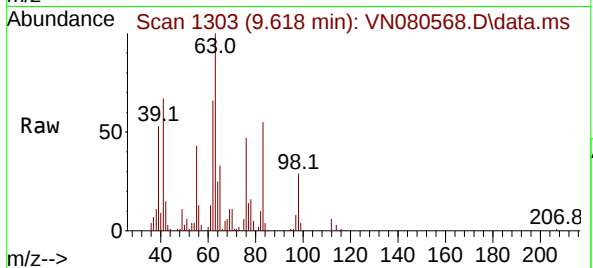
65 32.8 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#46

Dibromomethane

Concen: 18.460 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

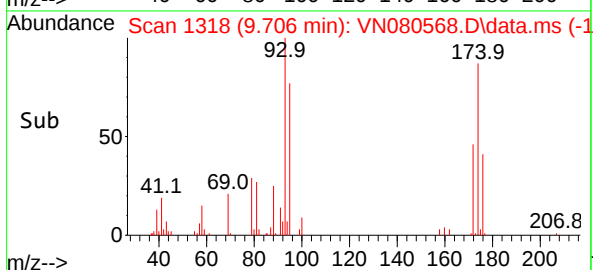
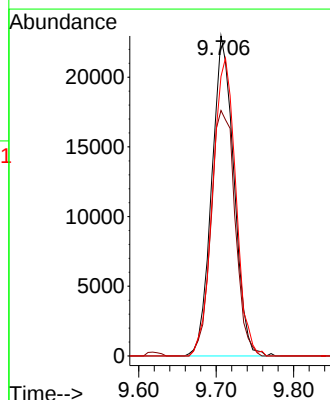
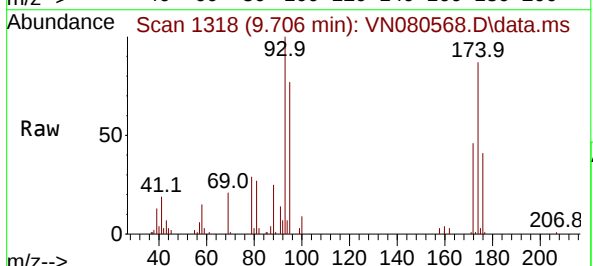
Tgt Ion: 93 Resp: 45694

Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

174 96.8 65.6 98.4





#47

Bromodichloromethane

Concen: 18.711 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

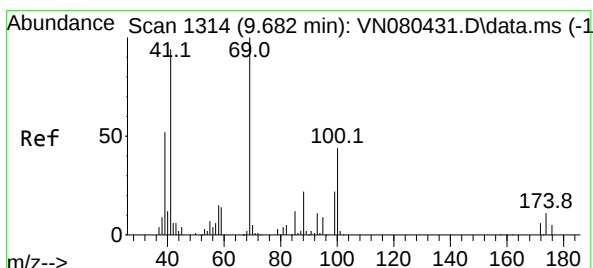
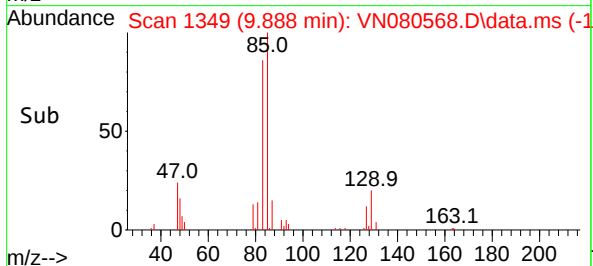
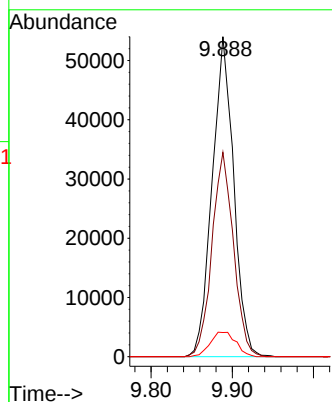
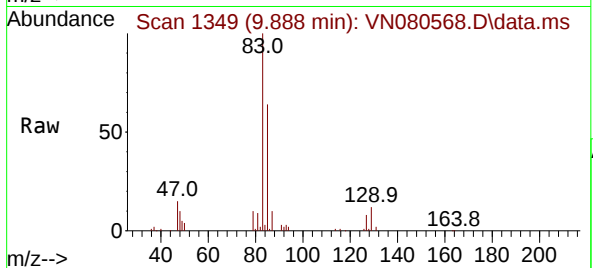
Tgt Ion:	83	Resp:	9926
Ion Ratio	Lower	Upper	
83	100		
85	63.8	49.6	74.4
127	7.6	7.0	10.6

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#48

Methyl methacrylate

Concen: 18.004 ug/l

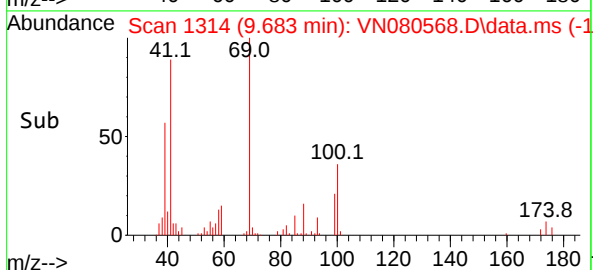
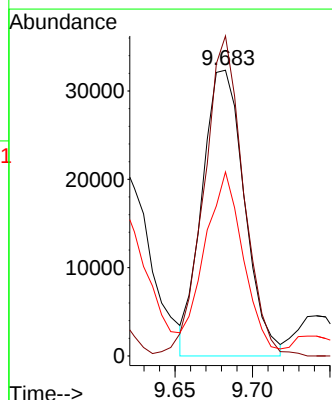
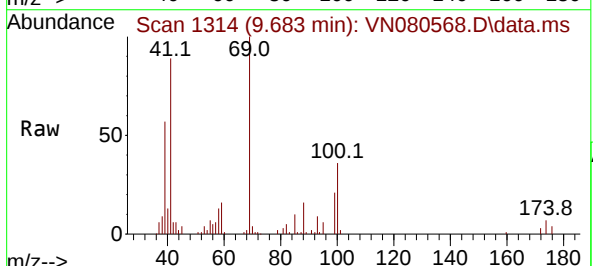
RT: 9.683 min Scan# 1314

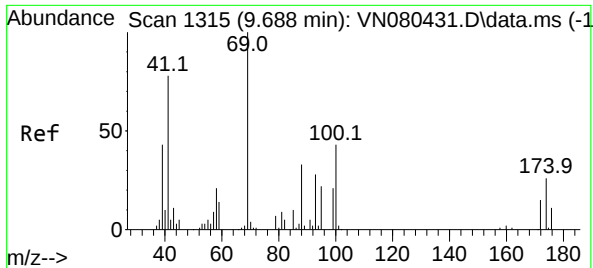
Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Tgt Ion:	41	Resp:	61481
Ion Ratio	Lower	Upper	
41	100		
69	104.4	90.4	135.6
39	59.6	54.6	81.8





#49

1,4-Dioxane

Concen: 336.038 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 88 Resp: 1739

Ion Ratio Lower Upper

88 100

43 27.1 17.0 25.6

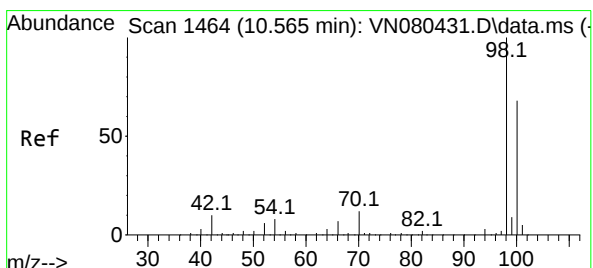
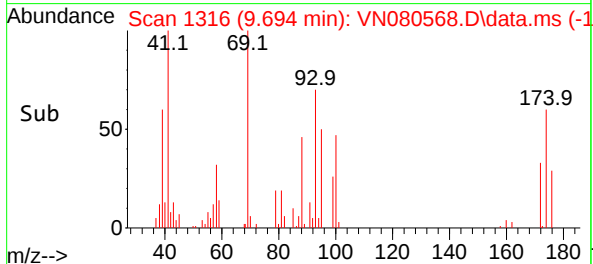
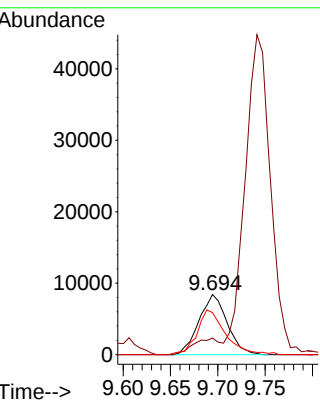
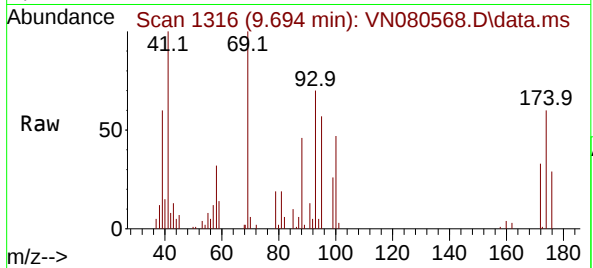
58 74.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#50

Toluene-d8

Concen: 49.794 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080568.D

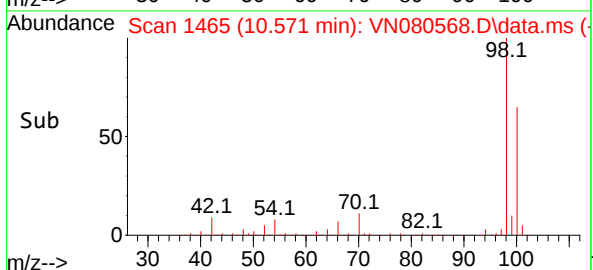
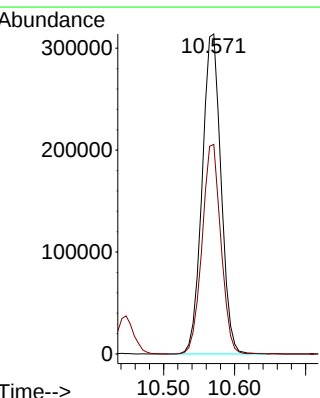
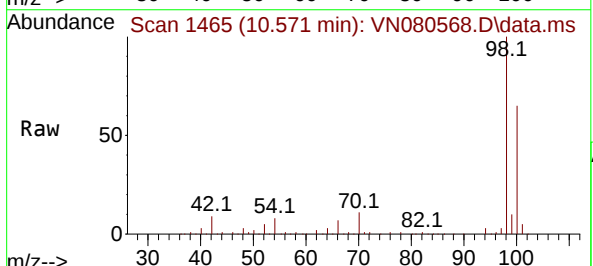
Acq: 21 Dec 2023 13:05

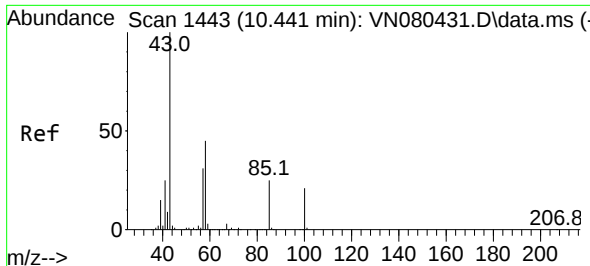
Tgt Ion: 98 Resp: 577229

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





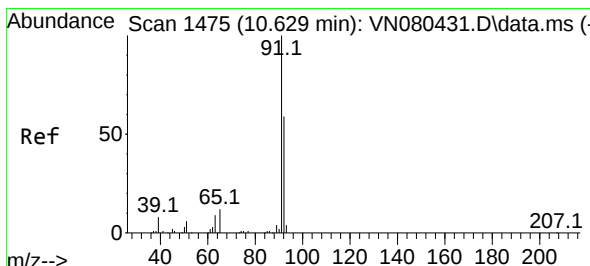
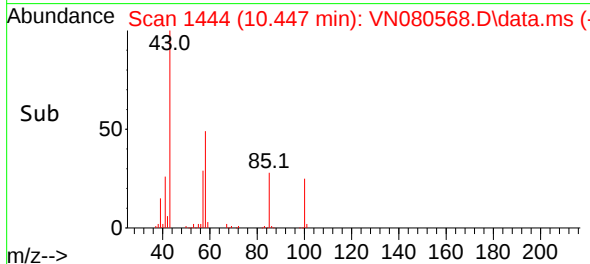
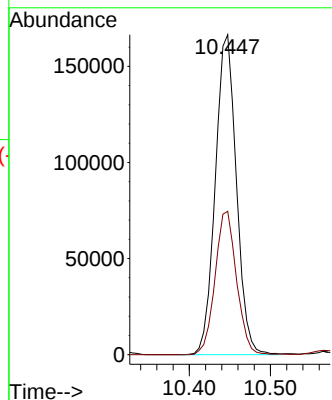
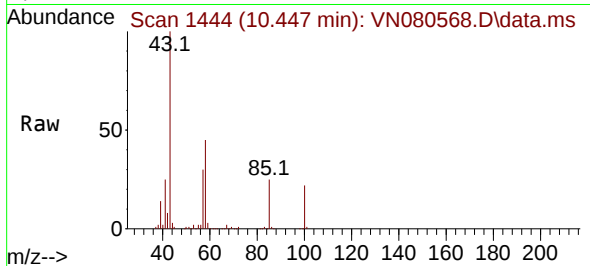
#51
4-Methyl-2-Pentanone
Concen: 95.420 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 43 Resp: 300715
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8

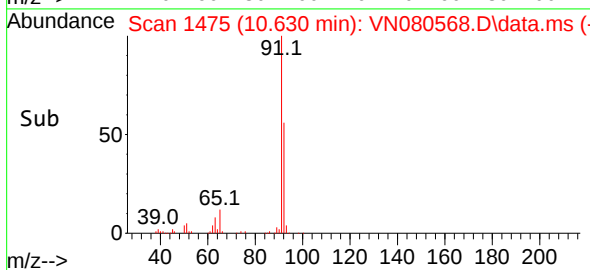
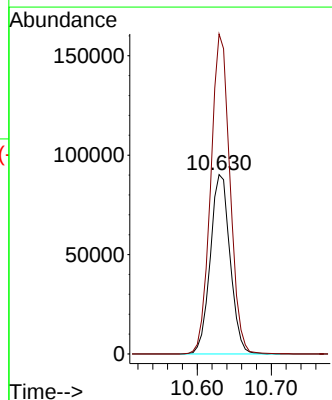
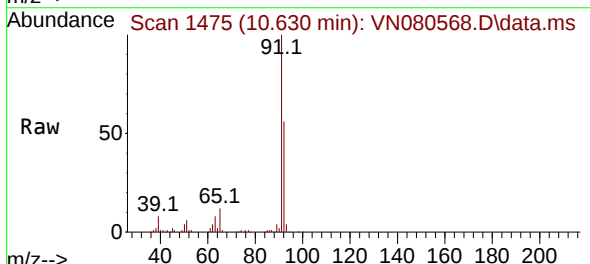
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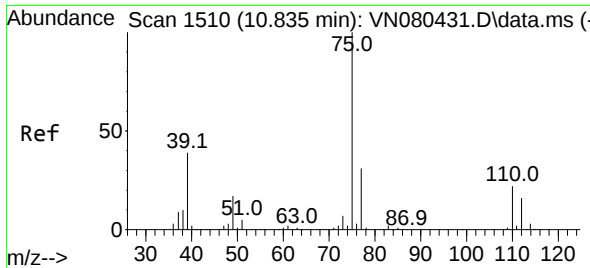
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#52
Toluene
Concen: 18.022 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 92 Resp: 167088
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0





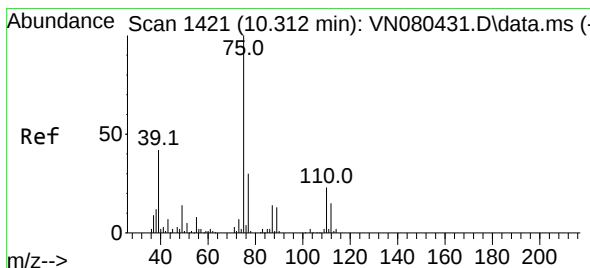
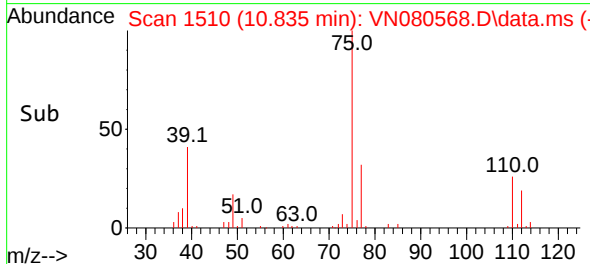
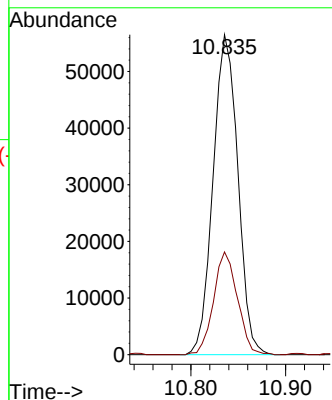
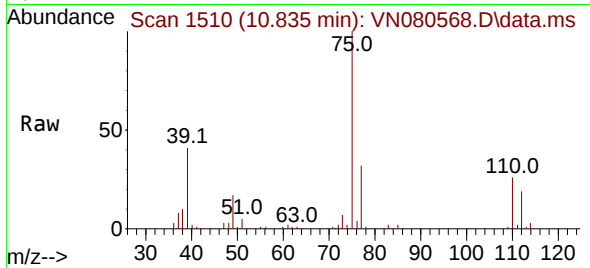
#53
 t-1,3-Dichloropropene
 Concen: 17.871 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Tgt Ion: 75 Resp: 10257
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0

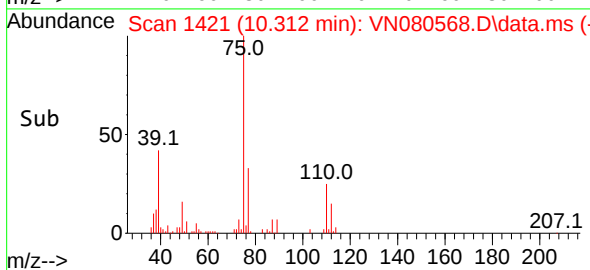
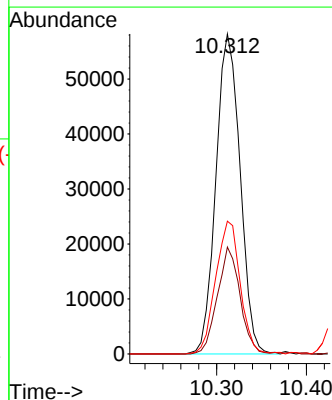
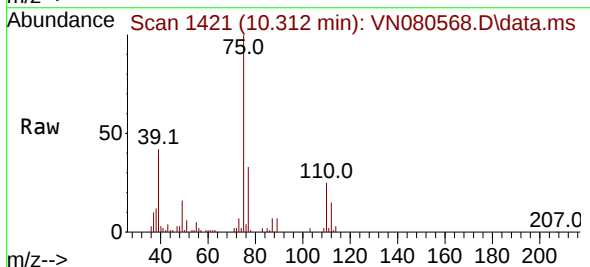
Manual Integrations
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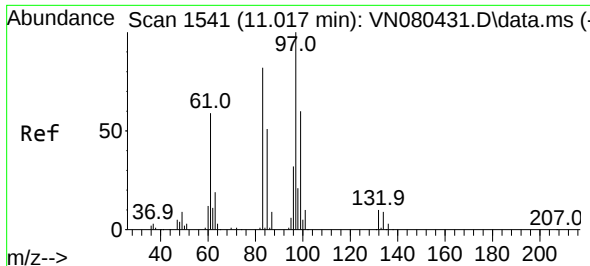
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 17.753 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

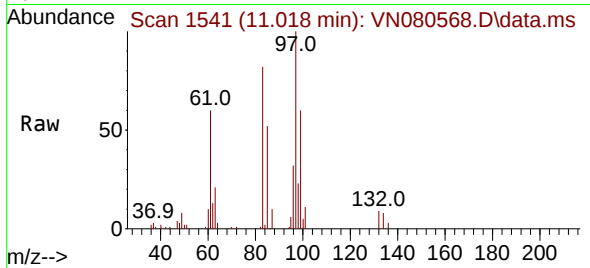
Tgt Ion: 75 Resp: 108919
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.1 39.1
 39 41.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.078 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

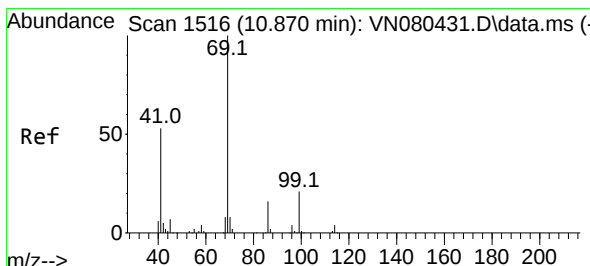
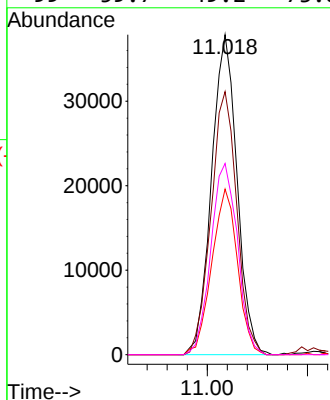
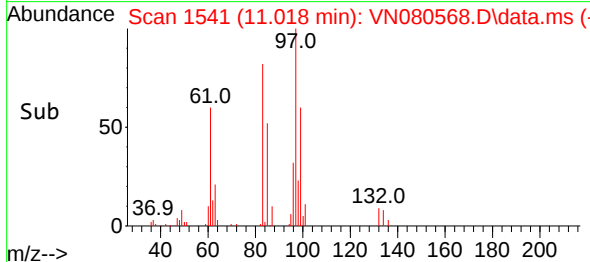
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



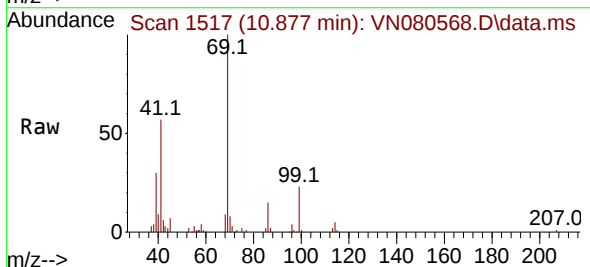
Tgt Ion: 97	Resp: 66980
Ion Ratio	Lower Upper
97 100	
83 82.2	65.1 97.7
85 51.7	43.4 65.2
99 59.7	49.2 73.8

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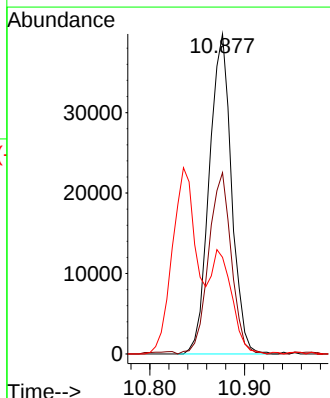
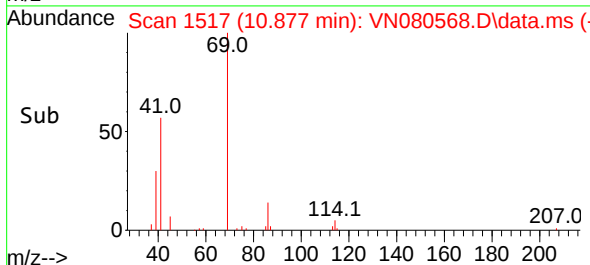
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

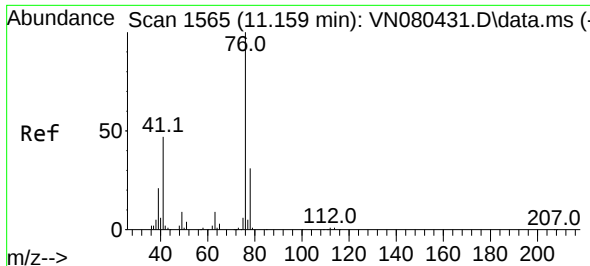


#56
Ethyl methacrylate
Concen: 17.556 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion: 69	Resp: 64842
Ion Ratio	Lower Upper
69 100	
41 57.8	39.6 59.4
39 30.4	28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.277 ug/l

RT: 11.165 min Scan# 112734

Delta R.T. 0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 76 Resp: 112734

Ion Ratio Lower Upper

76 100

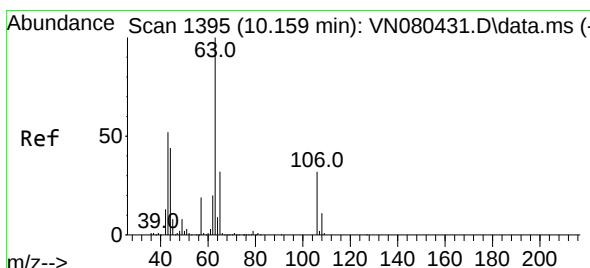
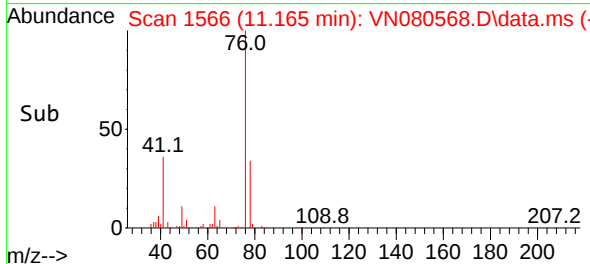
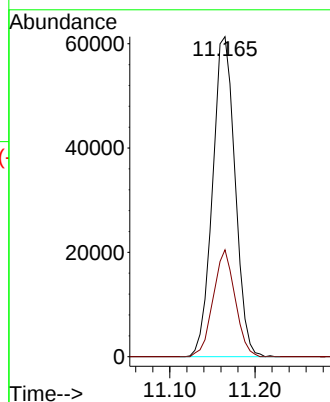
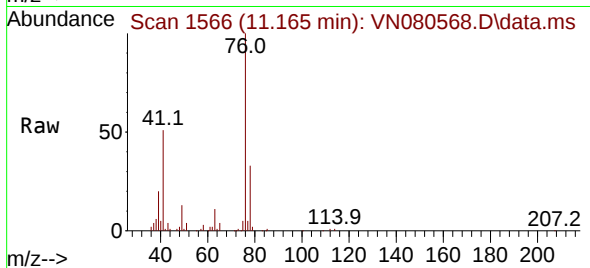
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 82.473 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080568.D

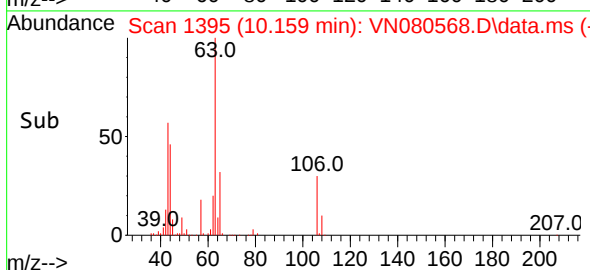
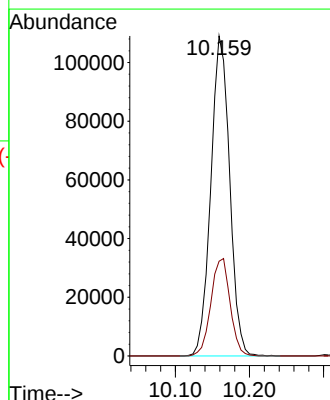
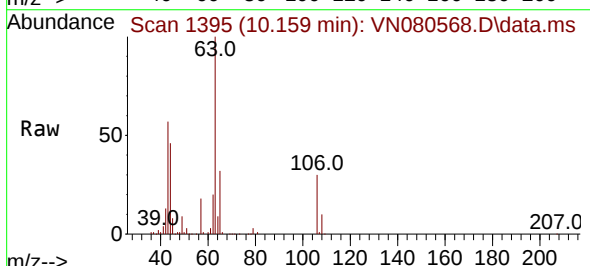
Acq: 21 Dec 2023 13:05

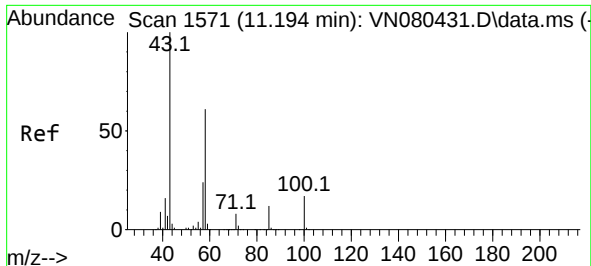
Tgt Ion: 63 Resp: 192298

Ion Ratio Lower Upper

63 100

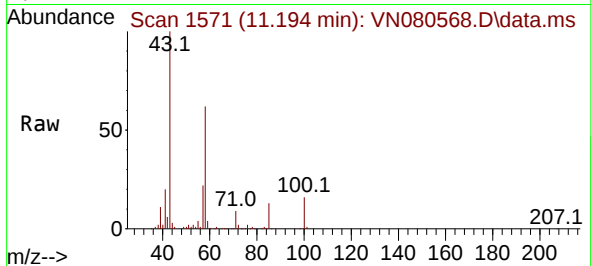
106 31.0 26.2 39.4





#59
2-Hexanone
Concen: 97.813 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

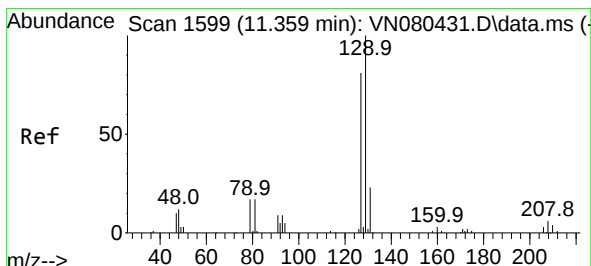
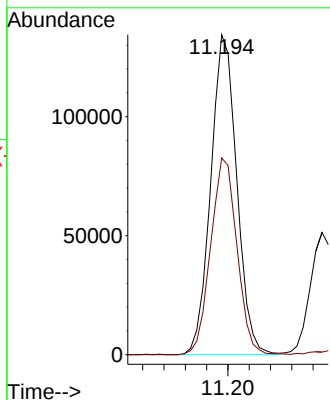
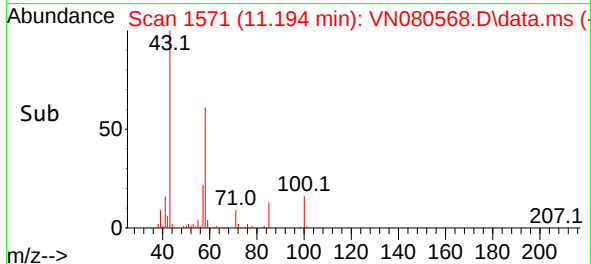
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 43 Resp: 227570
Ion Ratio Lower Upper
43 100
58 62.2 31.7 95.1

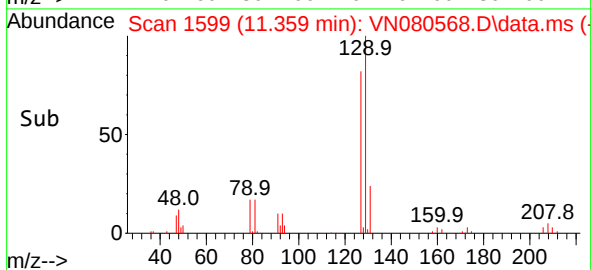
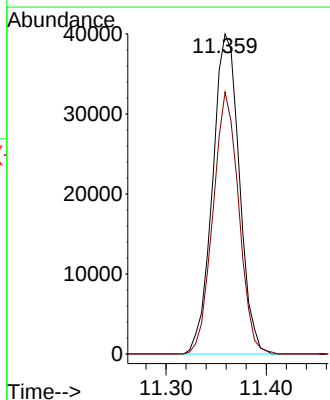
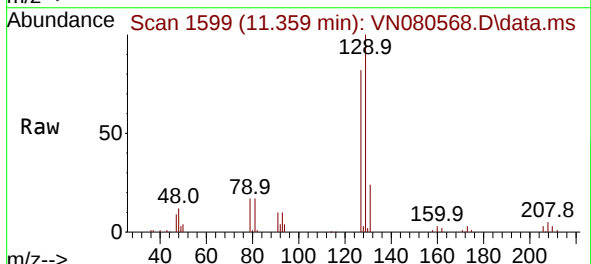
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 18.757 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:129 Resp: 74148
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





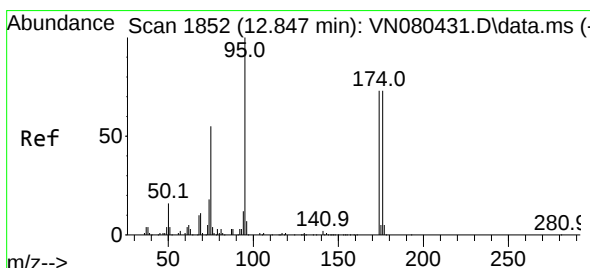
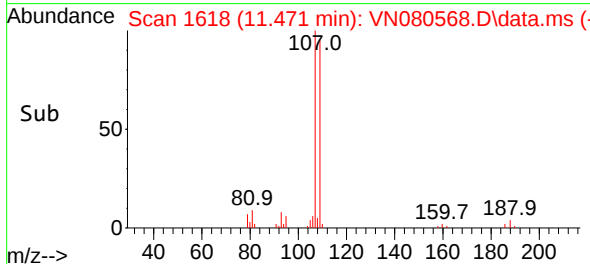
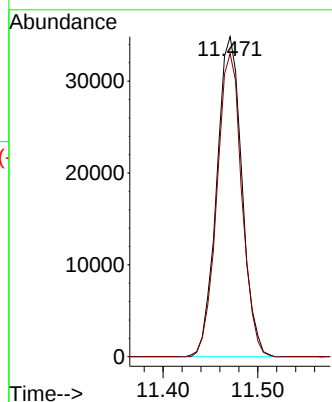
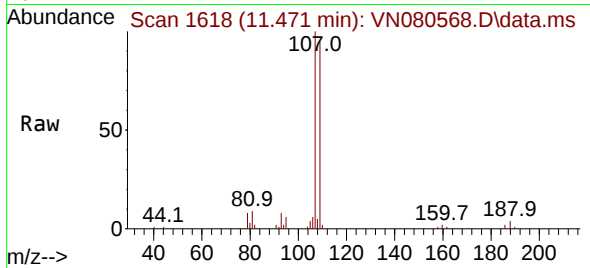
#61
1,2-Dibromoethane
Concen: 18.697 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:107 Resp: 6455
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8

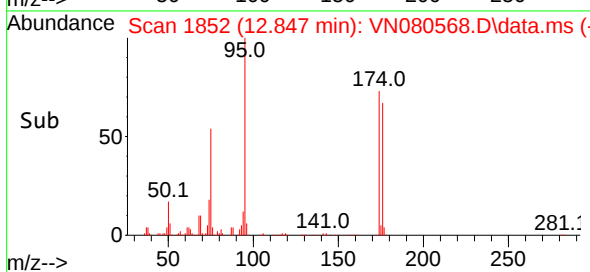
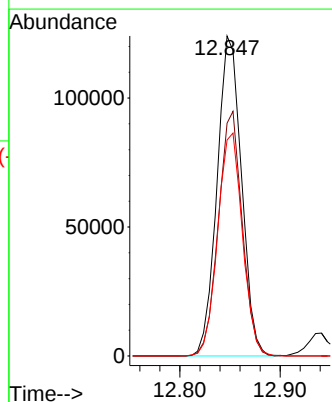
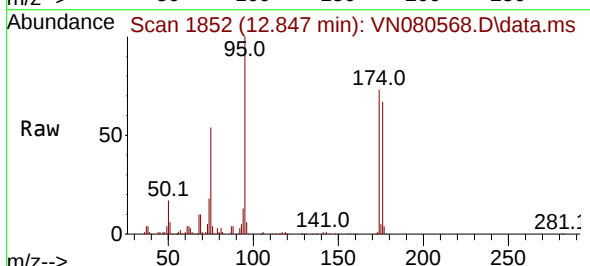
Manual Integrations
APPROVED

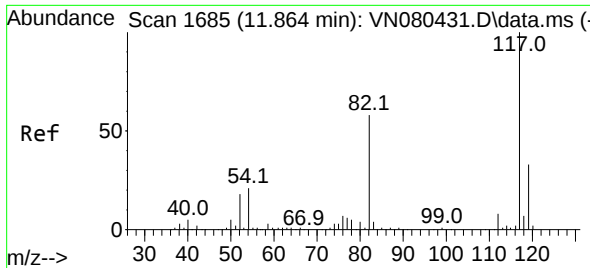
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#62
4-Bromofluorobenzene
Concen: 47.559 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

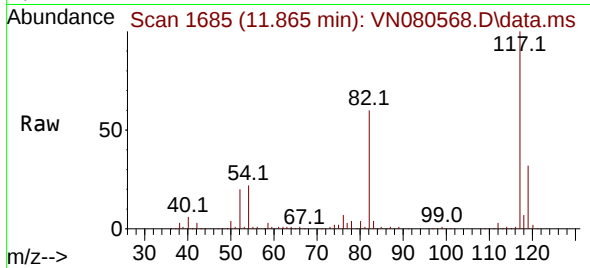
Tgt Ion: 95 Resp: 209351
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 70.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

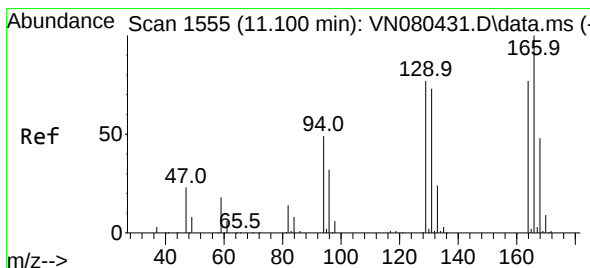
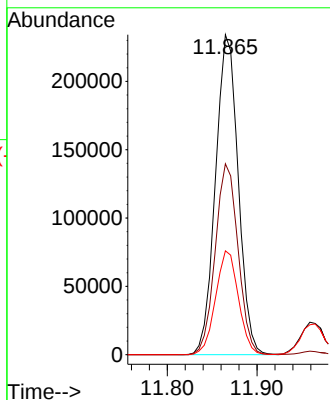
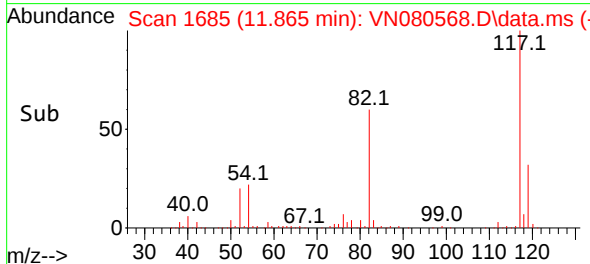
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion:117 Resp: 411849
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 32.4 25.6 38.4

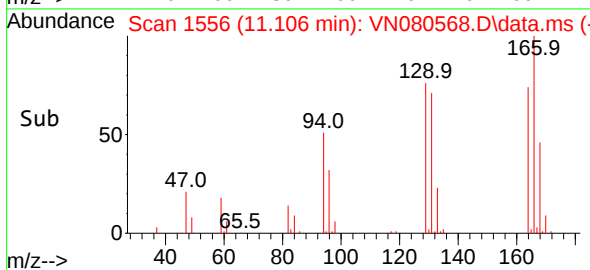
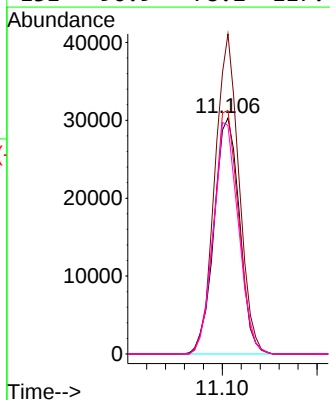
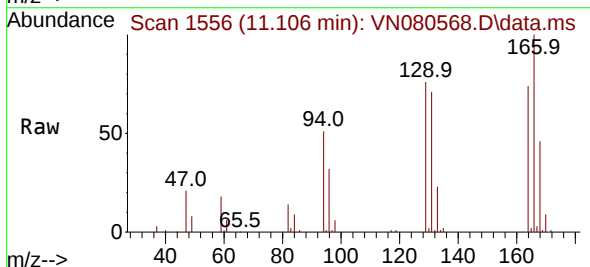
Manual Integrations
APPROVED

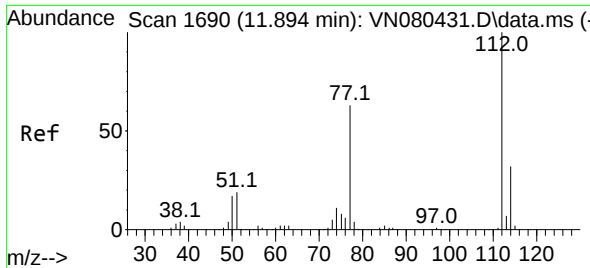
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#64
Tetrachloroethene
Concen: 17.739 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:164 Resp: 56407
Ion Ratio Lower Upper
164 100
166 135.7 101.4 152.0
129 103.2 82.4 123.6
131 96.9 78.2 117.4





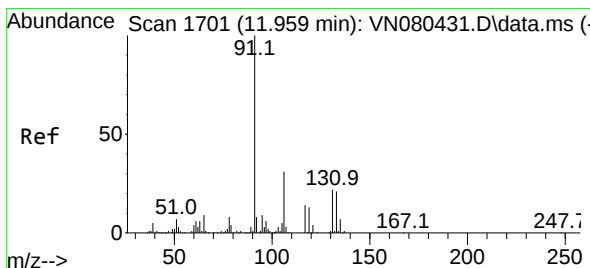
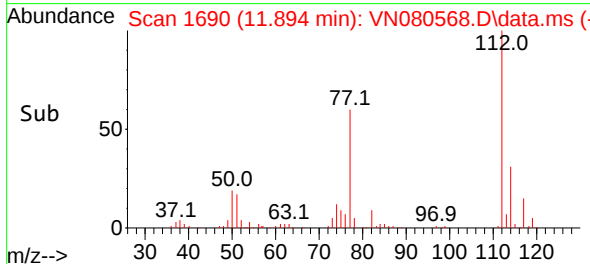
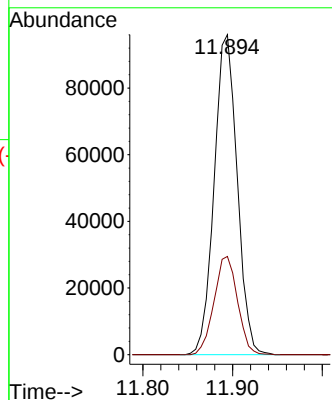
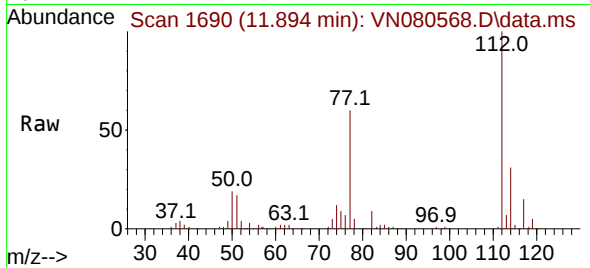
#65
Chlorobenzene
Concen: 18.638 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:112 Resp: 170754
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4

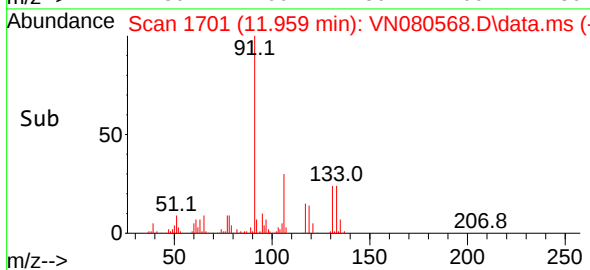
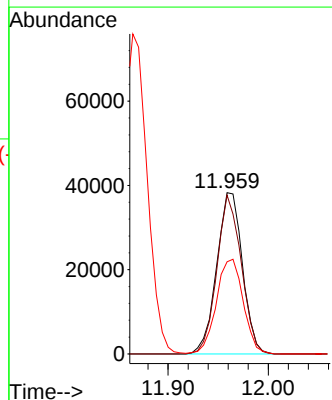
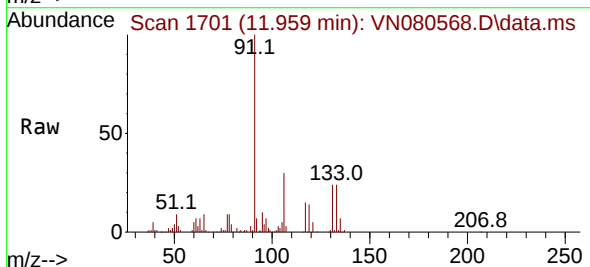
Manual Integrations
APPROVED

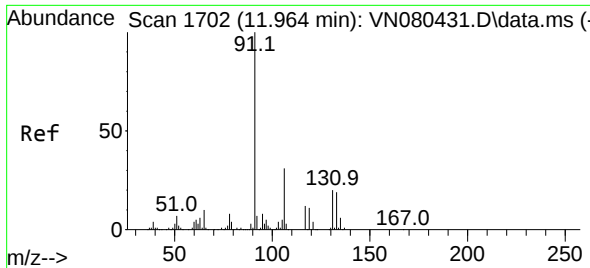
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.017 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:131 Resp: 68364
Ion Ratio Lower Upper
131 100
133 93.2 46.4 139.1
119 61.3 34.1 102.2





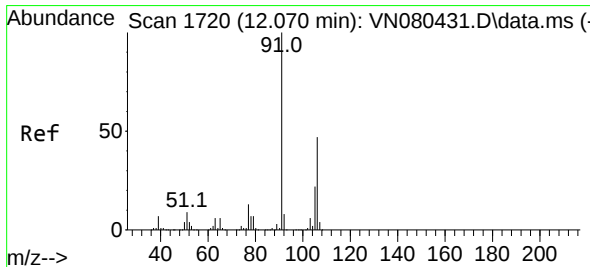
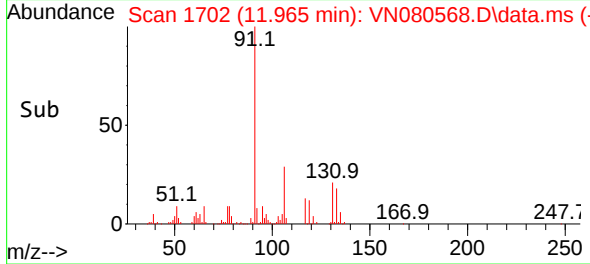
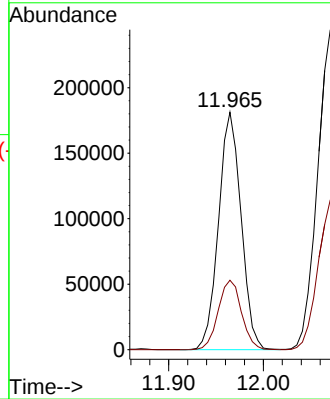
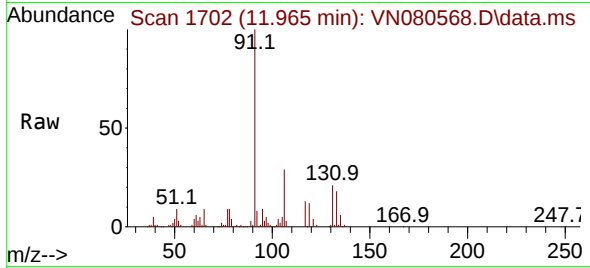
#67
Ethyl Benzene
Concen: 17.831 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 91 Resp: 30038
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

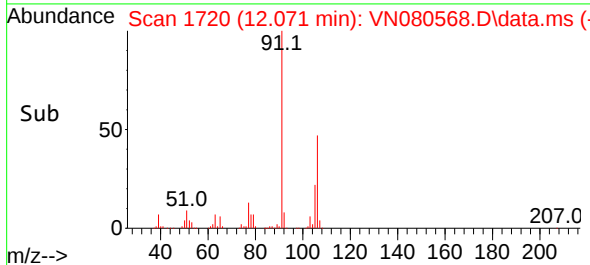
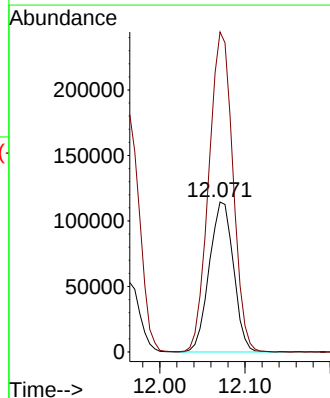
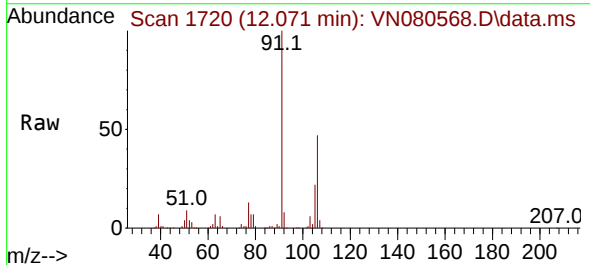
Manual Integrations
APPROVED

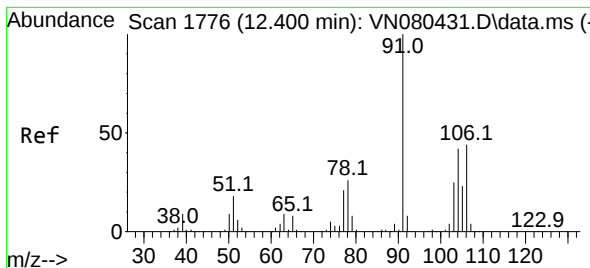
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#68
m/p-Xylenes
Concen: 36.330 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:106 Resp: 226156
Ion Ratio Lower Upper
106 100
91 212.5 159.6 239.4





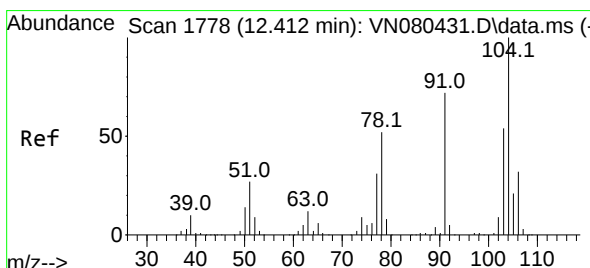
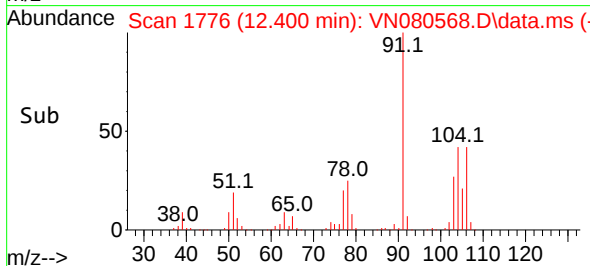
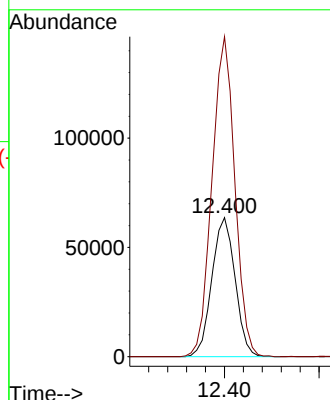
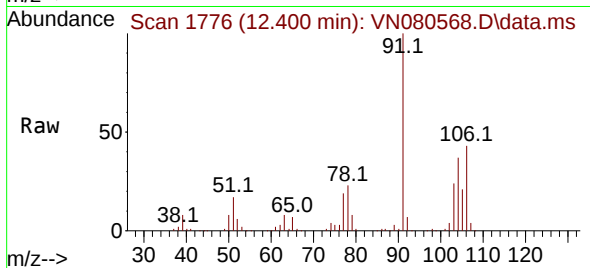
#69
o-Xylene
Concen: 17.793 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:106 Resp: 108334
Ion Ratio Lower Upper
106 100
91 226.2 105.2 315.5

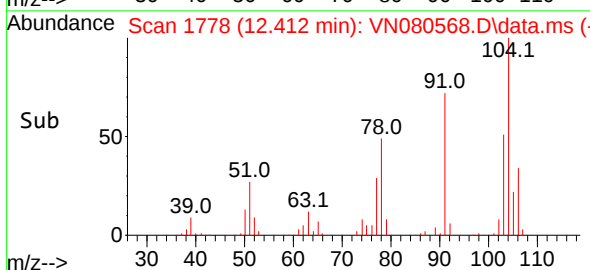
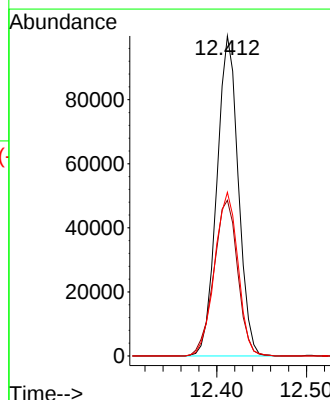
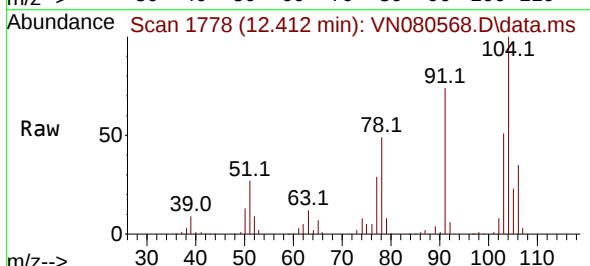
Manual Integrations
APPROVED

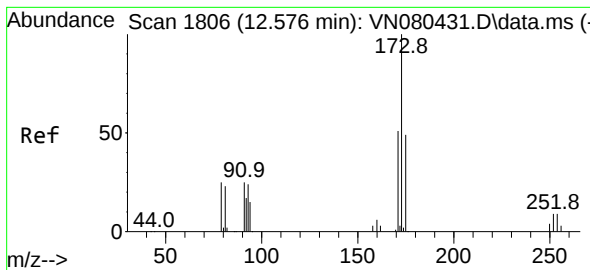
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#70
Styrene
Concen: 18.916 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:104 Resp: 165905
Ion Ratio Lower Upper
104 100
78 54.1 39.5 59.3
103 55.7 43.2 64.8





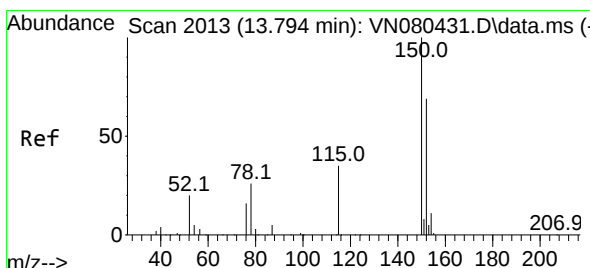
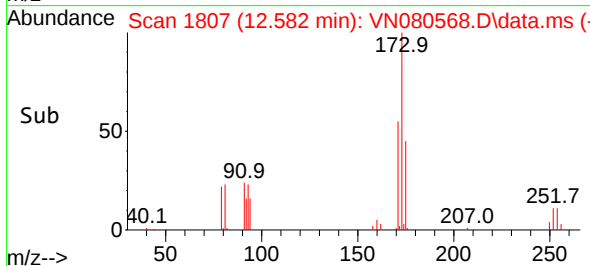
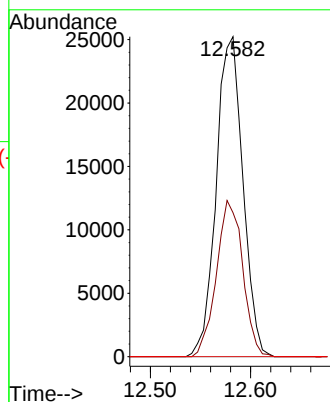
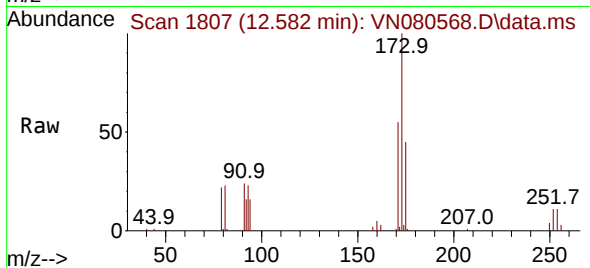
#71
Bromoform
Concen: 17.781 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:173 Resp: 4661
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

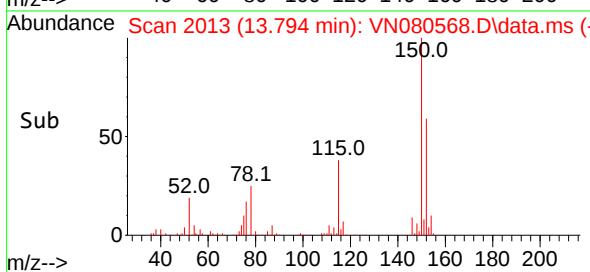
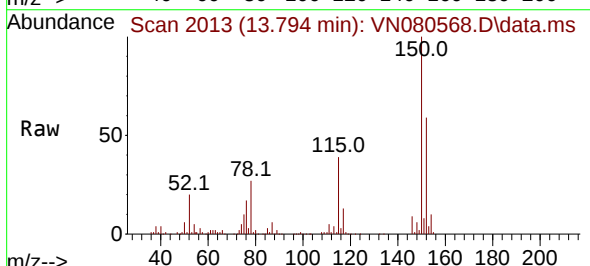
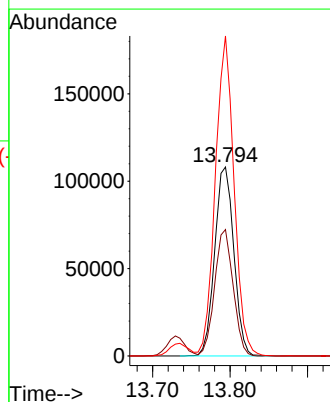
Manual Integrations
APPROVED

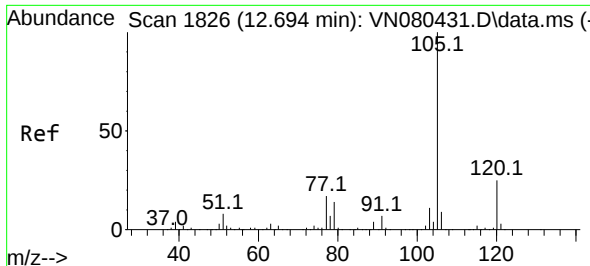
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

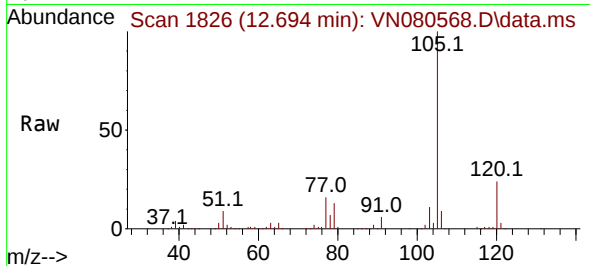
Tgt Ion:152 Resp: 185539
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 165.6 0.0 355.8





#73
Isopropylbenzene
Concen: 18.476 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

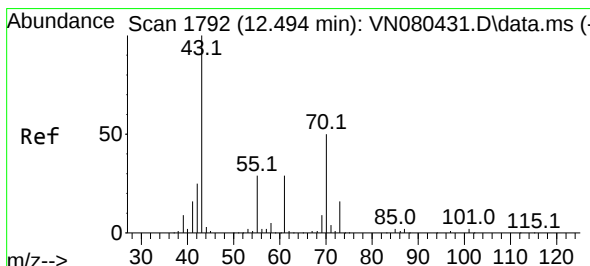
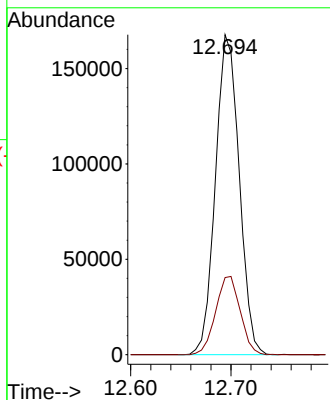
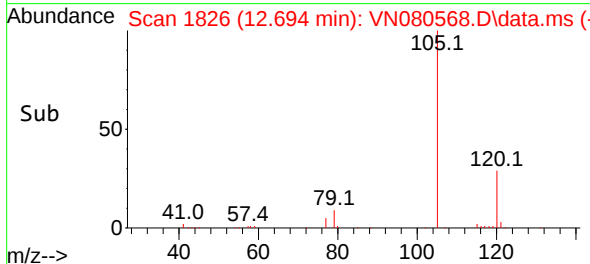
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



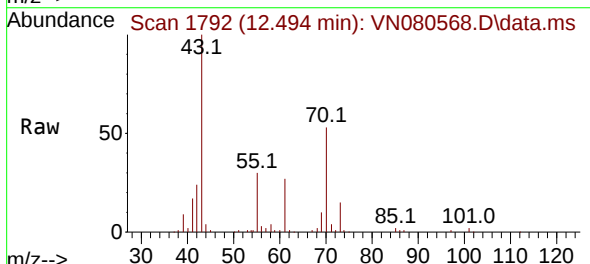
Tgt Ion:105 Resp: 275380
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

Manual Integrations
APPROVED

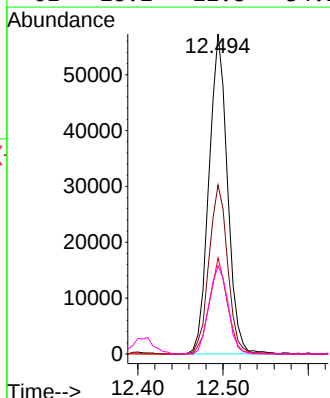
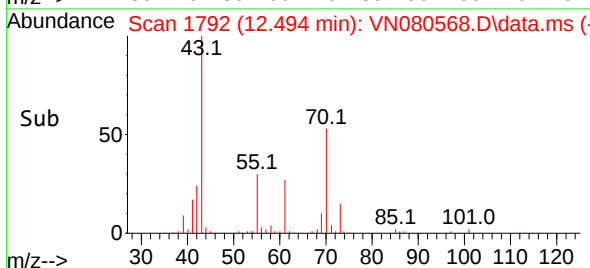
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

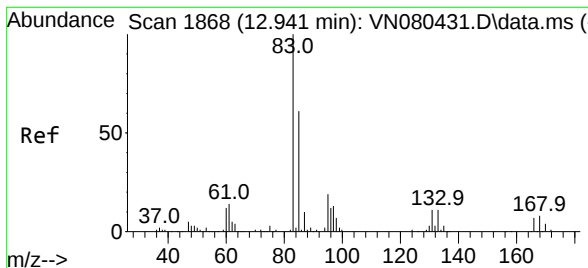


#74
N-ethyl acetate
Concen: 19.885 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



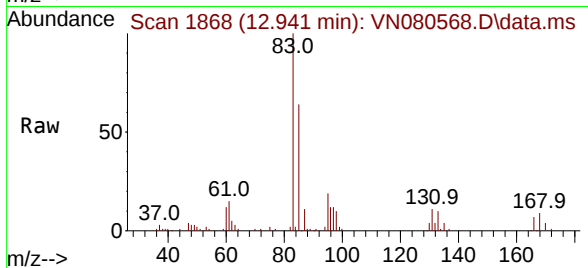
Tgt Ion: 43 Resp: 86548
Ion Ratio Lower Upper
43 100
70 53.2 43.4 65.2
55 28.8 21.4 32.0
61 28.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.384 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

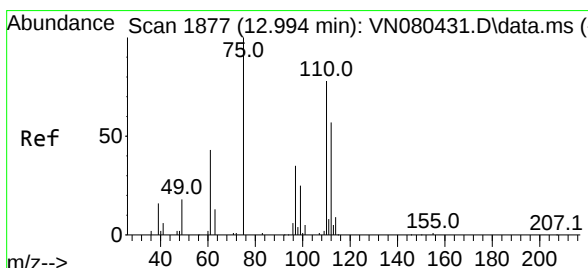
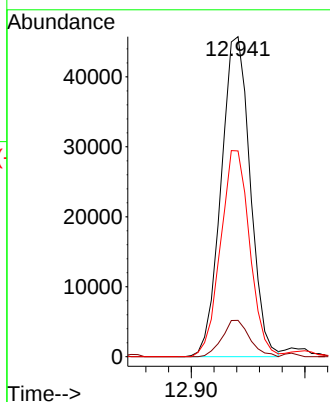
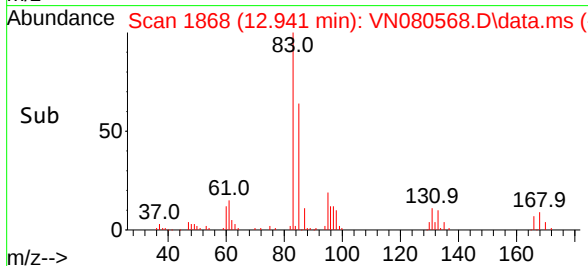
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 83 Resp: 8141
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 64.7 31.9 95.7

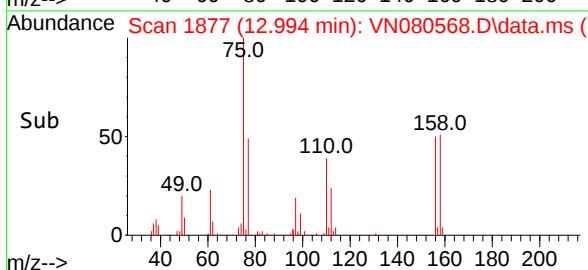
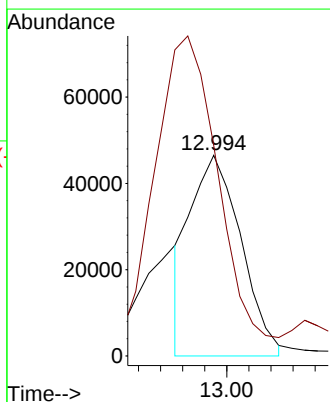
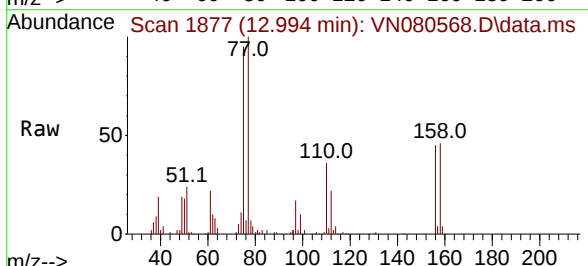
Manual Integrations
APPROVED

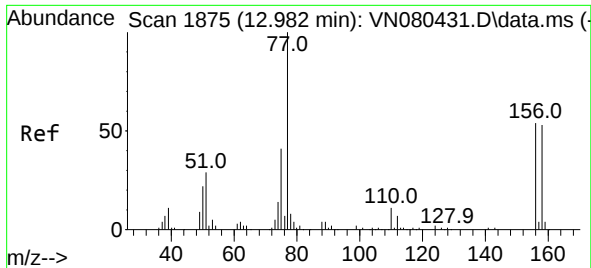
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#76
1,2,3-Trichloropropane
Concen: 20.085 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 75 Resp: 74344
Ion Ratio Lower Upper
75 100
77 204.4 84.5 253.5





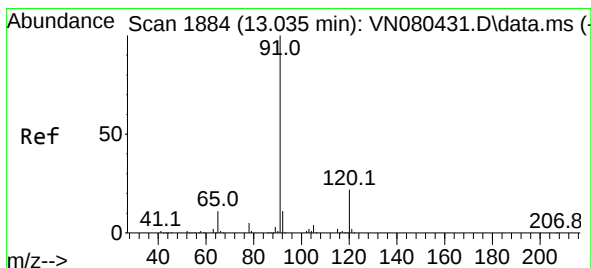
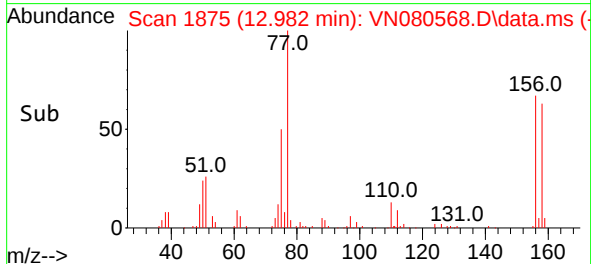
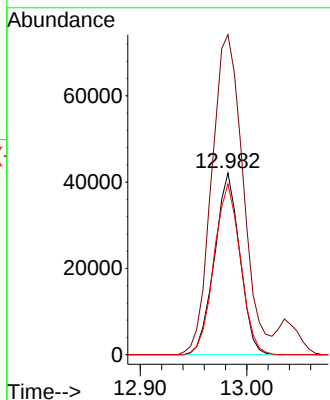
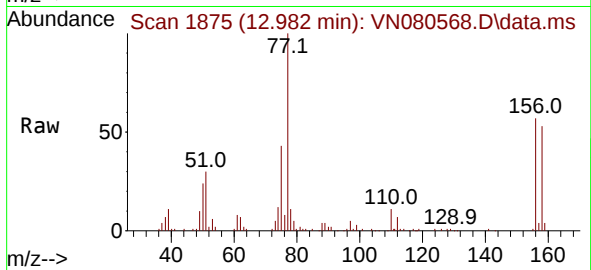
#77
Bromobenzene
Concen: 18.929 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:156 Resp: 6940
Ion Ratio Lower Upper
156 100
77 218.9 107.7 323.3
158 98.2 48.4 145.3

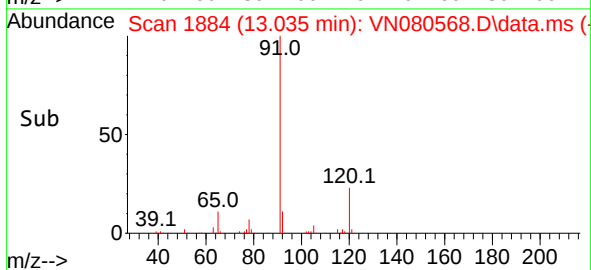
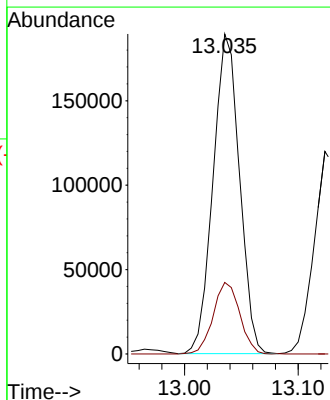
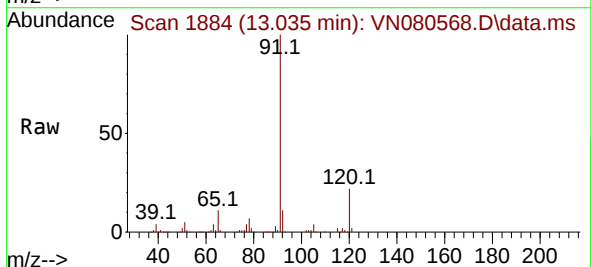
Manual Integrations
APPROVED

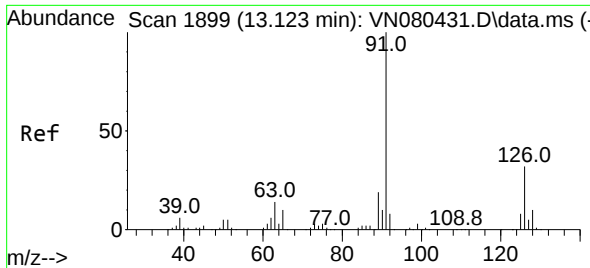
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#78
n-propylbenzene
Concen: 18.618 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 91 Resp: 305962
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





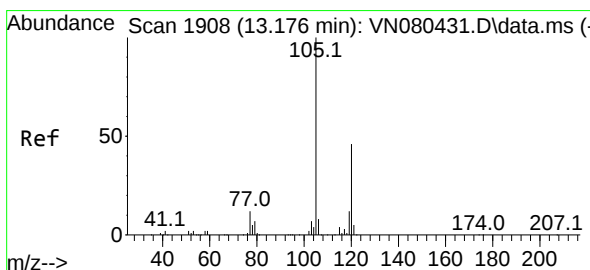
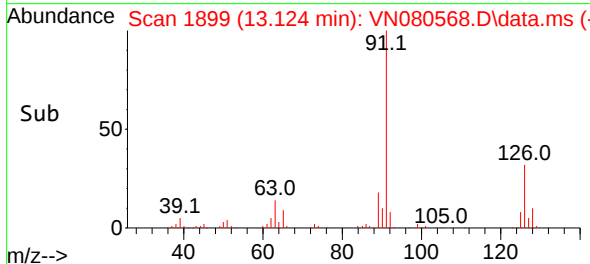
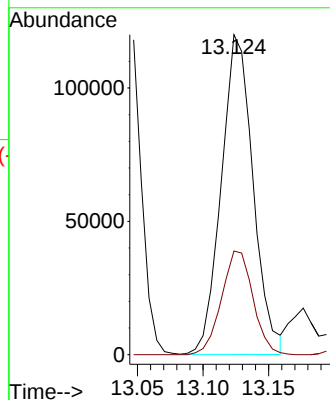
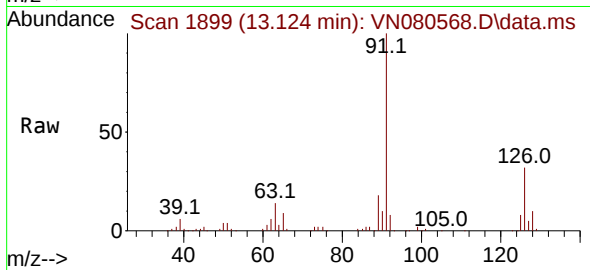
#79
2-Chlorotoluene
Concen: 18.862 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 91 Resp: 202368
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

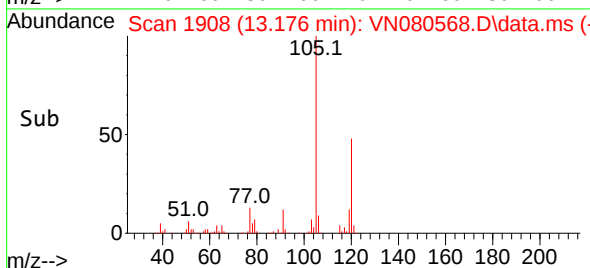
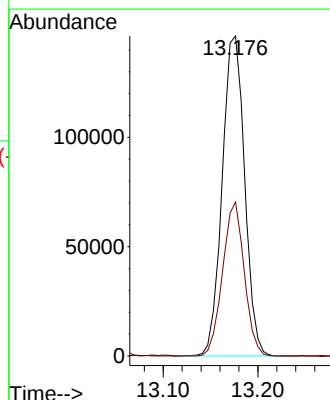
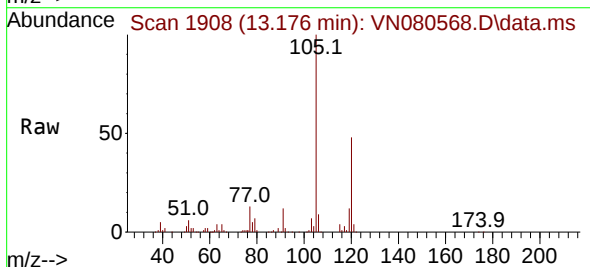
Manual Integrations
APPROVED

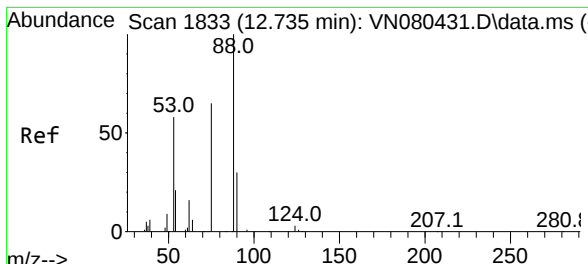
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.786 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

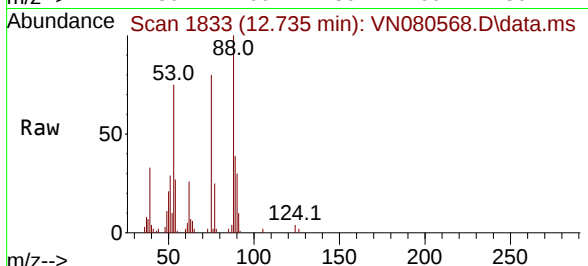
Tgt Ion:105 Resp: 241156
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.561 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

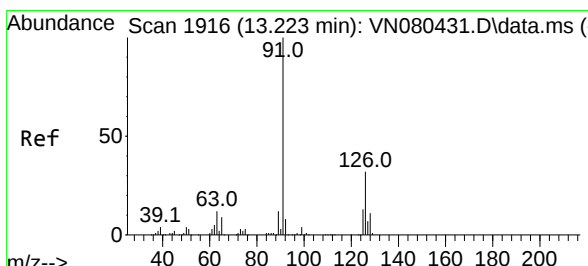
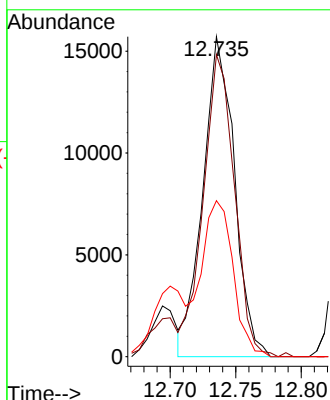
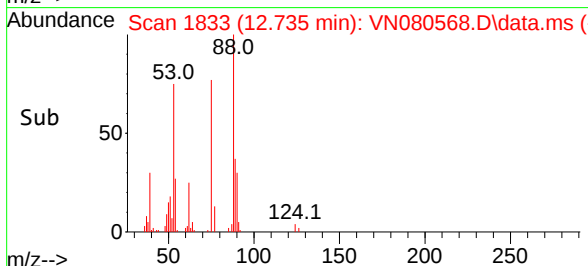
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 75 Resp: 26160
Ion Ratio Lower Upper
75 100
53 94.0 67.4 101.2
89 49.6 38.8 58.2

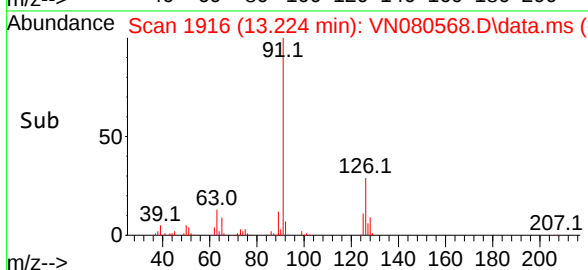
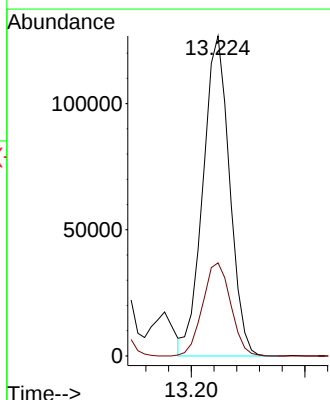
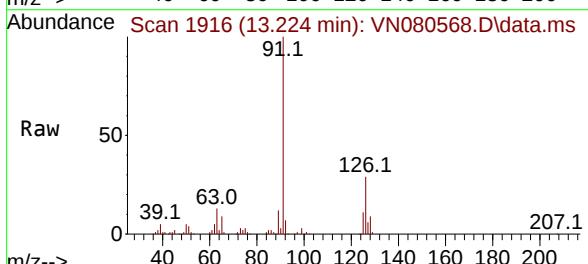
Manual Integrations
APPROVED

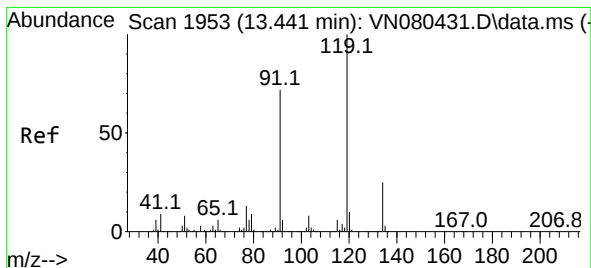
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#82
4-Chlorotoluene
Concen: 18.716 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

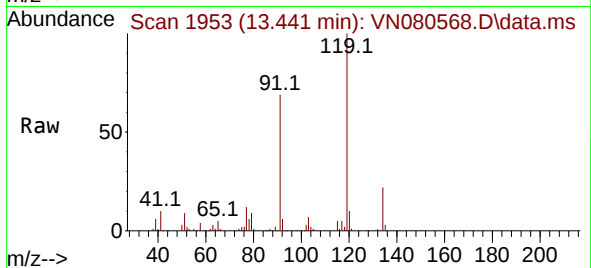
Tgt Ion: 91 Resp: 206393
Ion Ratio Lower Upper
91 100
126 30.7 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 17.768 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

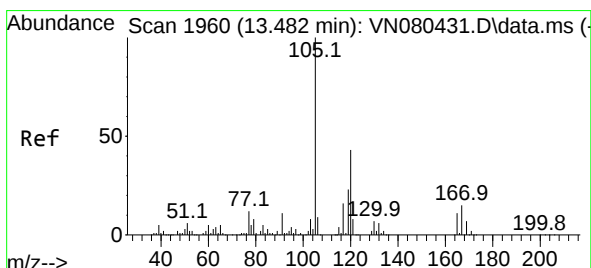
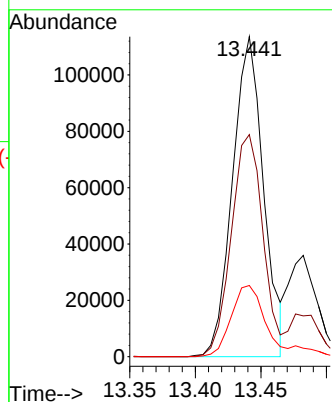
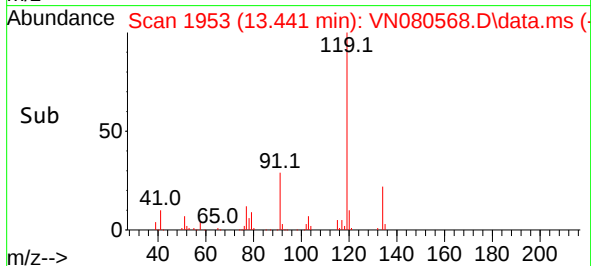
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01



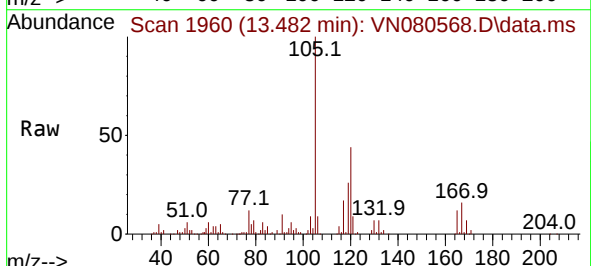
Tgt Ion:119 Resp: 186793
 Ion Ratio Lower Upper
 119 100
 91 71.0 33.9 101.7
 134 24.0 13.2 39.6

Manual Integrations
 APPROVED

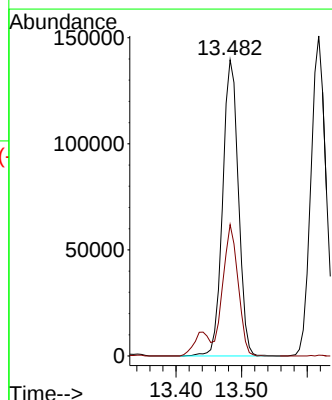
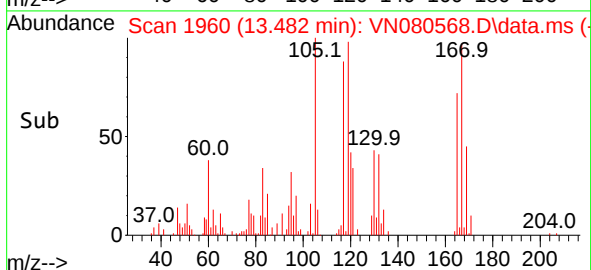
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023

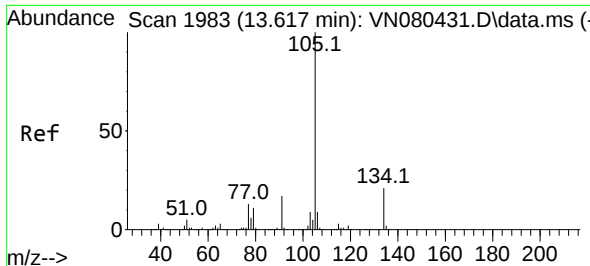


#84
 1,2,4-Trimethylbenzene
 Concen: 18.130 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05



Tgt Ion:105 Resp: 231530
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.0 66.0





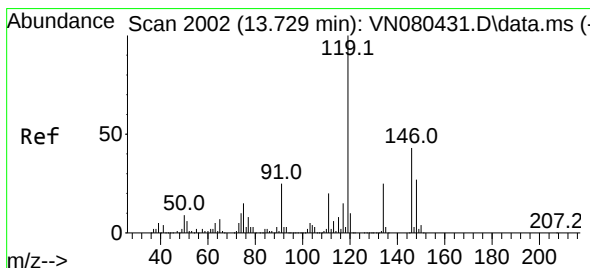
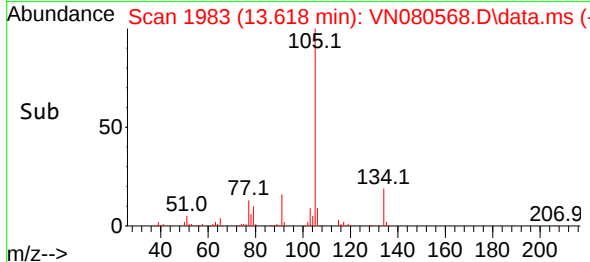
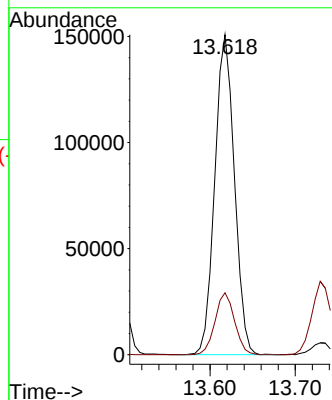
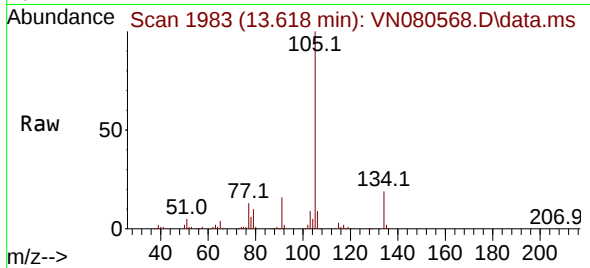
#85
 sec-Butylbenzene
 Concen: 17.907 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Tgt Ion:105 Resp: 240815
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

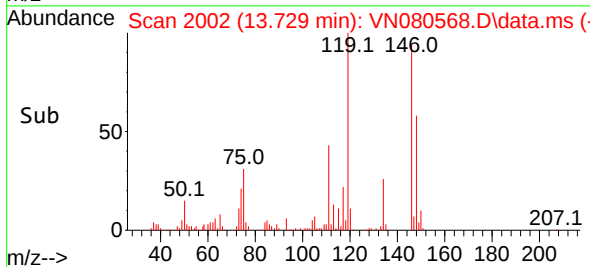
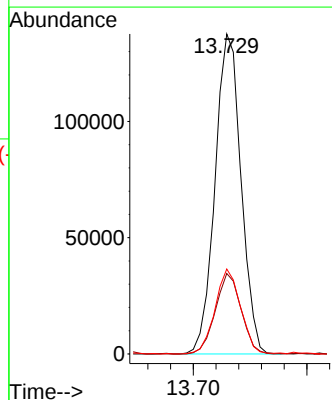
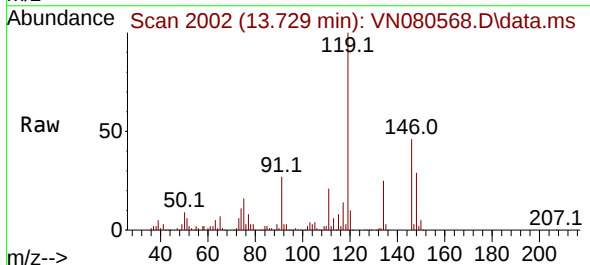
Manual Integrations
 APPROVED

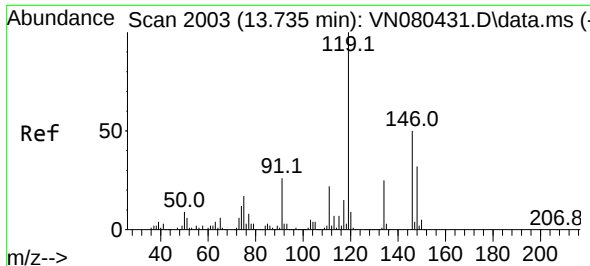
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#86
 p-Isopropyltoluene
 Concen: 18.011 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

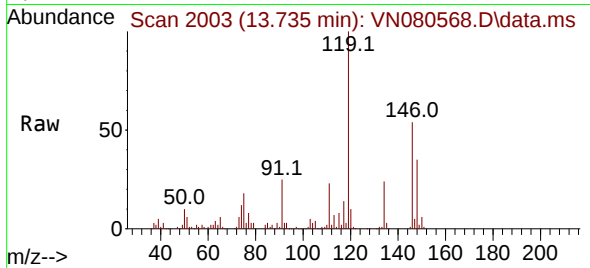
Tgt Ion:119 Resp: 218698
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.874 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

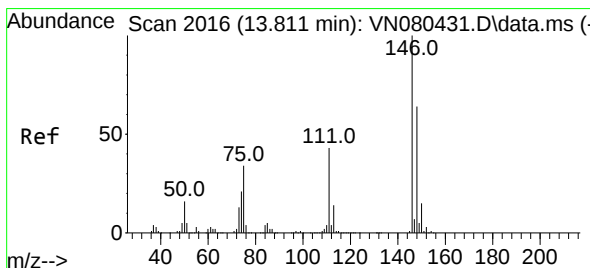
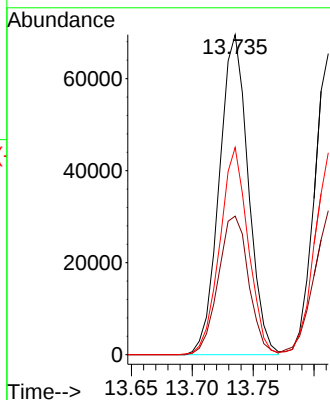
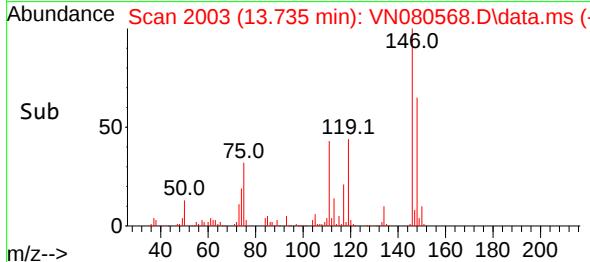
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



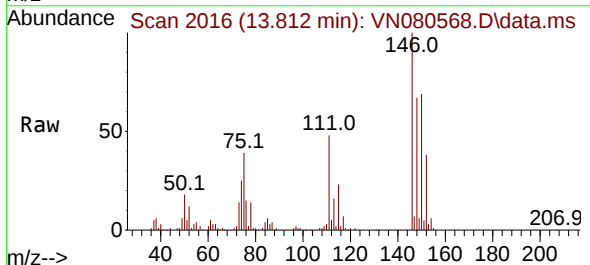
Tgt Ion:146 Resp: 115470
Ion Ratio Lower Upper
146 100
111 45.4 22.1 66.3
148 63.3 32.0 96.0

Manual Integrations
APPROVED

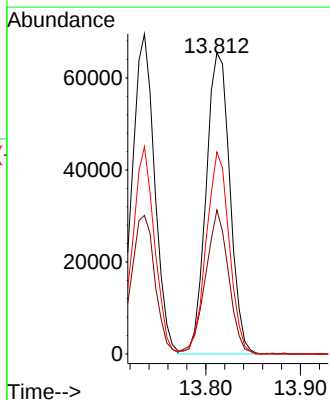
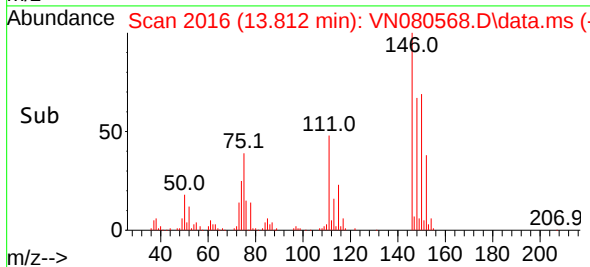
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

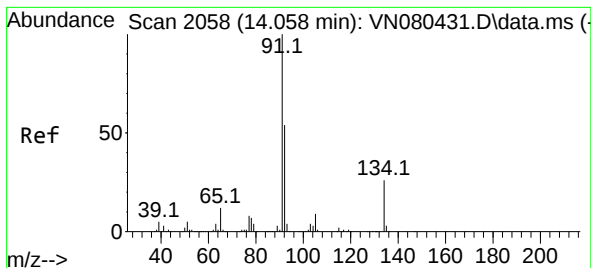


#88
1,4-Dichlorobenzene
Concen: 17.512 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion:146 Resp: 114196
Ion Ratio Lower Upper
146 100
111 46.3 20.6 61.8
148 65.0 31.6 94.8





#89

n-Butylbenzene

Concen: 17.314 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

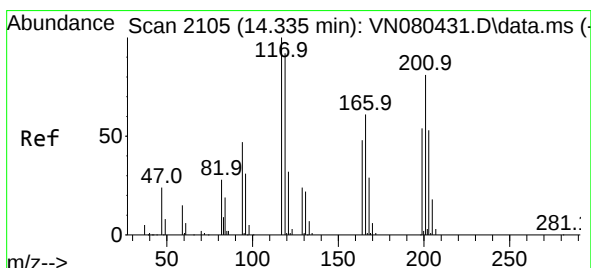
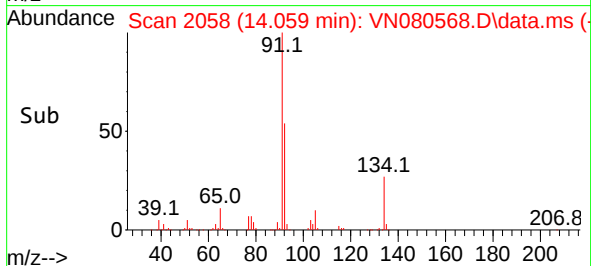
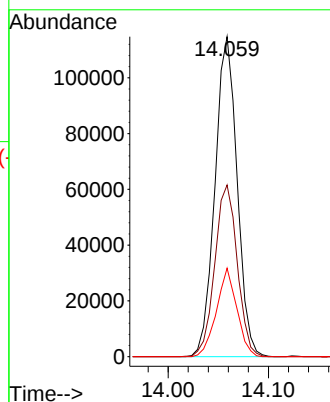
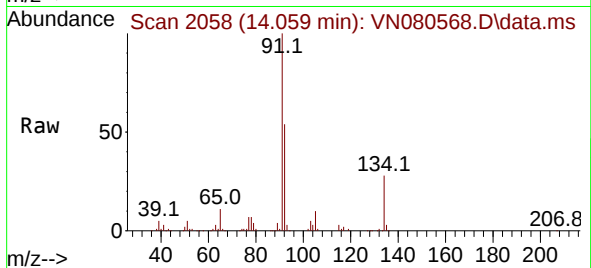
Tgt Ion: 91	Resp: 17556
Ion Ratio	Lower Upper
91	100
92	54.5 26.4 79.0
134	25.5 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#90

Hexachloroethane

Concen: 18.316 ug/l

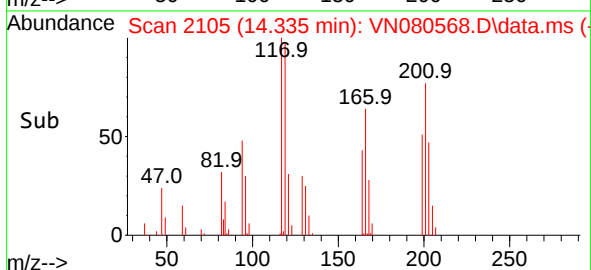
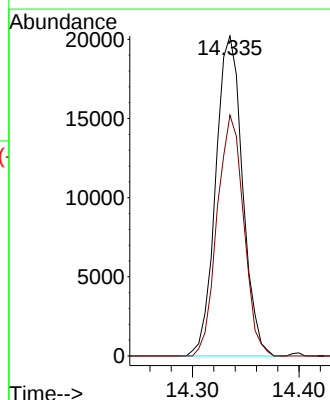
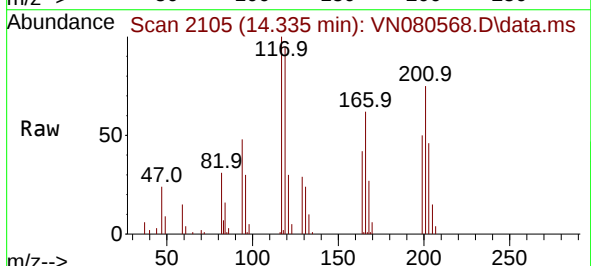
RT: 14.335 min Scan# 2105

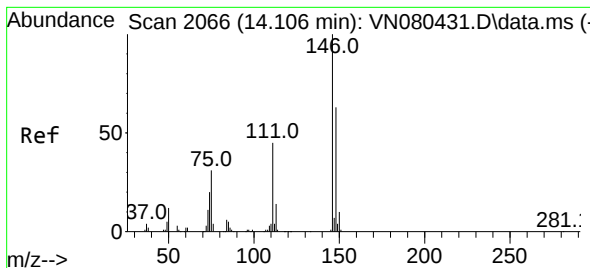
Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Tgt Ion: 117	Resp: 35321
Ion Ratio	Lower Upper
117	100
201	74.4 29.3 88.0





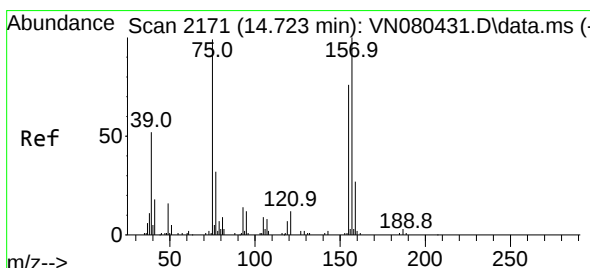
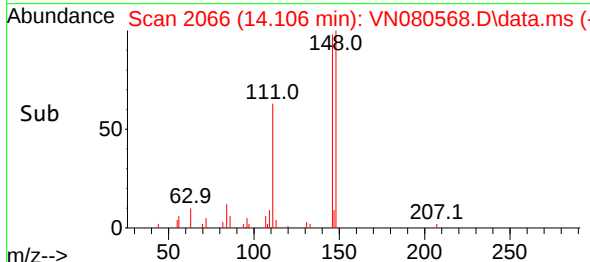
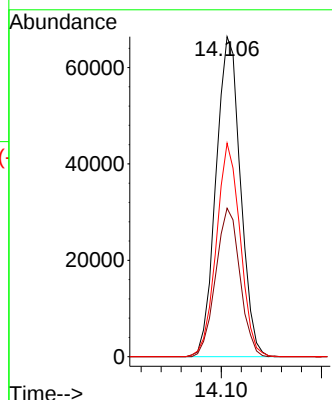
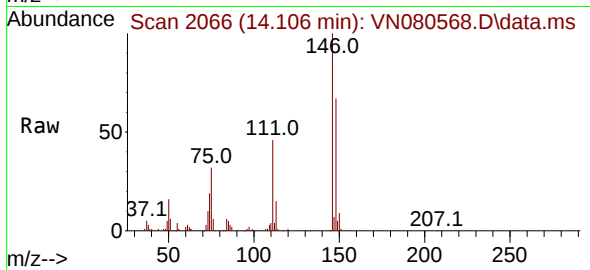
#91
1,2-Dichlorobenzene
Concen: 18.325 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:146 Resp: 11241
Ion Ratio Lower Upper
146 100
111 46.0 22.0 66.0
148 65.0 31.8 95.3

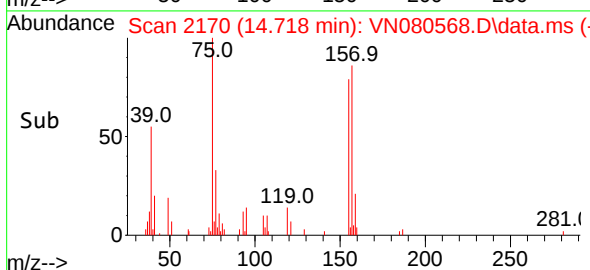
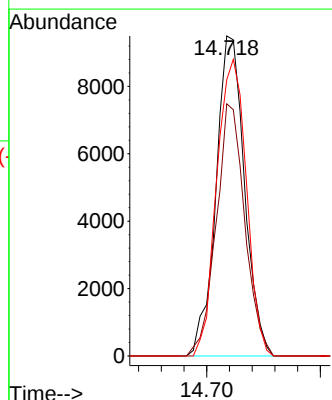
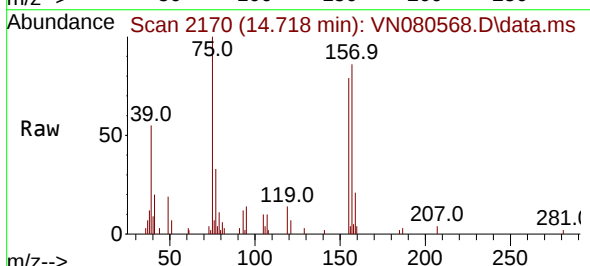
Manual Integrations
APPROVED

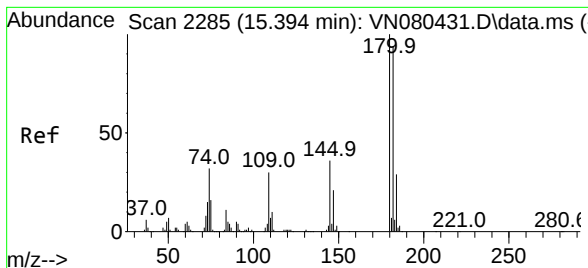
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.750 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

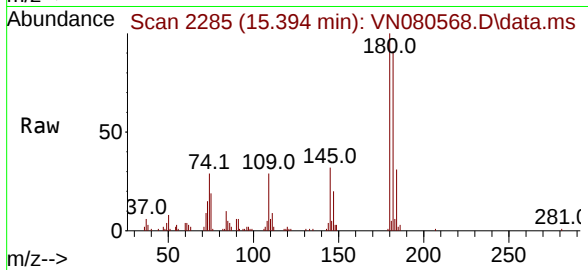
Tgt Ion: 75 Resp: 16592
Ion Ratio Lower Upper
75 100
155 78.8 39.1 117.2
157 95.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 19.093 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

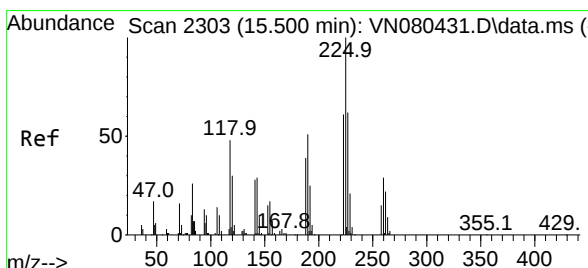
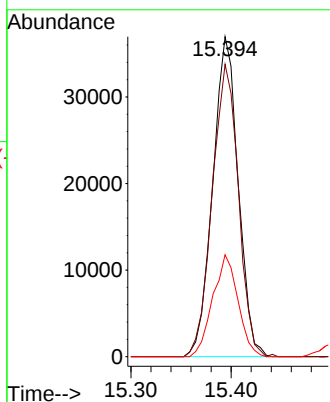
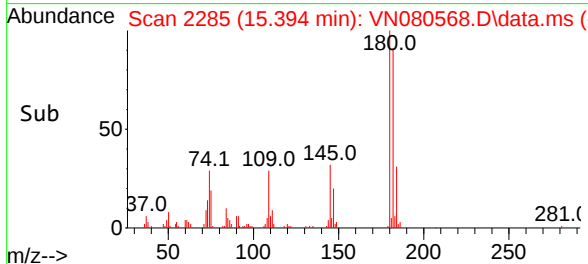
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion:180 Resp: 65030
Ion Ratio Lower Upper
180 100
182 94.1 46.1 138.2
145 31.7 16.6 49.8

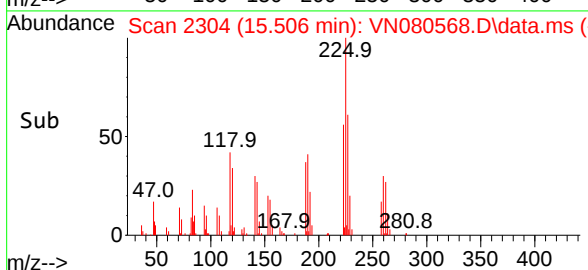
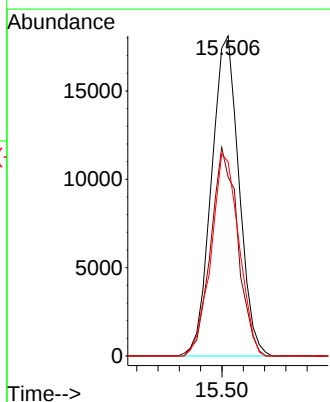
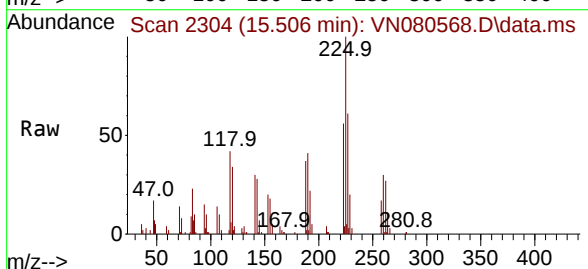
Manual Integrations
APPROVED

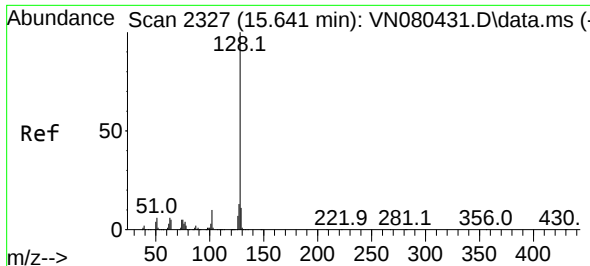
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#94
Hexachlorobutadiene
Concen: 16.694 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

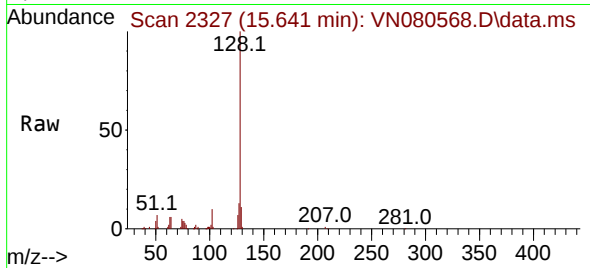
Tgt Ion:225 Resp: 32370
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 64.1 31.9 95.9





#95
Naphthalene
Concen: 18.900 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

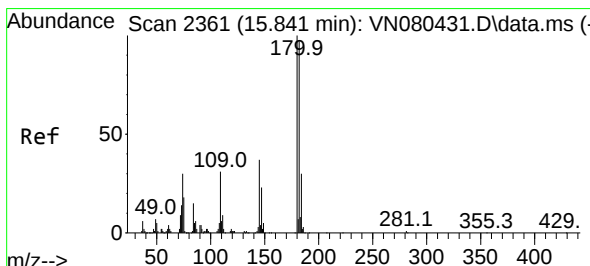
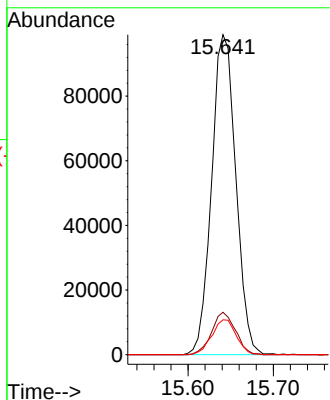
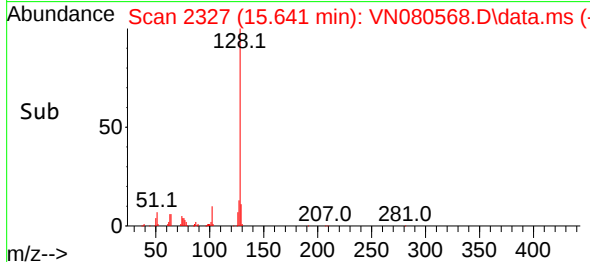
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



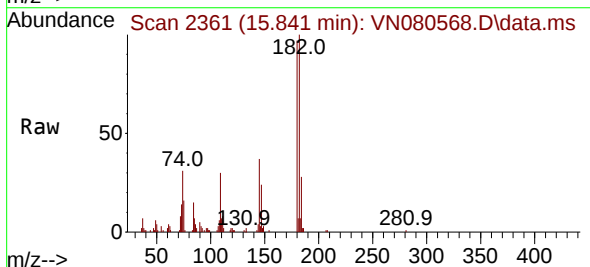
Tgt Ion:128 Resp: 195474
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.547 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion:180 Resp: 60958
Ion Ratio Lower Upper
180 100
182 97.3 46.2 138.6
145 36.6 17.5 52.6

