

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081768.D
 Acq On : 17 Apr 2024 12:06
 Operator : JC\MD
 Sample : VN0417WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 18 01:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	8280	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	108733	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	142105	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	62045	60.996	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 203.333%#			
60) 4-Bromofluorobenzene	12.853	95	85289	30.527	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.767%			
63) Toluene-d8	10.565	98	180641	31.690	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	38281	33.088	ug/l	95
3) Chloromethane	2.359	50	56167	55.956	ug/l	99
4) Vinyl Chloride	2.518	62	56288	54.534	ug/l	99
5) Bromomethane	2.959	94	33084	37.847	ug/l	96
6) Chloroethane	3.130	64	31754	39.306	ug/l	89
7) Trichlorofluoromethane	3.494	101	69353	40.926	ug/l	88
8) Diethyl Ether	3.959	74	20097	31.797	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	41340	35.558	ug/l	95
10) 1,1-Dichloroethene	4.341	96	35304	33.111	ug/l	86
11) Methyl Iodide	4.589	142	32400	26.833	ug/l	96
12) Methyl Acetate	5.024	43	35269	36.023	ug/l #	78
13) Acrolein	4.183	56	24297	188.430	ug/l #	57
14) Acrylonitrile	5.724	53	90240	185.164	ug/l	94
15) Acetone	4.424	58	20668	192.821	ug/l	85
16) Carbon Disulfide	4.712	76	102777	33.899	ug/l	99
17) Allyl chloride	5.018	41	45267	35.095	ug/l	79
18) Methylene Chloride	5.283	84	46289	37.702	ug/l	96
19) trans-1,2-Dichloroethene	5.788	96	40667	34.781	ug/l	91
20) Diisopropyl ether	6.671	45	119745	38.994	ug/l #	96
21) 1,1-Dichloroethane	6.565	63	77517	37.861	ug/l	99
22) cis-1,2-Dichloroethene	7.488	96	48283	34.196	ug/l	97
23) tert-Butyl Alcohol	5.506	59	30643	177.122	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	117986	35.381	ug/l	93
25) Chloroform	7.965	83	88864	38.147	ug/l	94
26) Cyclohexane	8.259	56	59869	36.476	ug/l #	86
29) 1,1-Dichloropropene	8.377	75	58673	20.525	ug/l	97
30) 2-Butanone	7.482	43	110393	101.118	ug/l	98
31) 2,2-Dichloropropane	7.488	77	73642	20.682	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	77276	19.614	ug/l	97
33) Carbon Tetrachloride	8.359	117	70810	19.828	ug/l	97
34) Benzene	8.606	78	181796	19.742	ug/l	97
35) Methacrylonitrile	7.771	41	24308	19.657	ug/l	82
36) 1,2-Dichloroethane	8.671	62	67261	22.269	ug/l	98
37) Trichloroethene	9.353	130	45773	18.784	ug/l	93
38) Methylcyclohexane	9.600	83	61909	17.719	ug/l	98
39) 1,2-Dichloropropane	9.623	63	44222	20.584	ug/l	100
40) Dibromomethane	9.712	93	34404	20.104	ug/l	96
41) Bromodichloromethane	9.888	83	70298	20.144	ug/l	97
42) Vinyl Acetate	6.600	43	446778	98.238	ug/l	100

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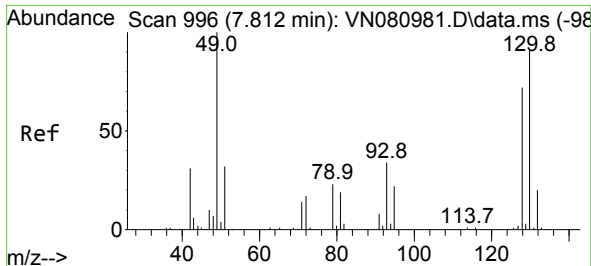
Quant Time: Apr 18 01:09:27 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	47672	19.813	ug/l #	81
44) Isopropyl Acetate	8.688	43	83659	20.751	ug/l	93
45) 1,4-Dioxane	9.694	88	18357	412.487	ug/l	91
46) Methyl methacrylate	9.682	41	38411	21.187	ug/l	87
47) n-amyl Acetate	12.494	43	71415	19.741	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	68312	20.547	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	70796	19.774	ug/l #	90
50) 1,1,2-Trichloroethane	11.018	97	45910	20.036	ug/l	96
51) Ethyl methacrylate	10.876	69	60784	19.051	ug/l	92
52) 1,3-Dichloropropane	11.165	76	75181	20.017	ug/l	97
53) Dibromochloromethane	11.359	129	53524	19.554	ug/l	100
54) 1,2-Dibromoethane	11.470	107	45533	19.224	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	171398	109.394	ug/l	99
56) Bromoform	12.576	173	34112	19.490	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	269387	110.233	ug/l	90
59) 2-Hexanone	10.870	43	3239	1.765	ug/l	94
61) Tetrachloroethene	11.106	164	51309	19.486	ug/l	96
62) Toluene	10.635	91	207934	20.113	ug/l	99
64) Chlorobenzene	11.894	112	129040	19.684	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	44853	18.835	ug/l	92
66) Ethyl Benzene	11.965	91	209132	19.026	ug/l	96
67) m/p-Xylenes	12.076	106	173087	39.753	ug/l	94
68) o-Xylene	12.400	106	75639	18.299	ug/l	97
69) Styrene	12.412	104	137672	19.557	ug/l	98
70) Isopropylbenzene	12.694	105	208987	19.598	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	57754	20.734	ug/l	96
72) 1,2,3-Trichloropropane	12.988	75	81226	31.497	ug/l	67
73) Bromobenzene	12.982	156	49597	18.770	ug/l	97
74) n-propylbenzene	13.041	91	254887	19.969	ug/l	100
75) 2-Chlorotoluene	13.123	91	154466	20.312	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	179324	19.813	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21231	19.880	ug/l	93
78) 4-Chlorotoluene	13.223	91	151704	20.113	ug/l	96
79) tert-butylbenzene	13.441	119	149501	19.416	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	180631	20.012	ug/l	99
81) sec-Butylbenzene	13.617	105	223222	20.102	ug/l	98
82) p-Isopropyltoluene	13.729	119	176573	18.959	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	99904	20.231	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	97809	20.462	ug/l	95
85) n-Butylbenzene	14.059	91	151363	19.295	ug/l	98
86) Hexachloroethane	14.335	117	37680	21.178	ug/l	81
87) 1,2-Dichlorobenzene	14.106	146	96852	20.605	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12776	21.039	ug/l	94
89) 1,2,4-Trichlorobenzene	15.394	180	48020	18.639	ug/l	97
90) Hexachlorobutadiene	15.500	225	21313	20.643	ug/l	99
91) Naphthalene	15.647	128	143497	17.324	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	50116	19.452	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration

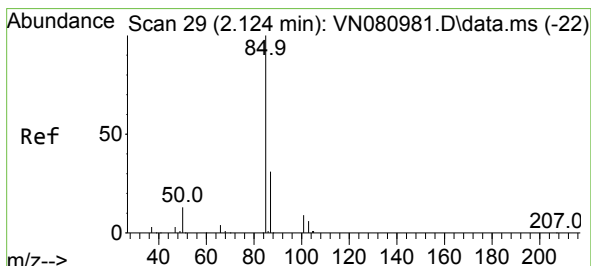
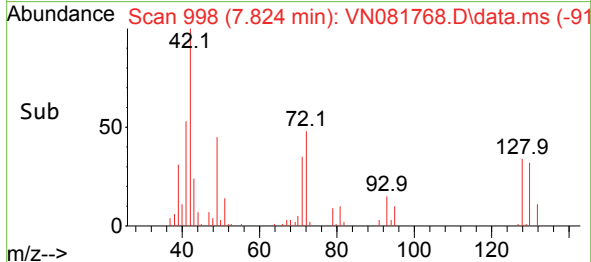
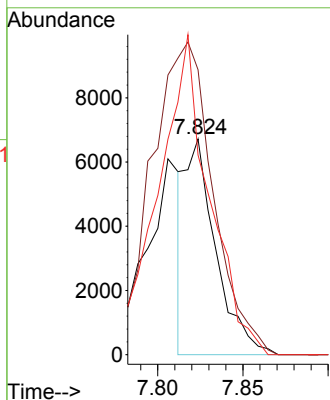
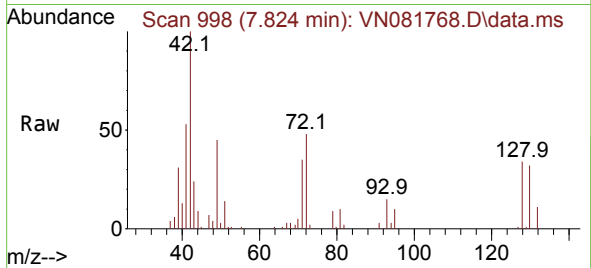




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

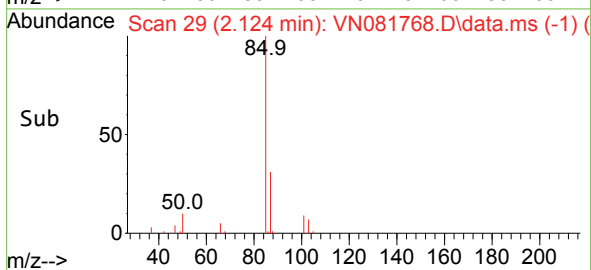
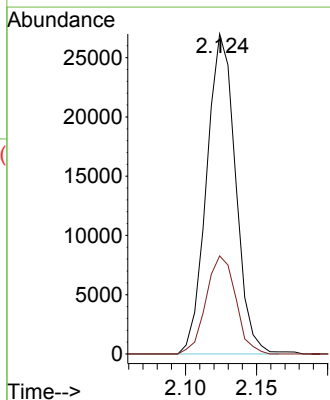
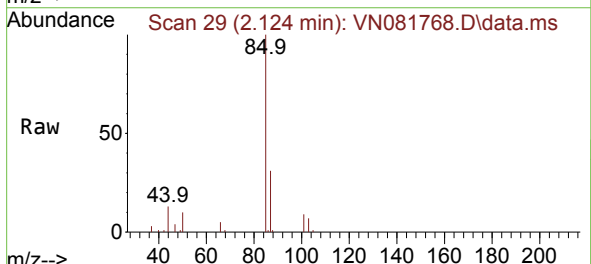
Instrument :
MSVOA_N
ClientSampleId :

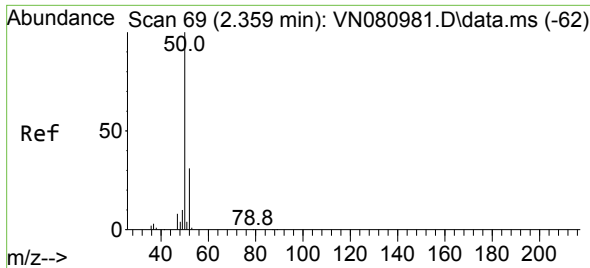
Tgt Ion:128 Resp: 8280
Ion Ratio Lower Upper
128 100
49 301.5 0.0 403.7
130 253.0 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 33.088 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 85 Resp: 38281
Ion Ratio Lower Upper
85 100
87 30.7 16.8 50.3

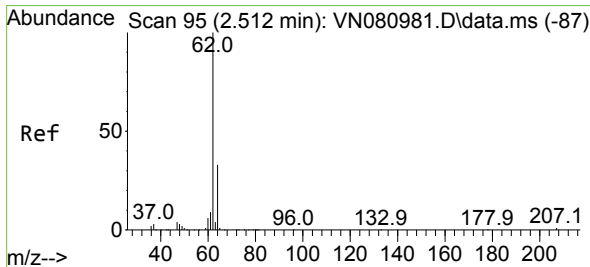
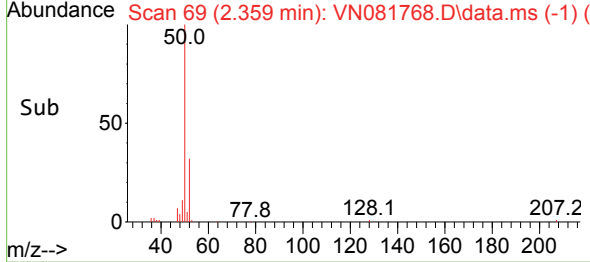
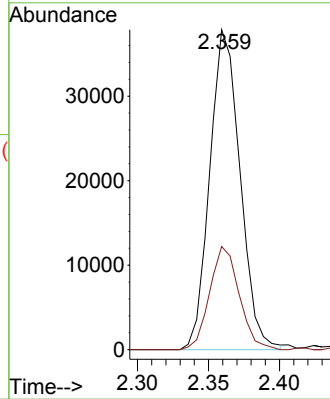
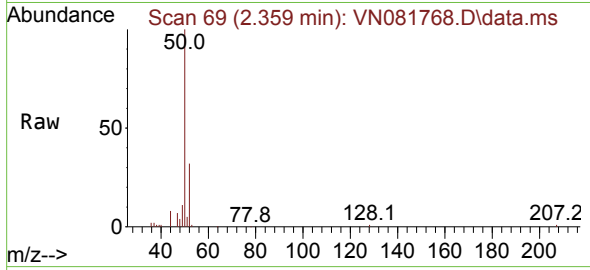




#3
Chloromethane
Concen: 55.956 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

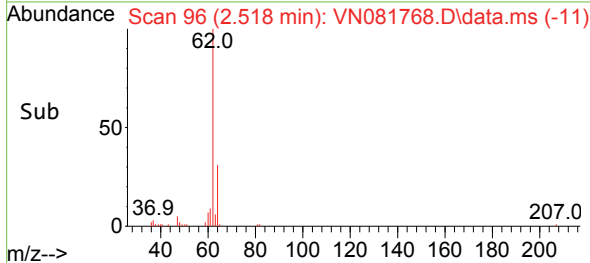
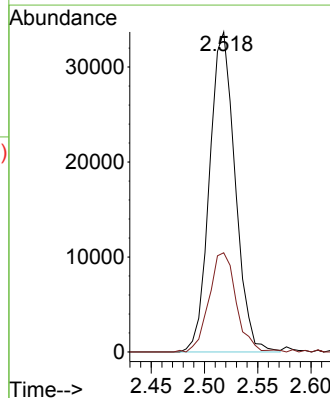
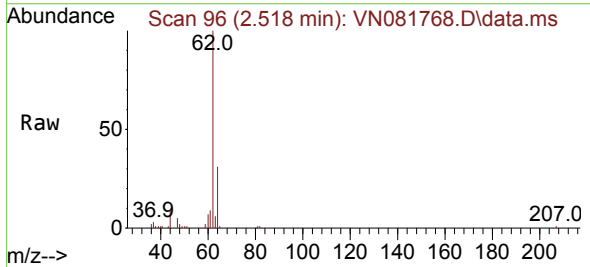
Instrument :
MSVOA_N
ClientSampleId :

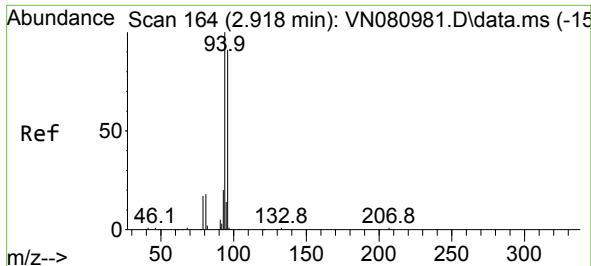
Tgt Ion: 50 Resp: 56167
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0



#4
Vinyl Chloride
Concen: 54.534 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 62 Resp: 56288
Ion Ratio Lower Upper
62 100
64 30.5 24.1 36.1

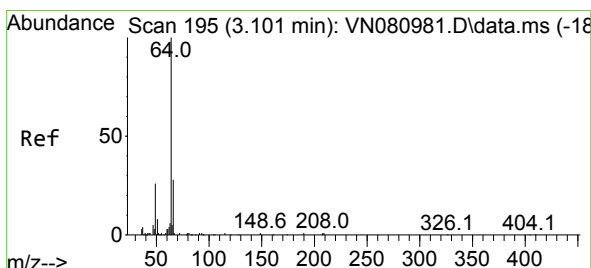
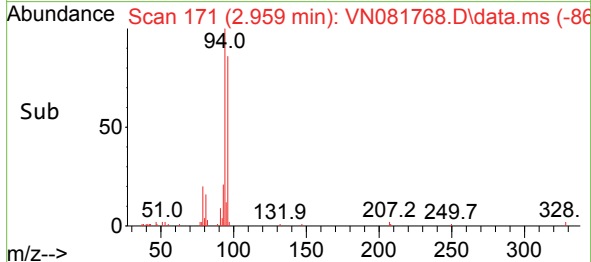
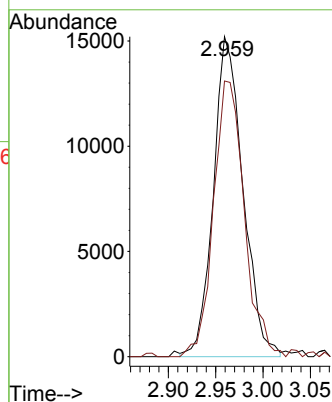
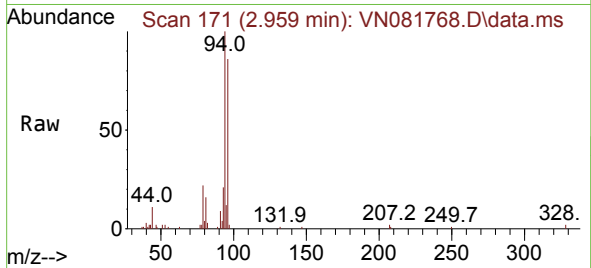




#5
Bromomethane
Concen: 37.847 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

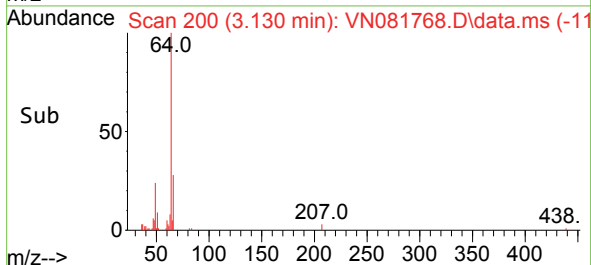
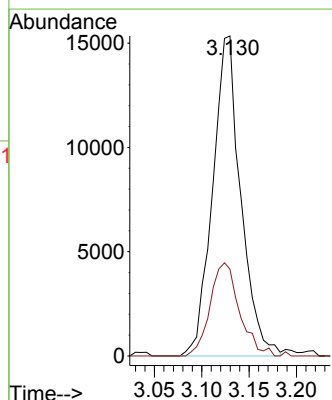
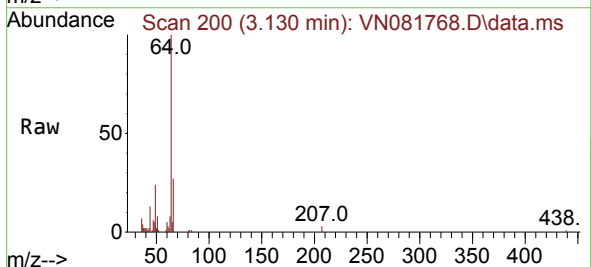
Instrument :
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ClientSampleId :

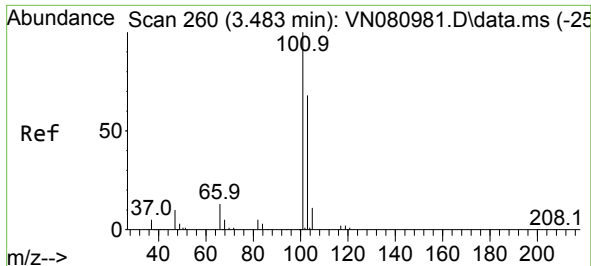
Tgt Ion: 94 Resp: 33084
Ion Ratio Lower Upper
94 100
96 87.0 72.8 109.2



#6
Chloroethane
Concen: 39.306 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 64 Resp: 31754
Ion Ratio Lower Upper
64 100
66 27.1 26.7 40.1

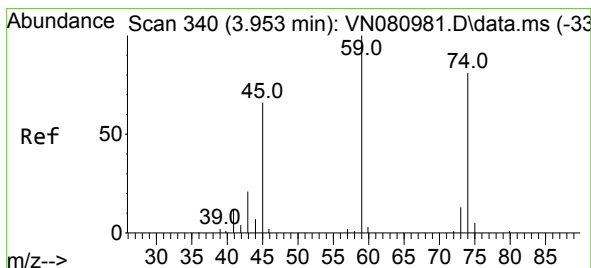
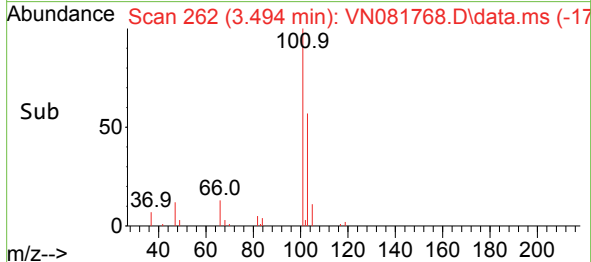
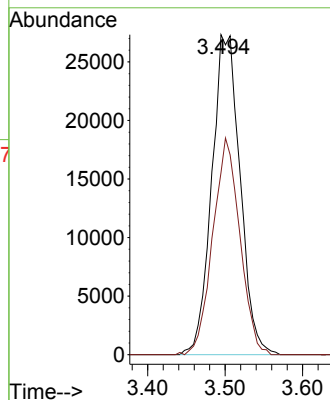
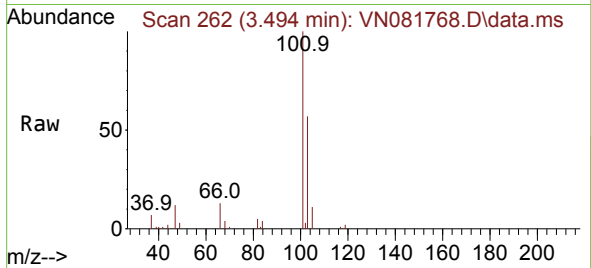




#7
Trichlorofluoromethane
Concen: 40.926 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

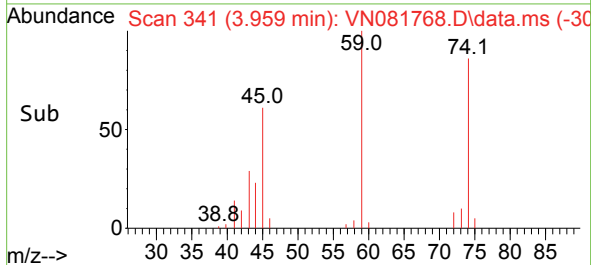
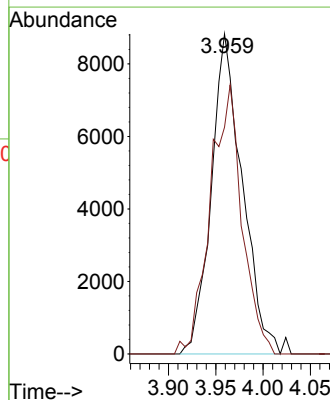
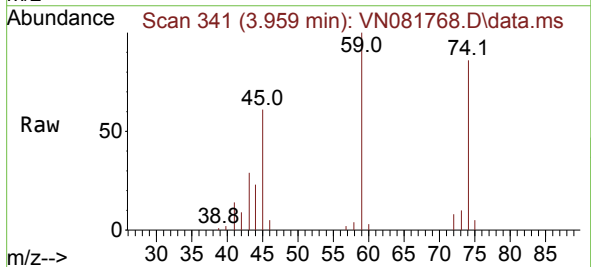
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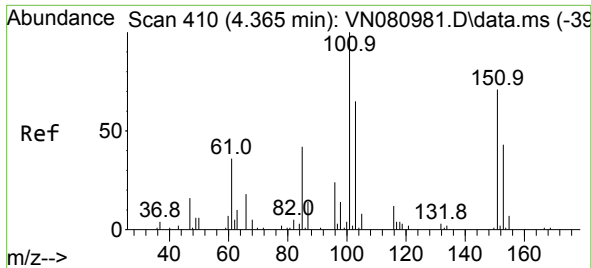
Tgt Ion:101 Resp: 69353
Ion Ratio Lower Upper
101 100
103 56.9 53.0 79.4



#8
Diethyl Ether
Concen: 31.797 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 74 Resp: 20097
Ion Ratio Lower Upper
74 100
45 51.9 16.4 147.4

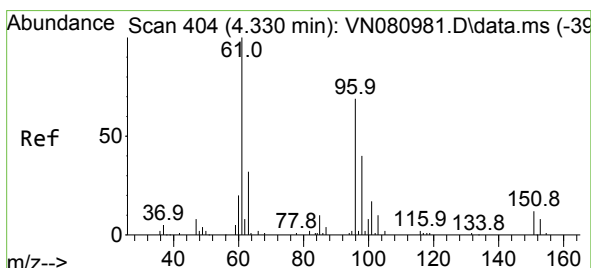
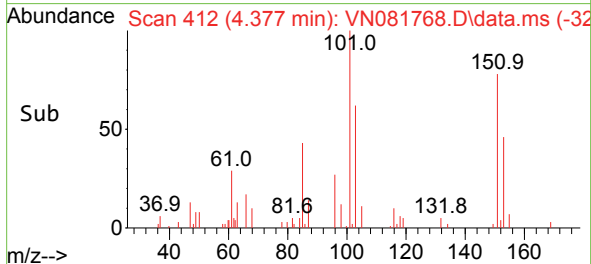
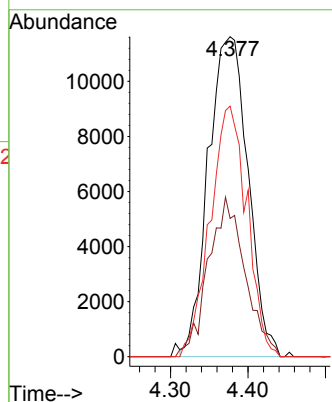
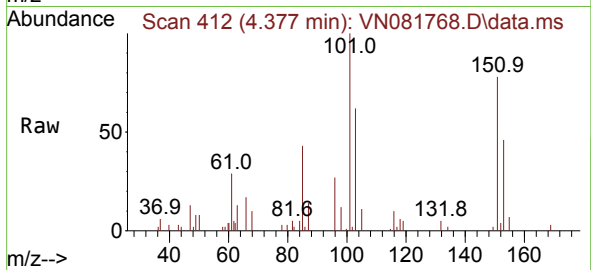




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 35.558 ug/l
 RT: 4.377 min Scan# 410
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

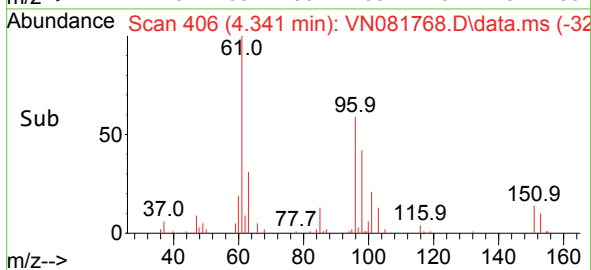
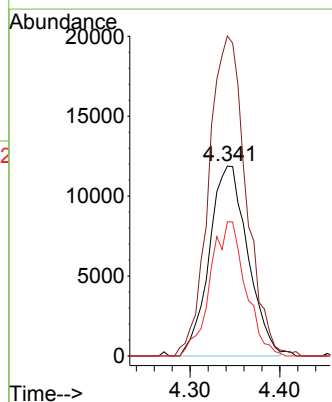
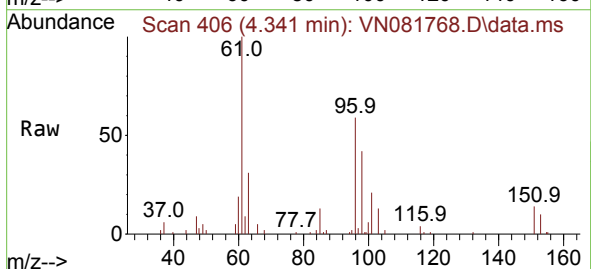
Instrument :
 MSVOA_N
 ClientSampleId :

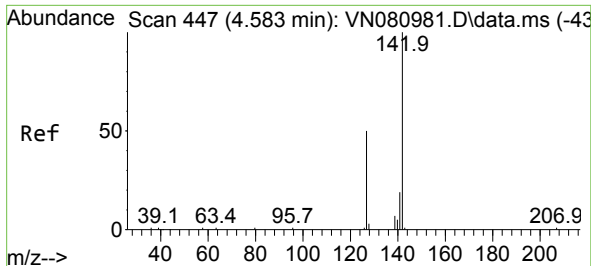
Tgt Ion:101 Resp: 41340
 Ion Ratio Lower Upper
 101 100
 85 46.1 0.0 90.6
 151 72.7 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 33.111 ug/l
 RT: 4.341 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

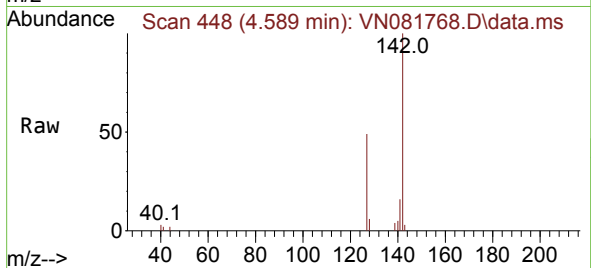
Tgt Ion: 96 Resp: 35304
 Ion Ratio Lower Upper
 96 100
 61 165.3 117.6 176.4
 98 70.6 48.4 72.6



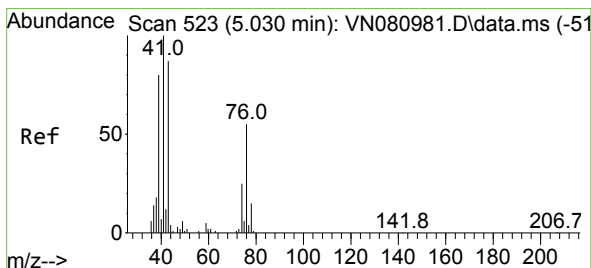
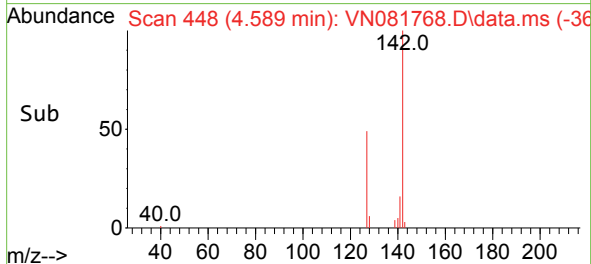
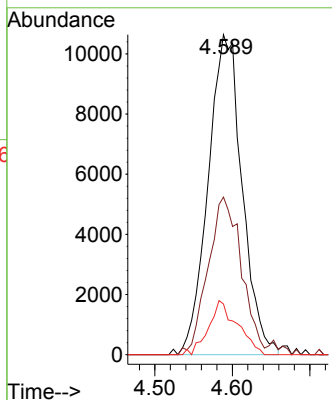


#11
Methyl Iodide
Concen: 26.833 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

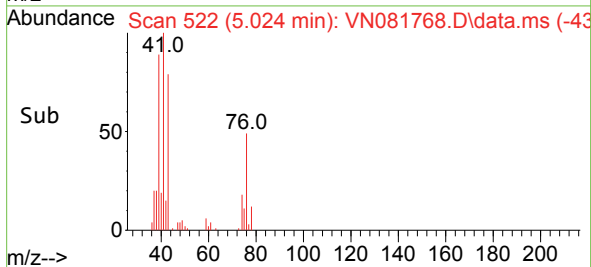
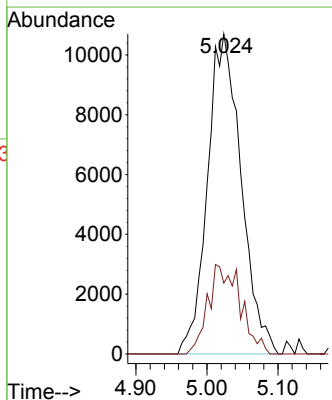
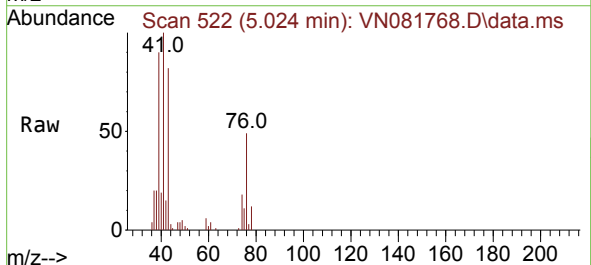


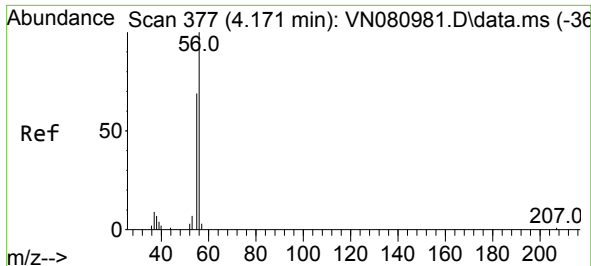
Tgt Ion:142 Resp: 32400
Ion Ratio Lower Upper
142 100
127 48.9 26.3 78.9
141 16.0 8.3 24.9



#12
Methyl Acetate
Concen: 36.023 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 43 Resp: 35269
Ion Ratio Lower Upper
43 100
74 22.1 27.7 41.5#





#13

Acrolein

Concen: 188.430 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

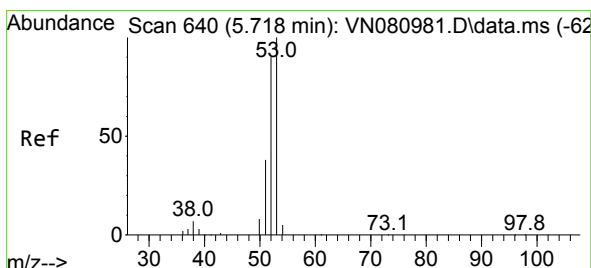
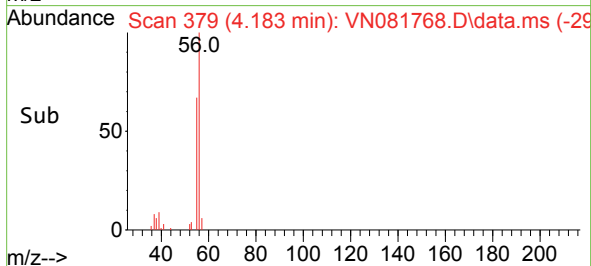
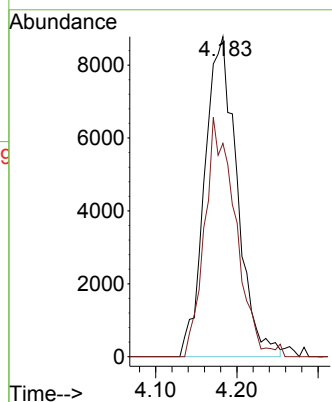
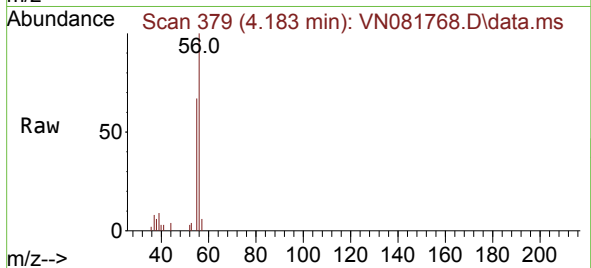
ClientSampleId :

Tgt Ion: 56 Resp: 24297

Ion Ratio Lower Upper

56 100

55 34.2 55.5 83.3#



#14

Acrylonitrile

Concen: 185.164 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

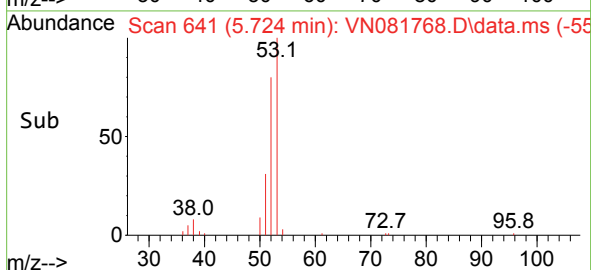
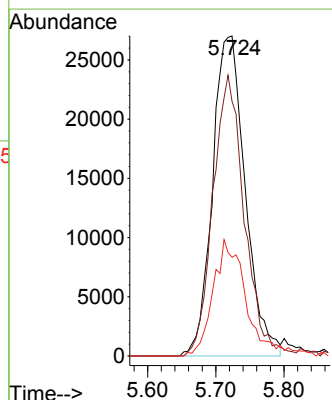
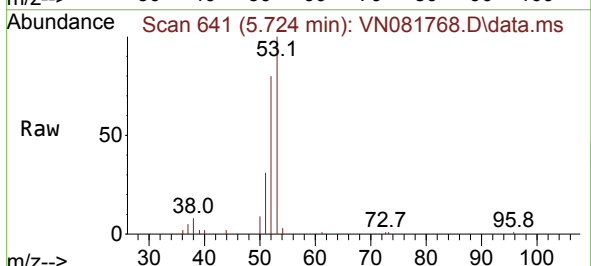
Tgt Ion: 53 Resp: 90240

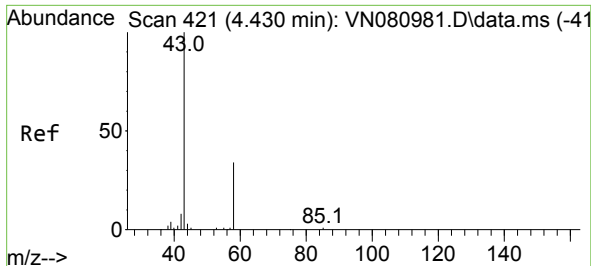
Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.9

51 21.1 16.8 50.3





#15

Acetone

Concen: 192.821 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

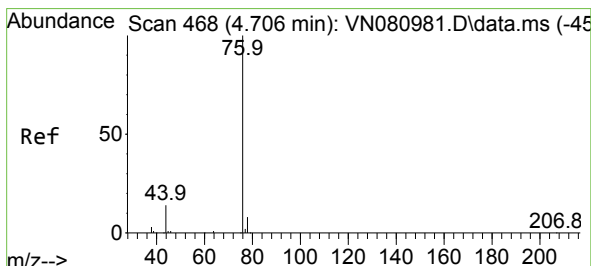
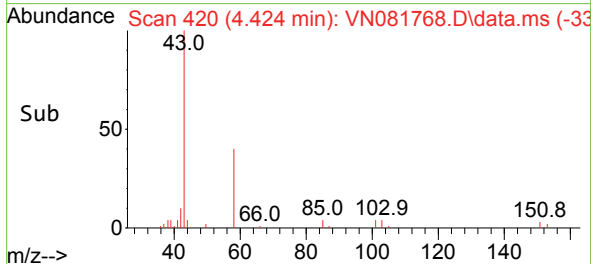
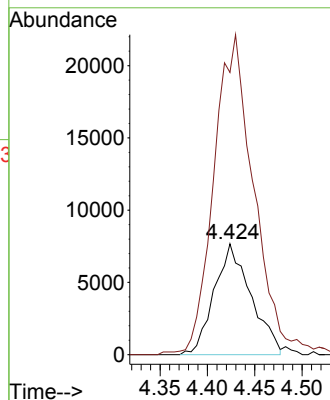
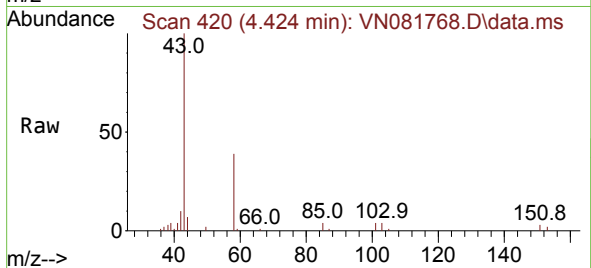
ClientSampleId :

Tgt Ion: 58 Resp: 20668

Ion Ratio Lower Upper

58 100

43 251.6 223.1 334.7



#16

Carbon Disulfide

Concen: 33.899 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN081768.D

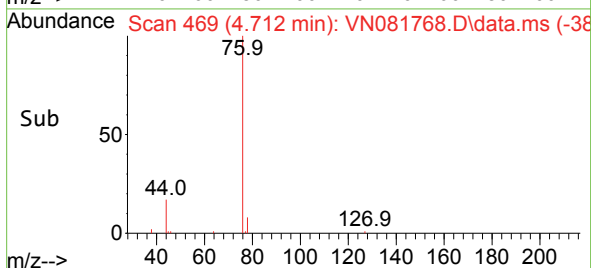
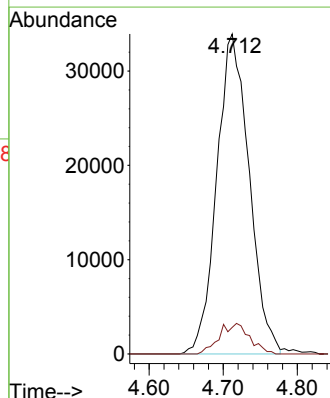
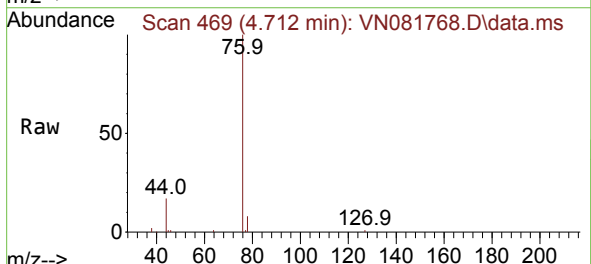
Acq: 17 Apr 2024 12:06

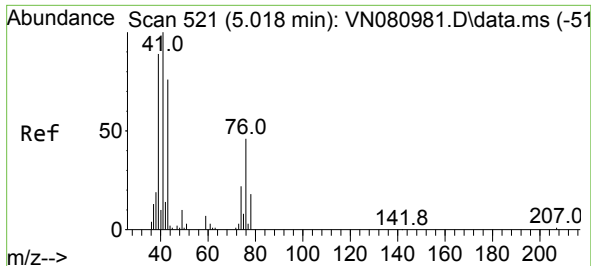
Tgt Ion: 76 Resp: 102777

Ion Ratio Lower Upper

76 100

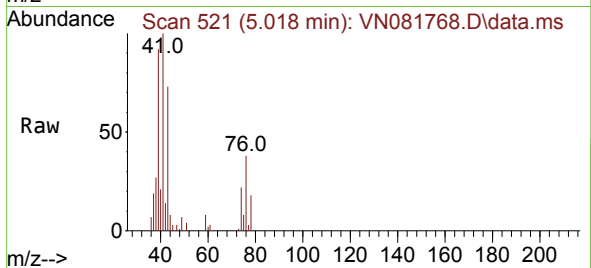
78 8.3 6.3 9.5



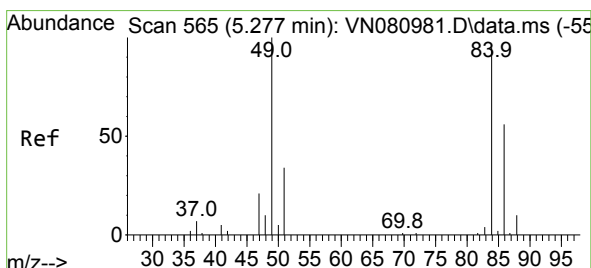
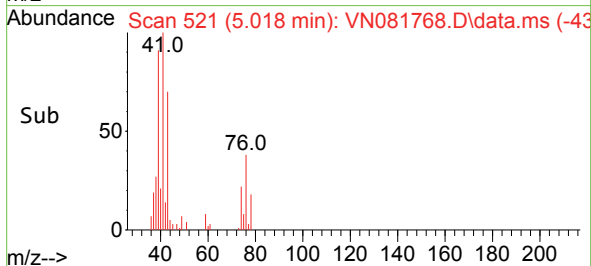
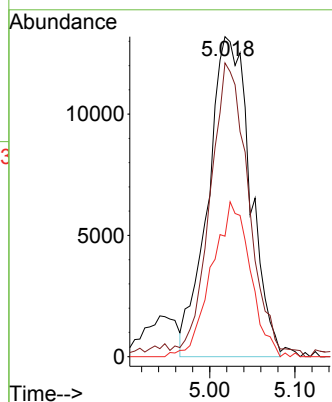


#17
 Allyl chloride
 Concen: 35.095 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

Instrument :
 MSVOA_N
 ClientSampleId :

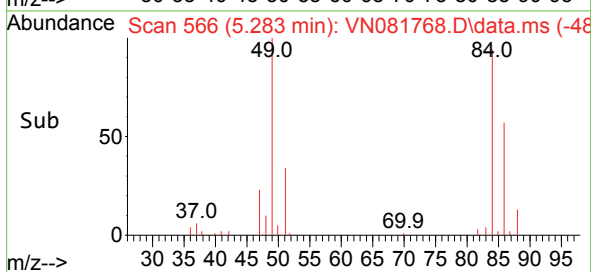
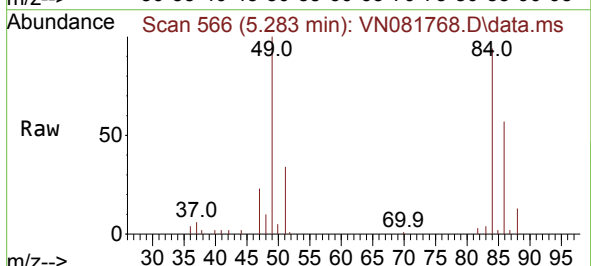
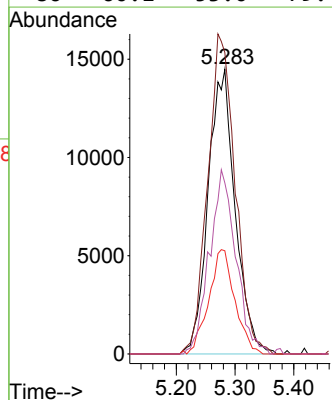


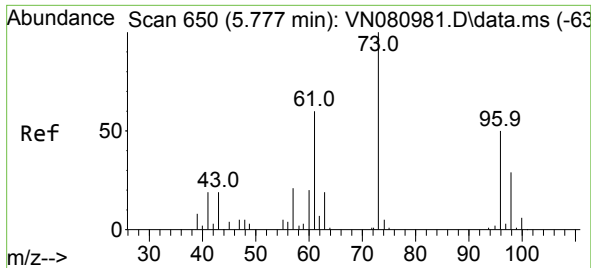
Tgt Ion:	41	Resp:	45267
Ion	Ratio	Lower	Upper
41	100		
39	90.9	37.6	112.9
76	38.2	27.8	83.4



#18
 Methylene Chloride
 Concen: 37.702 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

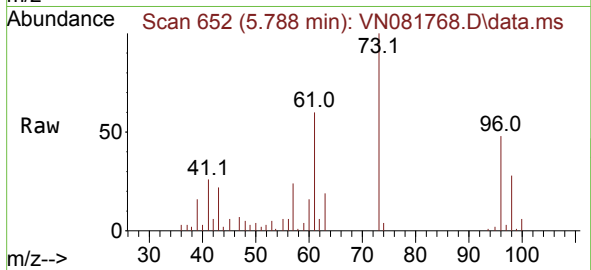
Tgt Ion:	84	Resp:	46289
Ion	Ratio	Lower	Upper
84	100		
49	105.9	86.0	129.0
51	36.3	30.0	45.0
86	60.1	53.0	79.4



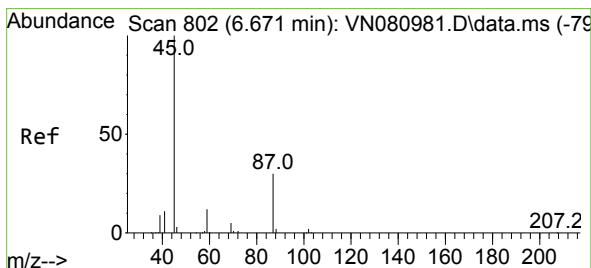
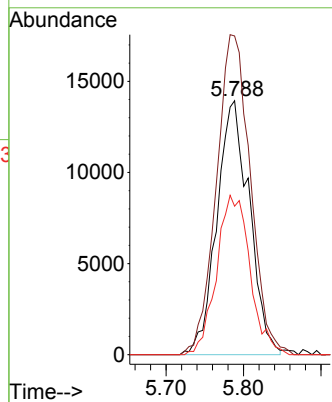
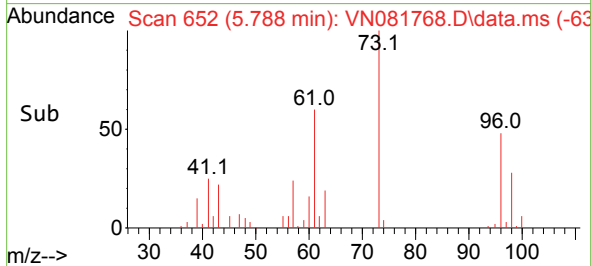


#19
trans-1,2-Dichloroethene
Concen: 34.781 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

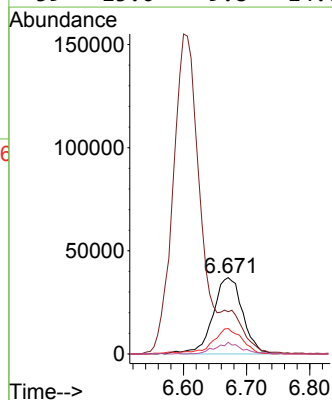
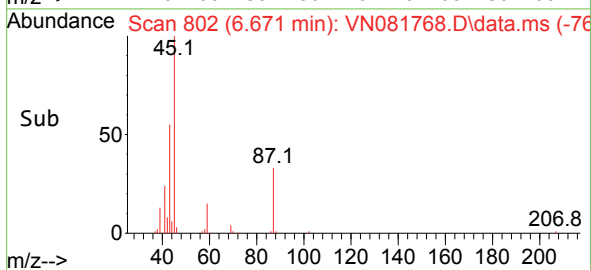
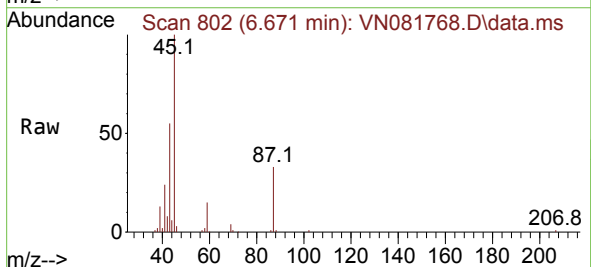


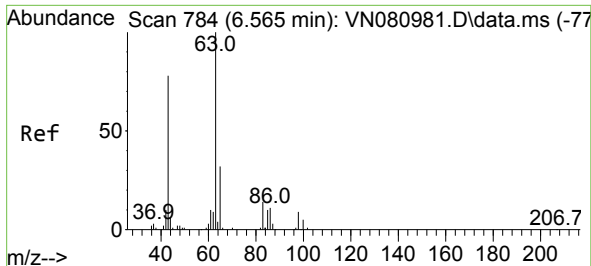
Tgt Ion: 96 Resp: 40667
Ion Ratio Lower Upper
96 100
61 125.5 111.8 167.6
98 58.5 49.2 73.8



#20
Diisopropyl ether
Concen: 38.994 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

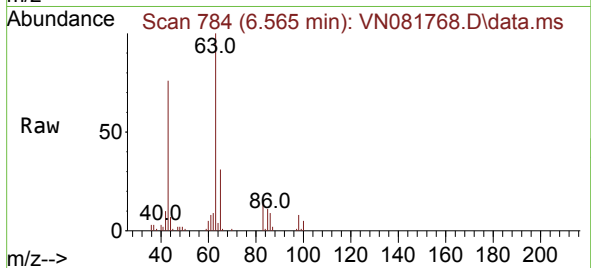
Tgt Ion: 45 Resp: 119745
Ion Ratio Lower Upper
45 100
43 52.3 40.4 60.6
87 32.9 23.8 35.8
59 15.0 9.8 14.6#



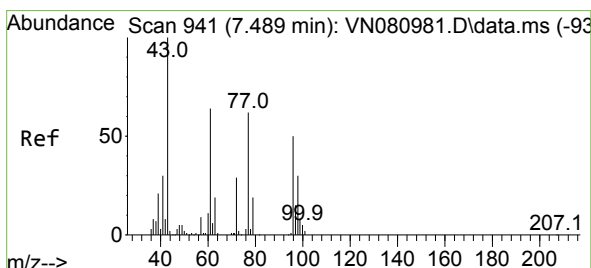
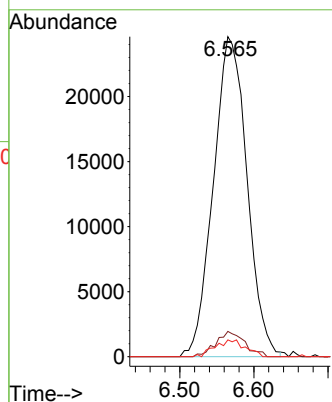
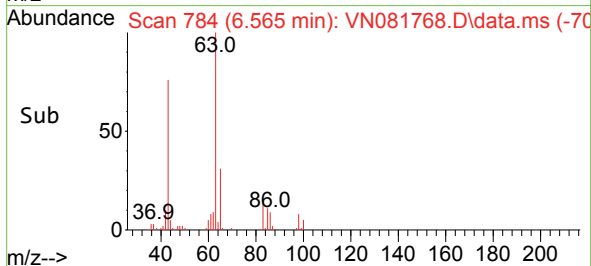


#21
1,1-Dichloroethane
Concen: 37.861 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

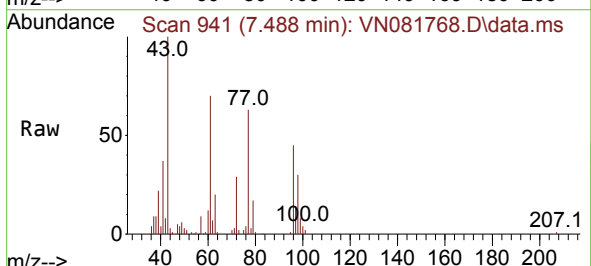
Instrument :
MSVOA_N
ClientSampleId :



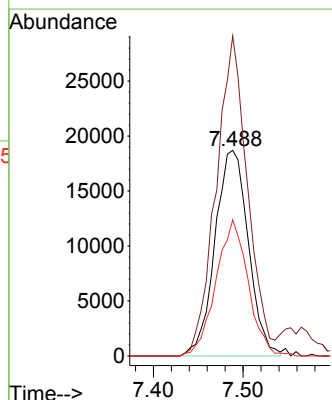
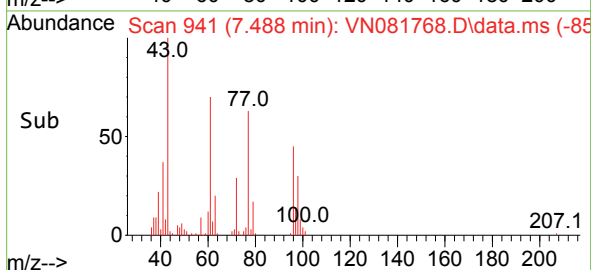
Tgt Ion: 63 Resp: 77517
Ion Ratio Lower Upper
63 100
98 7.9 4.1 12.3
100 5.2 3.0 9.0

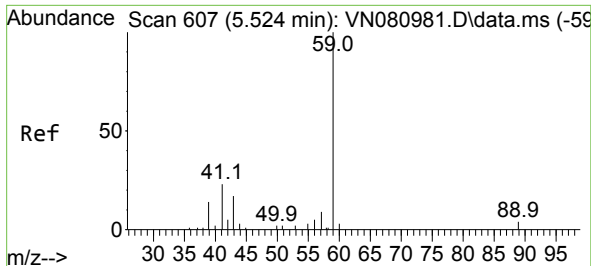


#22
cis-1,2-Dichloroethene
Concen: 34.196 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



Tgt Ion: 96 Resp: 48283
Ion Ratio Lower Upper
96 100
61 146.8 113.5 170.3
98 63.4 52.0 78.0

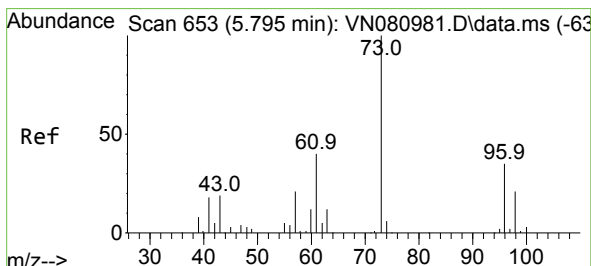
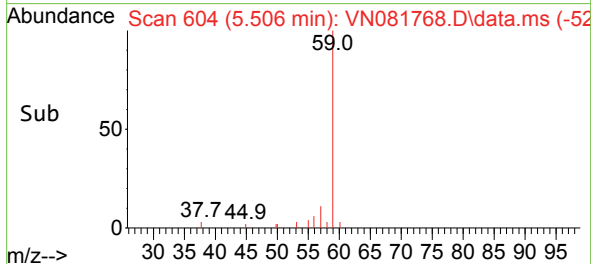
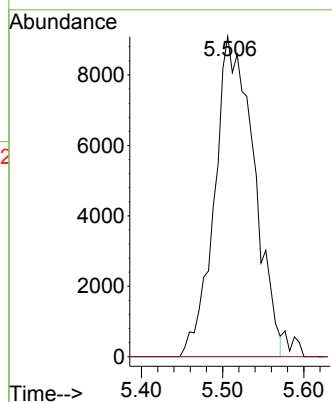
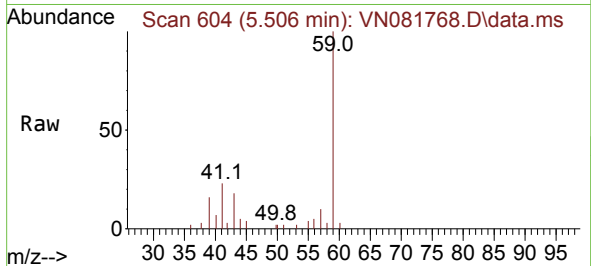




#23
tert-Butyl Alcohol
Concen: 177.122 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

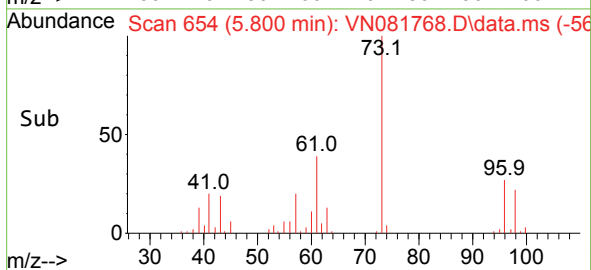
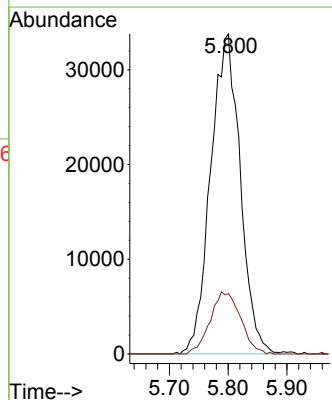
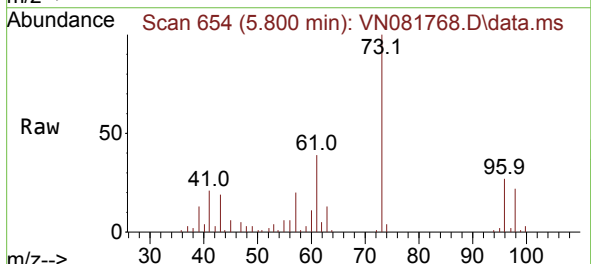
Instrument :
MSVOA_N
ClientSampleId :

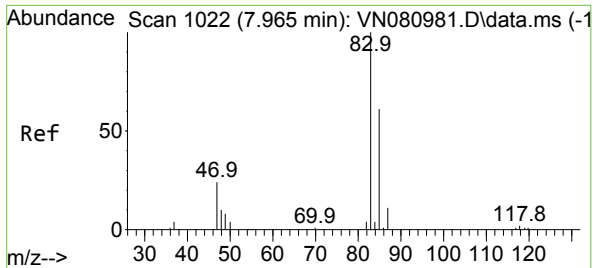
Tgt Ion: 59 Resp: 30643
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 35.381 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 73 Resp: 117986
Ion Ratio Lower Upper
73 100
43 19.9 13.4 20.2

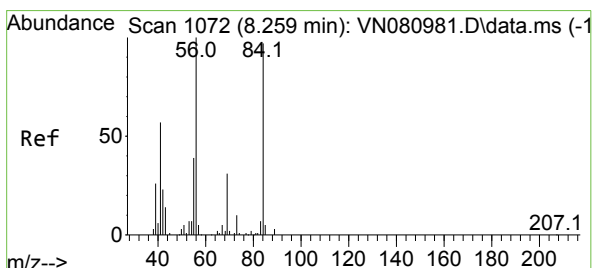
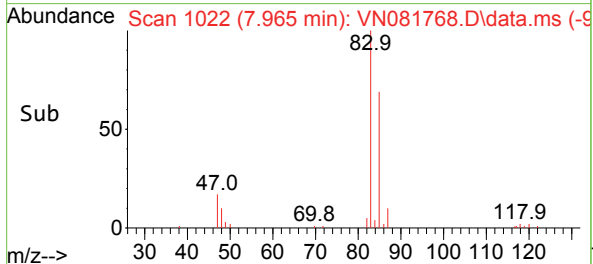
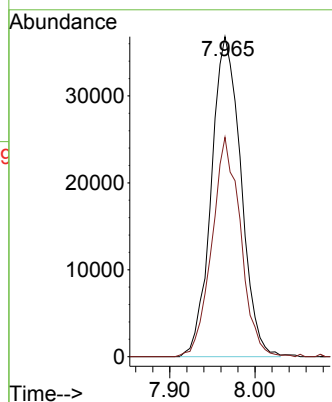
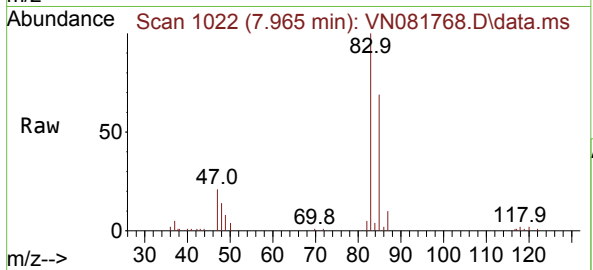




#25
Chloroform
Concen: 38.147 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

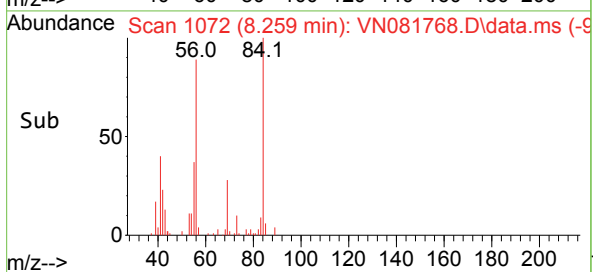
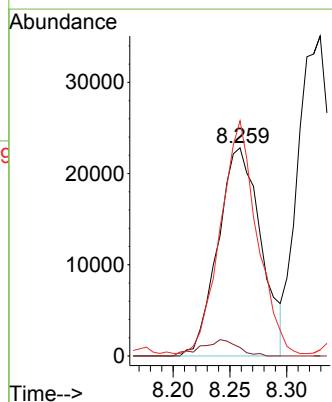
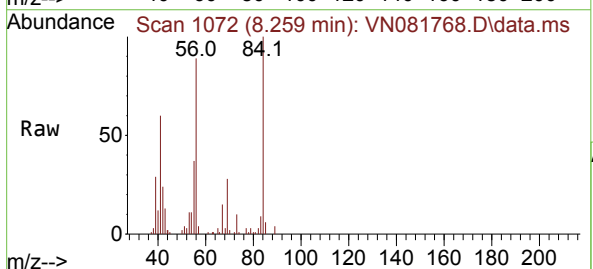
Instrument :
MSVOA_N
ClientSampleId :

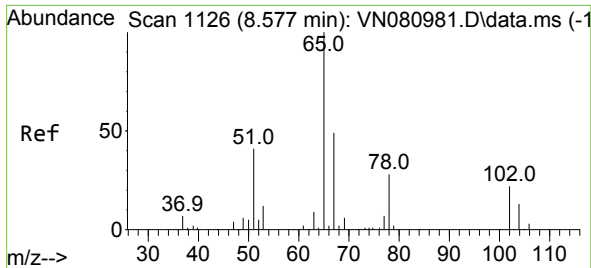
Tgt Ion: 83 Resp: 88864
Ion Ratio Lower Upper
83 100
85 68.1 50.9 76.3



#26
Cyclohexane
Concen: 36.476 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 56 Resp: 59869
Ion Ratio Lower Upper
56 100
89 3.8 19.3 28.9#
84 95.1 71.3 106.9

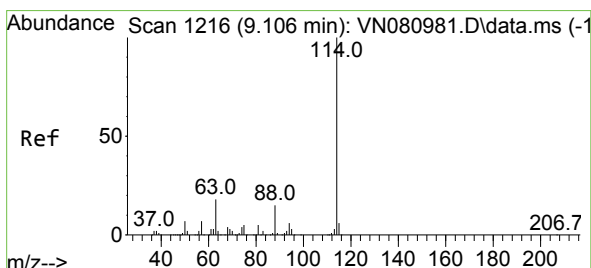
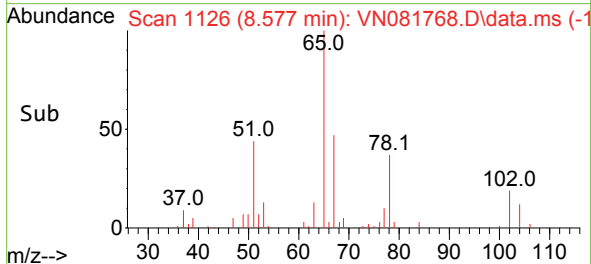
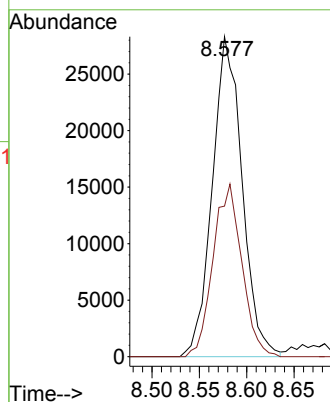
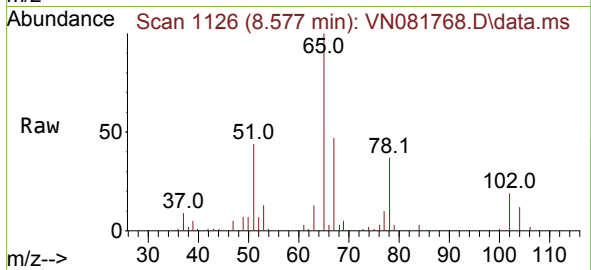




#27
1,2-Dichloroethane-d4
Concen: 60.996 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

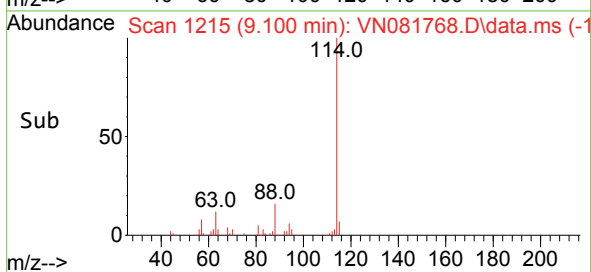
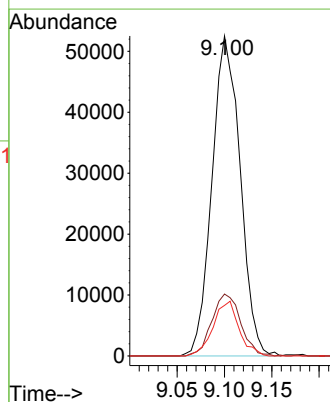
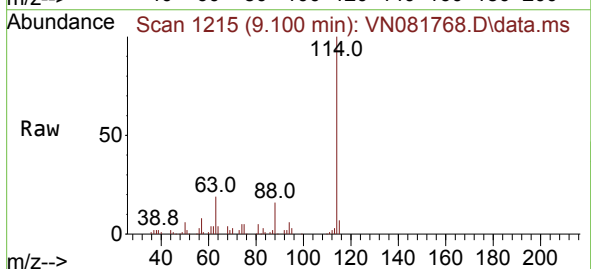
Instrument :
MSVOA_N
ClientSampleId :

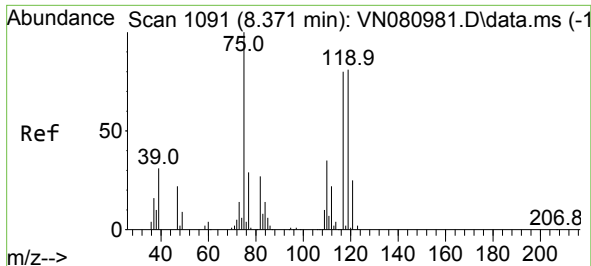
Tgt Ion: 65 Resp: 62045
Ion Ratio Lower Upper
65 100
67 52.1 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 114 Resp: 108733
Ion Ratio Lower Upper
114 100
63 19.8 15.9 23.9
88 15.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.525 ug/l

RT: 8.377 min Scan# 1

Delta R.T. -0.000 min

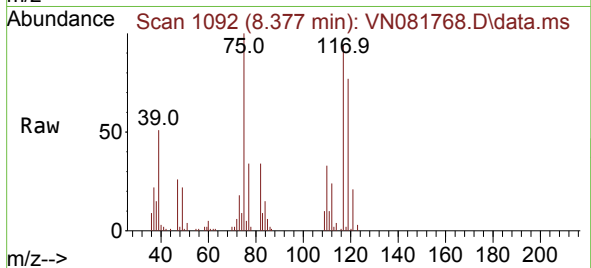
Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :



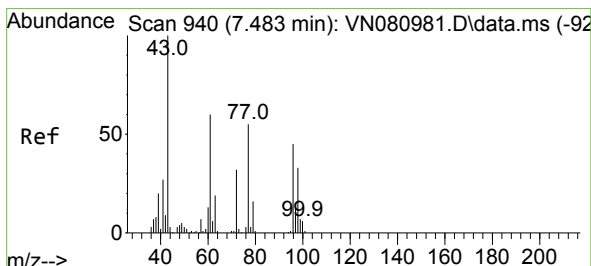
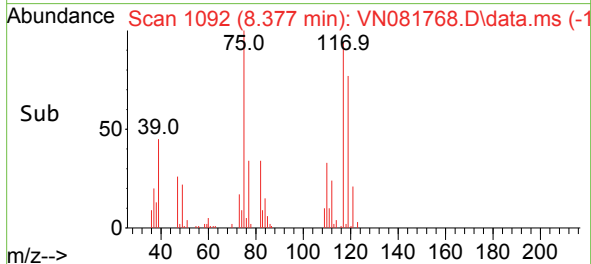
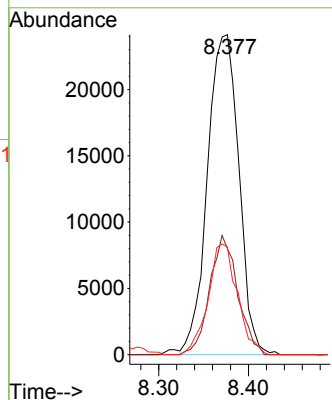
Tgt Ion: 75 Resp: 58673

Ion Ratio Lower Upper

75 100

110 33.2 0.0 70.2

77 32.4 0.0 61.4



#30

2-Butanone

Concen: 101.118 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

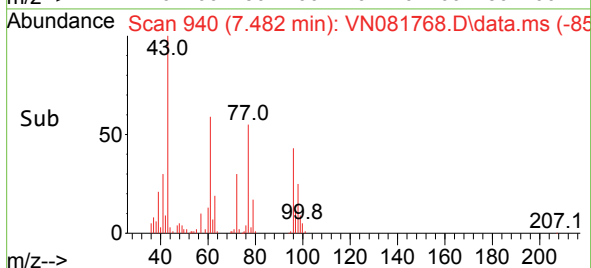
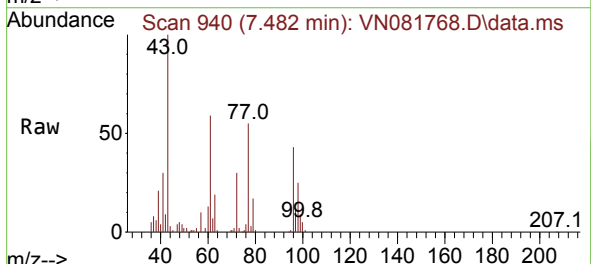
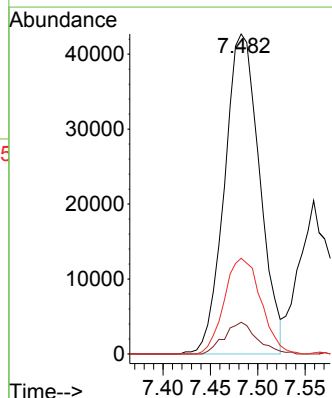
Tgt Ion: 43 Resp: 110393

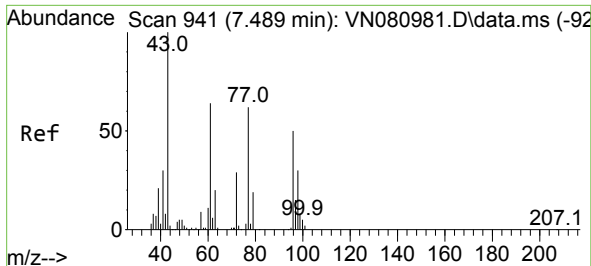
Ion Ratio Lower Upper

43 100

57 9.3 6.7 10.1

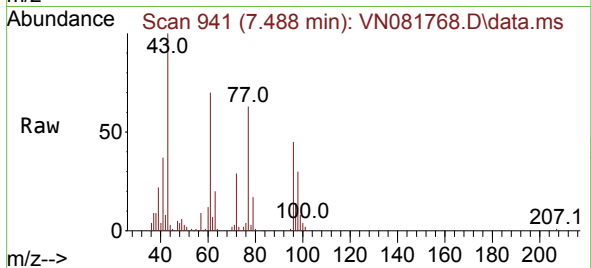
72 31.0 24.0 36.0



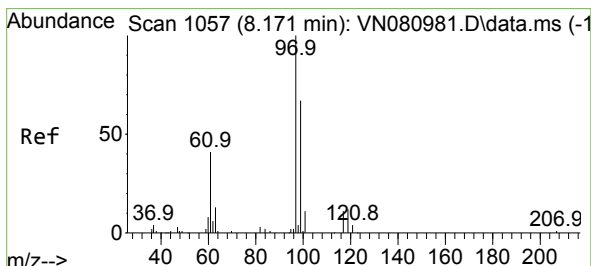
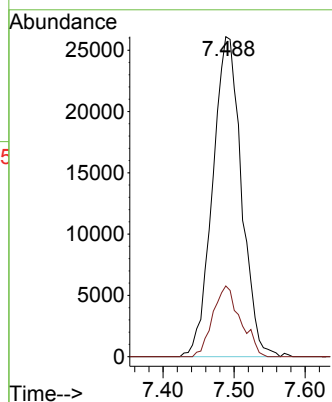
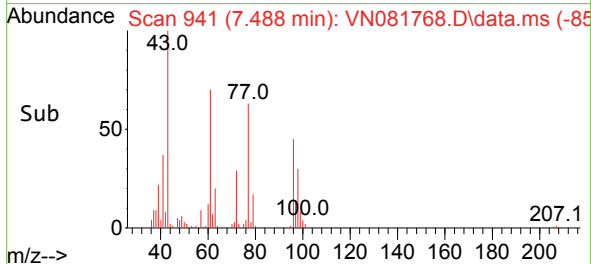


#31
2,2-Dichloropropane
Concen: 20.682 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

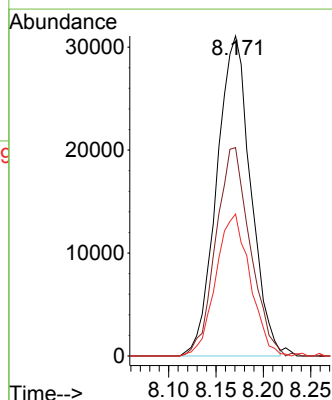
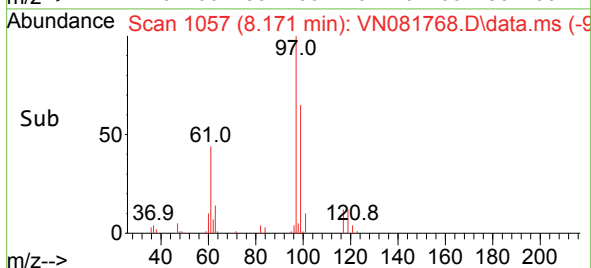
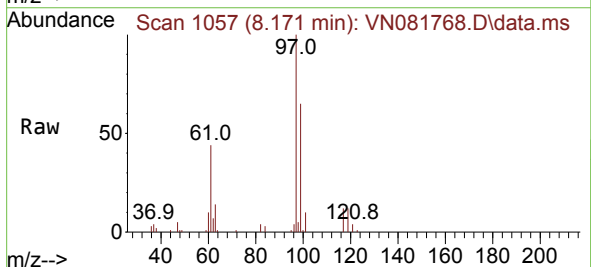


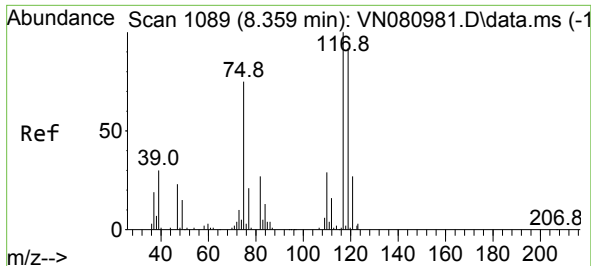
Tgt Ion: 77 Resp: 73642
Ion Ratio Lower Upper
77 100
97 19.4 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.614 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

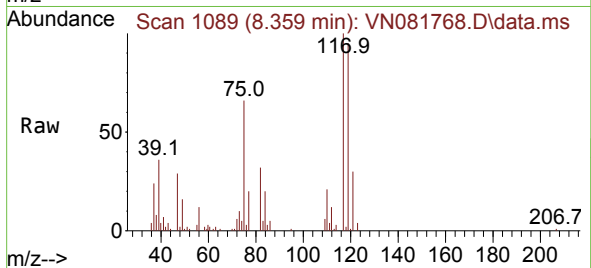
Tgt Ion: 97 Resp: 77276
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.4
61 44.8 33.8 50.8



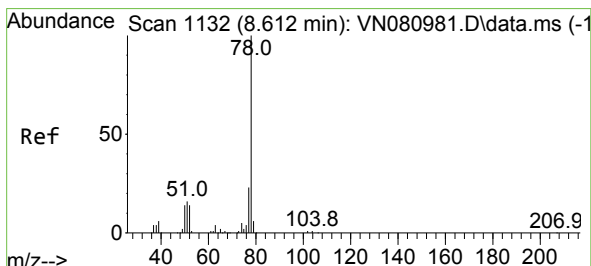
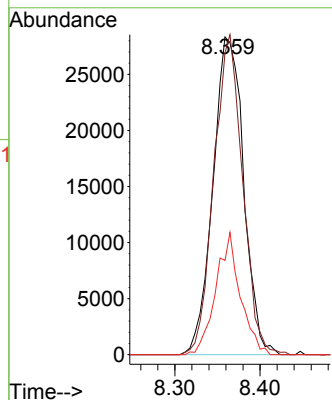
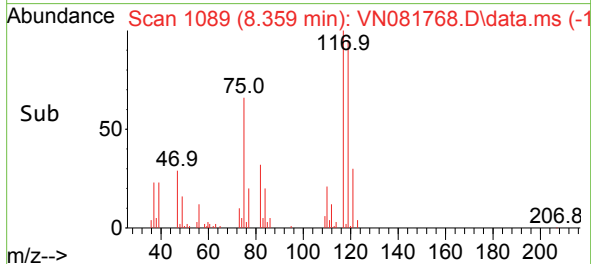


#33
Carbon Tetrachloride
Concen: 19.828 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

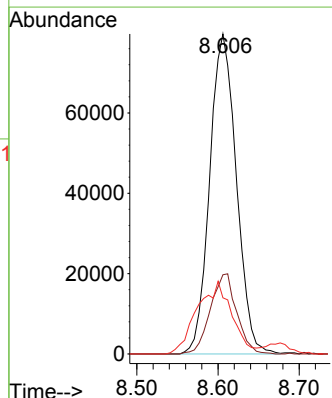
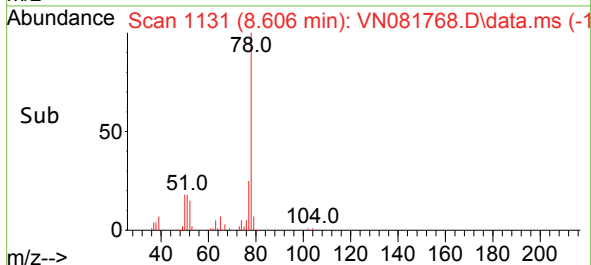
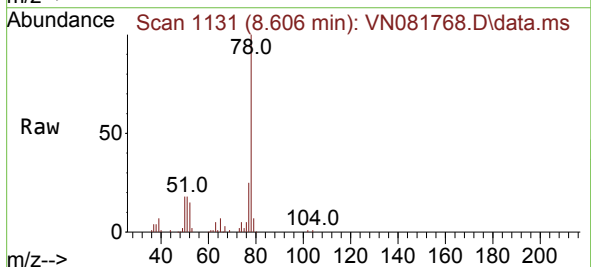


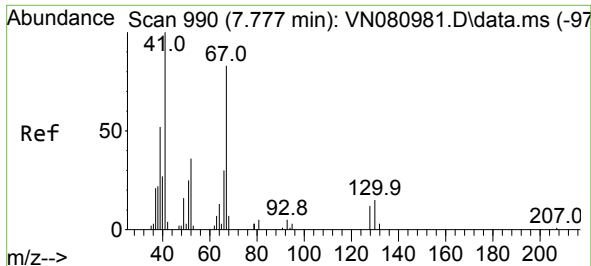
Tgt Ion:117 Resp: 70810
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5
121 29.6 27.0 40.6



#34
Benzene
Concen: 19.742 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 78 Resp: 181796
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8
51 14.6 13.3 19.9





#35

Methacrylonitrile

Concen: 19.657 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.012 min

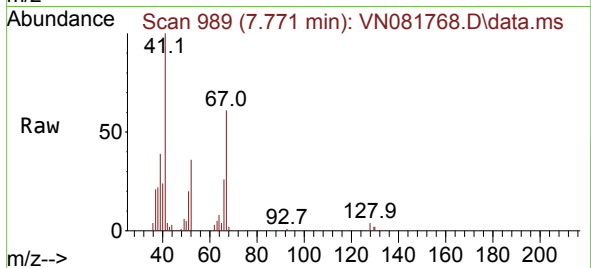
Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41 Resp: 24308

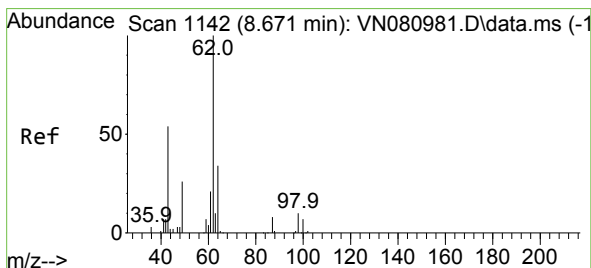
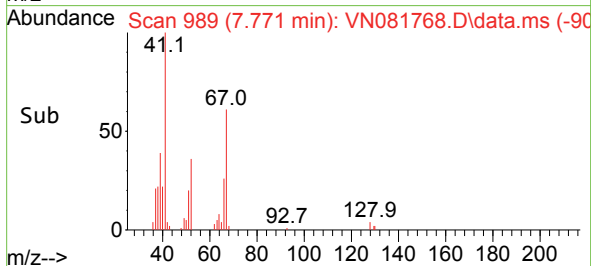
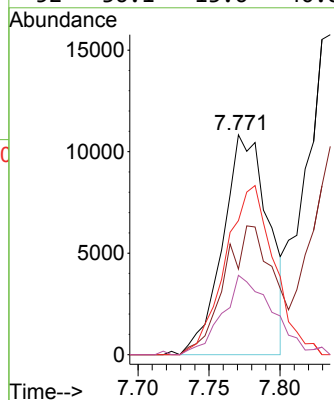
Ion Ratio Lower Upper

41 100

39 38.9 25.3 75.9

67 61.0 38.7 116.1

52 36.1 13.6 40.8



#36

1,2-Dichloroethane

Concen: 22.269 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN081768.D

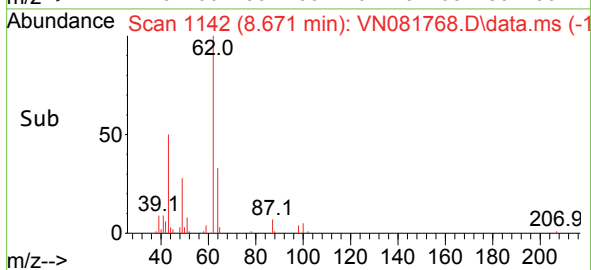
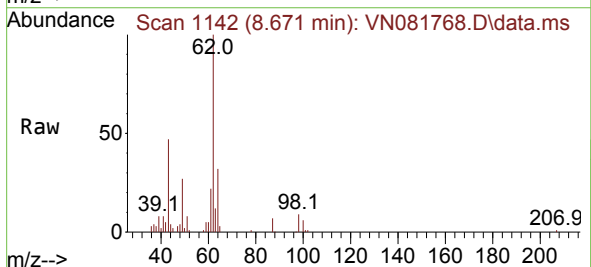
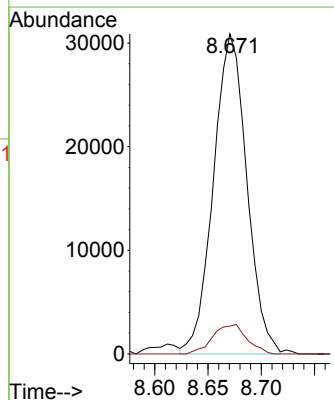
Acq: 17 Apr 2024 12:06

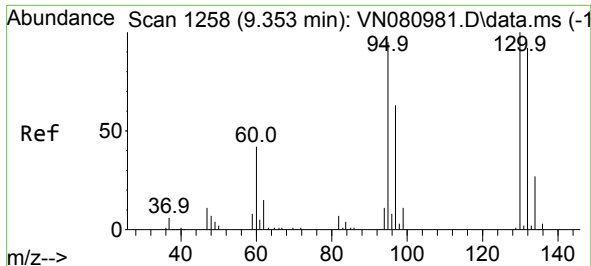
Tgt Ion: 62 Resp: 67261

Ion Ratio Lower Upper

62 100

98 9.4 8.2 12.4





#37

Trichloroethene

Concen: 18.784 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

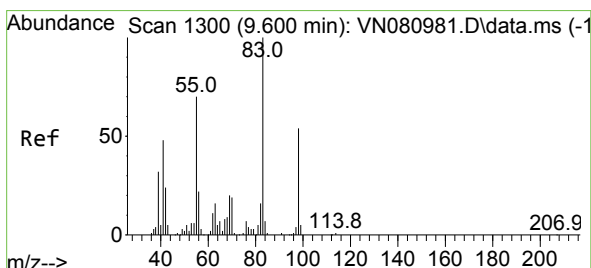
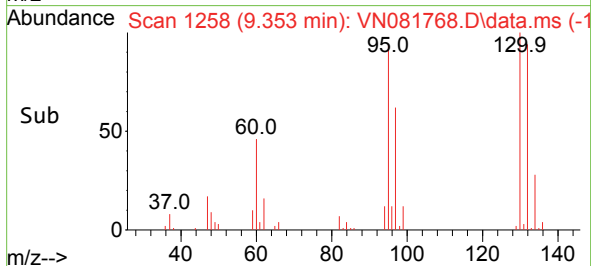
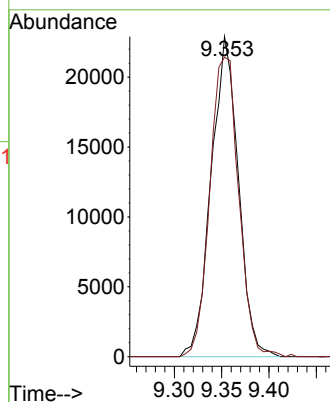
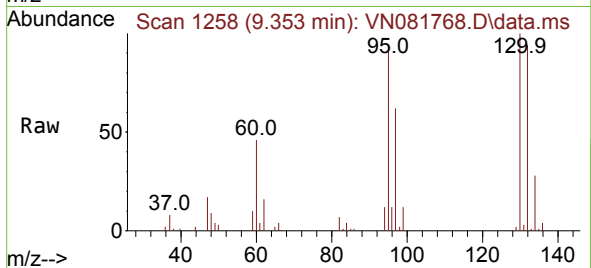
ClientSampleId :

Tgt Ion:130 Resp: 45773

Ion Ratio Lower Upper

130 100

95 93.6 80.2 120.4



#38

Methylcyclohexane

Concen: 17.719 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

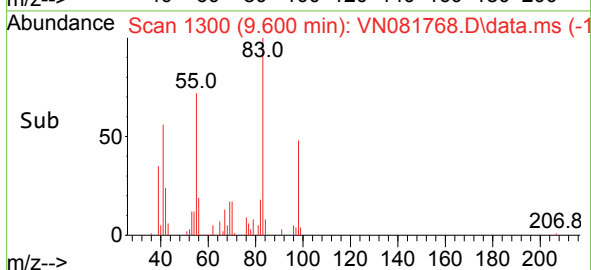
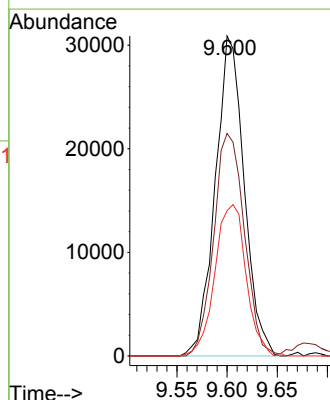
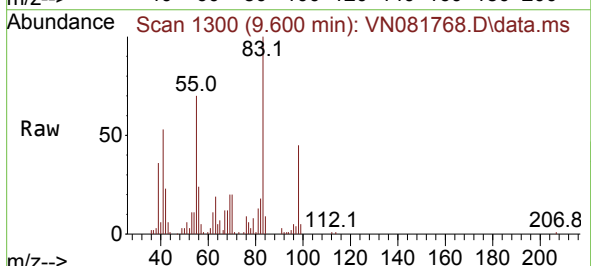
Tgt Ion: 83 Resp: 61909

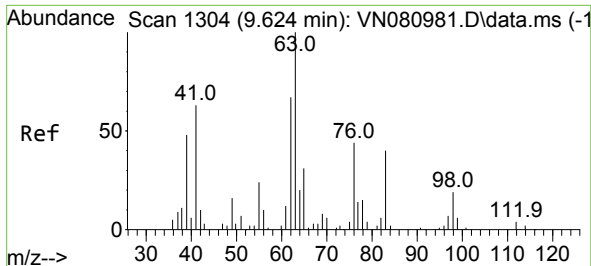
Ion Ratio Lower Upper

83 100

55 73.9 36.6 109.9

98 51.0 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.584 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

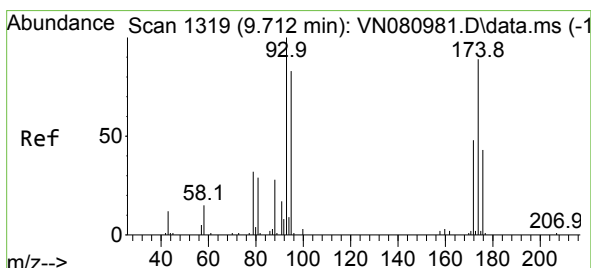
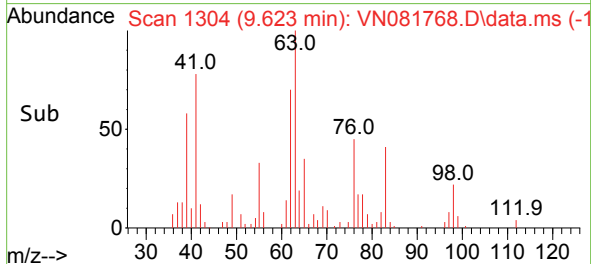
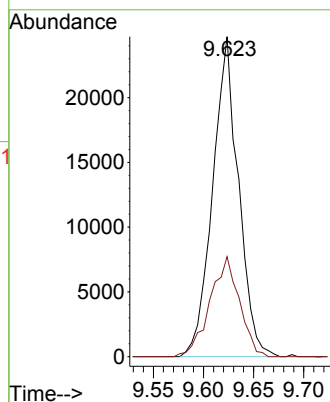
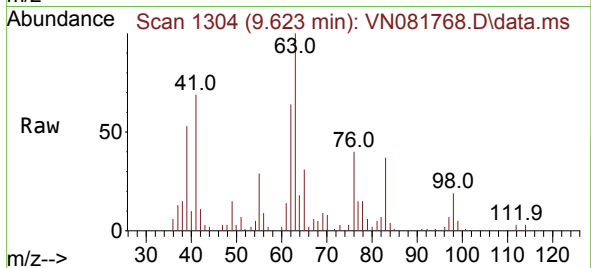
ClientSampleId :

Tgt Ion: 63 Resp: 44222

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



#40

Dibromomethane

Concen: 20.104 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

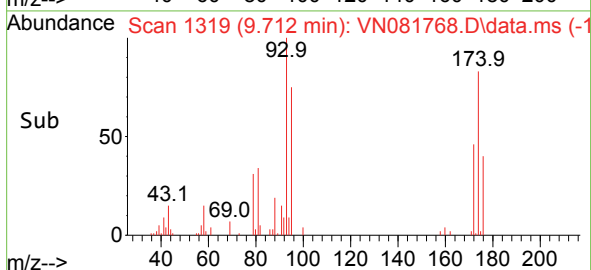
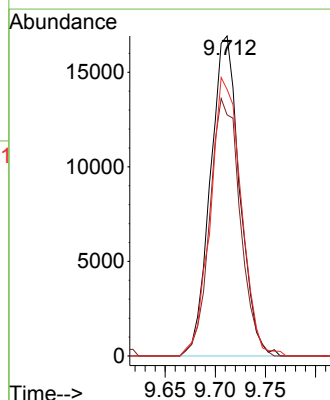
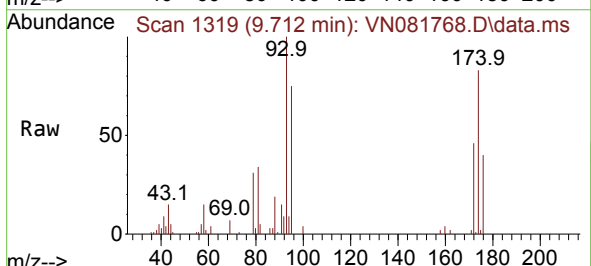
Tgt Ion: 93 Resp: 34404

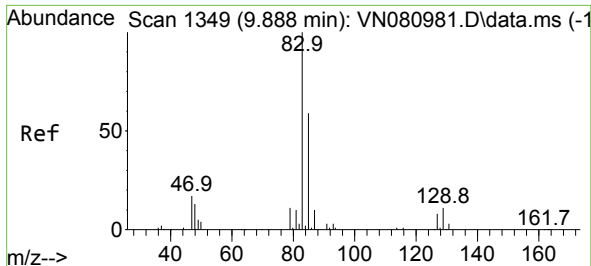
Ion Ratio Lower Upper

93 100

95 83.0 0.0 164.6

174 90.6 0.0 193.2

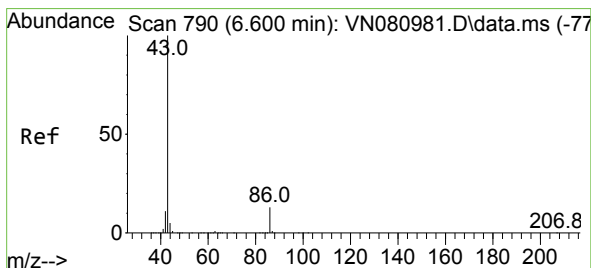
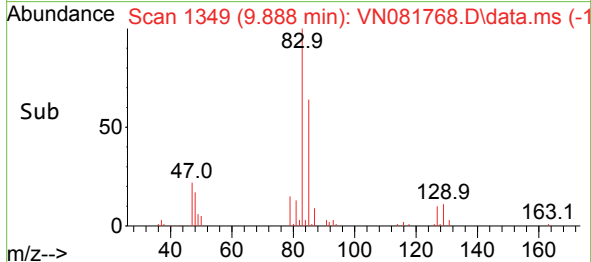
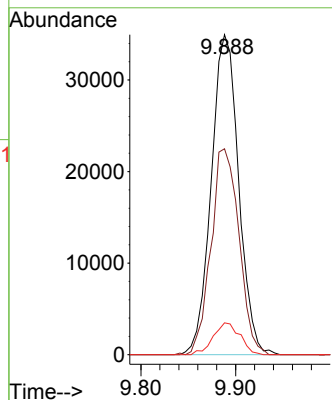
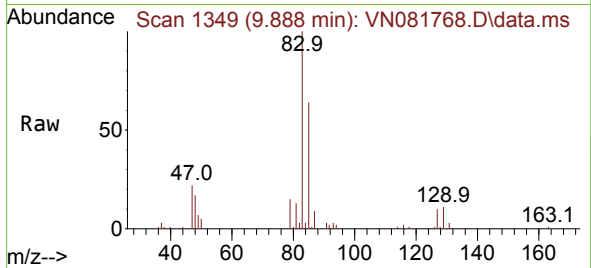




#41
Bromodichloromethane
Concen: 20.144 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

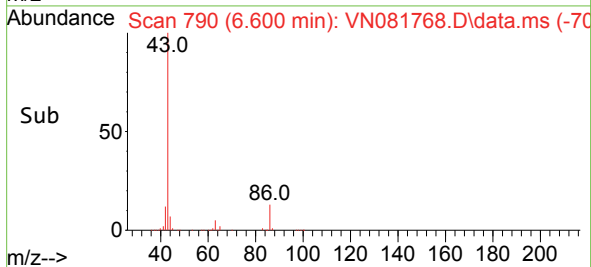
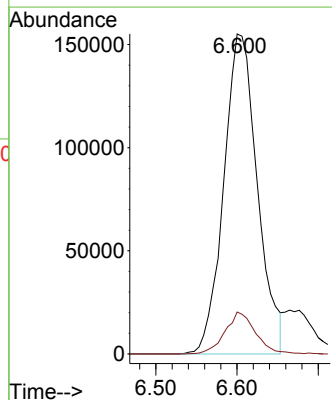
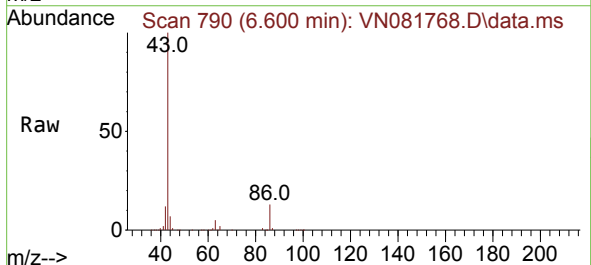
Instrument :
MSVOA_N
ClientSampleId :

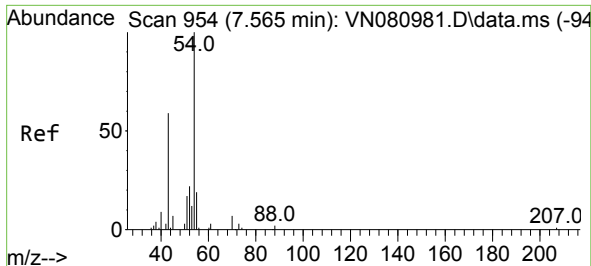
Tgt Ion: 83 Resp: 70298
Ion Ratio Lower Upper
83 100
85 64.4 49.4 74.2
127 9.9 7.3 10.9



#42
Vinyl Acetate
Concen: 98.238 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

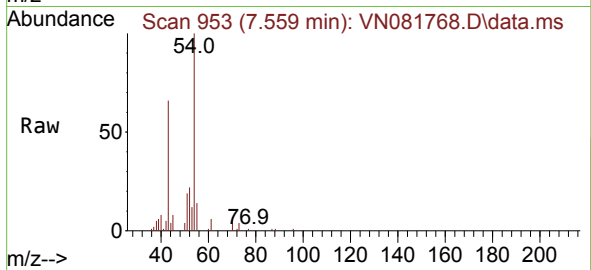
Tgt Ion: 43 Resp: 446778
Ion Ratio Lower Upper
43 100
86 11.9 9.4 14.2



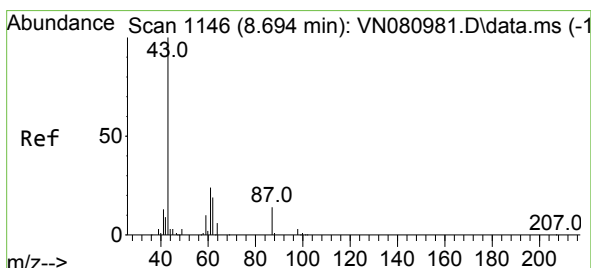
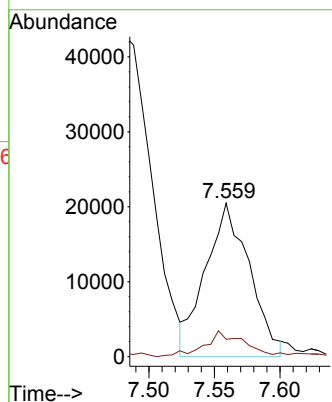
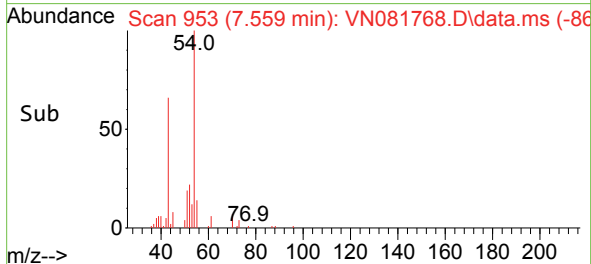


#43
Ethyl Acetate
Concen: 19.813 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

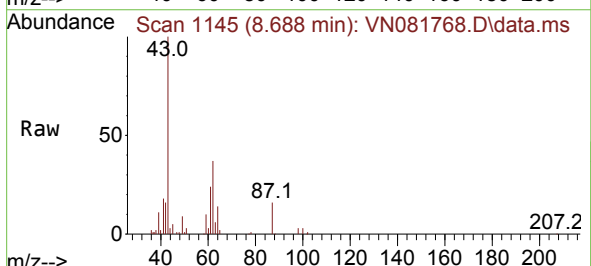
Instrument :
MSVOA_N
ClientSampleId :



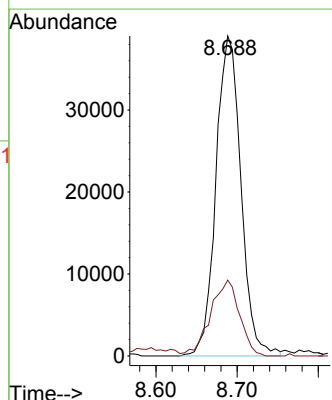
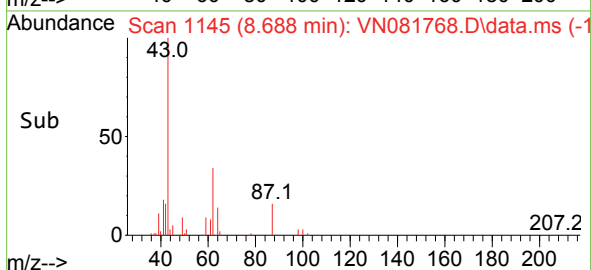
Tgt Ion: 43 Resp: 47672
Ion Ratio Lower Upper
43 100
45 5.8 10.6 15.8#

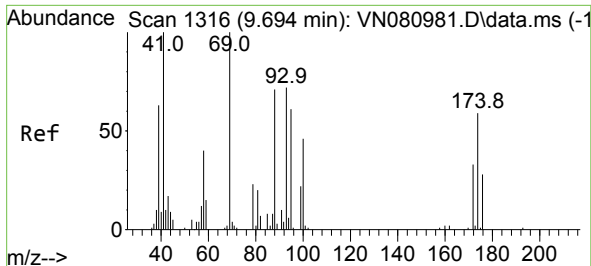


#44
Isopropyl Acetate
Concen: 20.751 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



Tgt Ion: 43 Resp: 83659
Ion Ratio Lower Upper
43 100
61 27.5 25.0 37.4

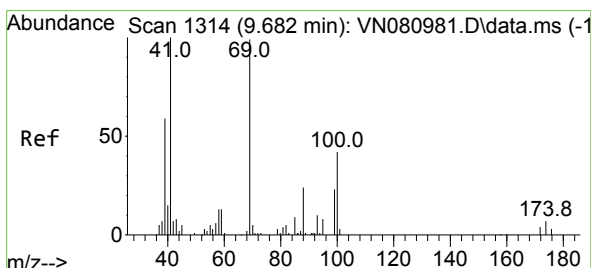
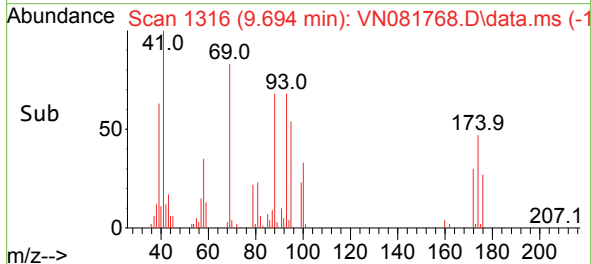
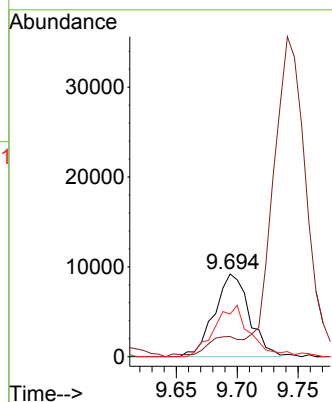
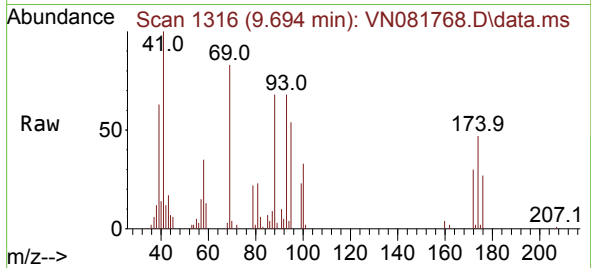




#45
1,4-Dioxane
Concen: 412.487 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

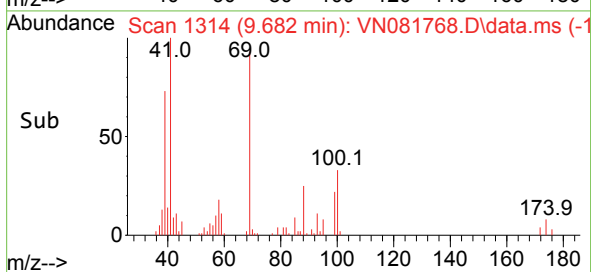
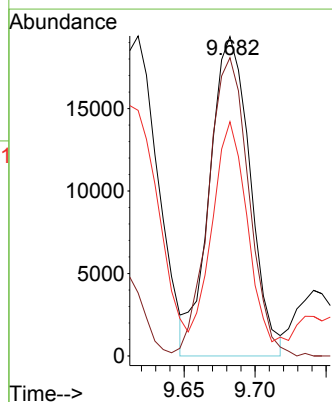
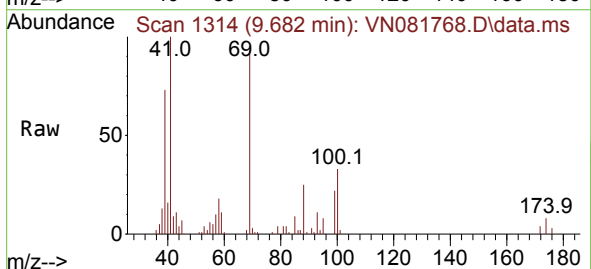
Instrument :
MSVOA_N
ClientSampleId :

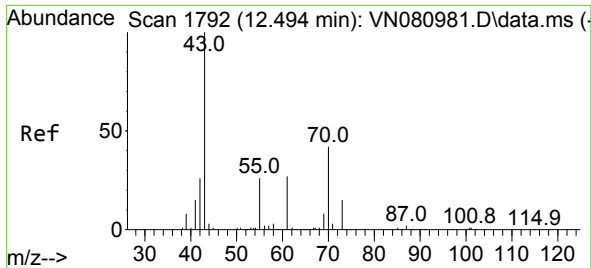
Tgt Ion: 88 Resp: 18357
Ion Ratio Lower Upper
88 100
43 20.9 19.8 29.6
58 61.3 55.4 83.0



#46
Methyl methacrylate
Concen: 21.187 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 41 Resp: 38411
Ion Ratio Lower Upper
41 100
69 97.1 51.1 153.3
39 72.0 25.8 77.3

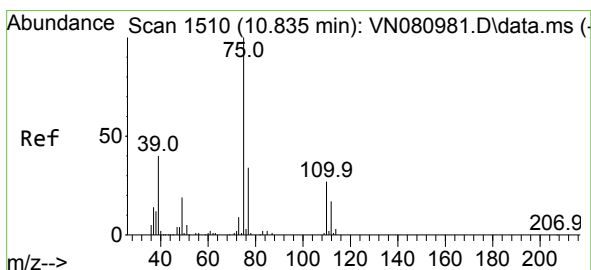
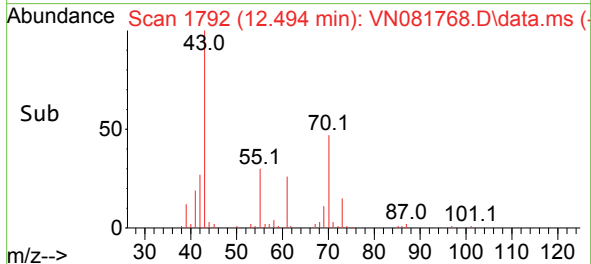
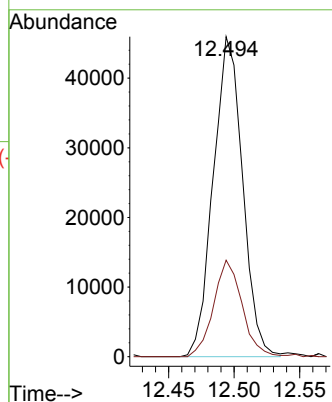
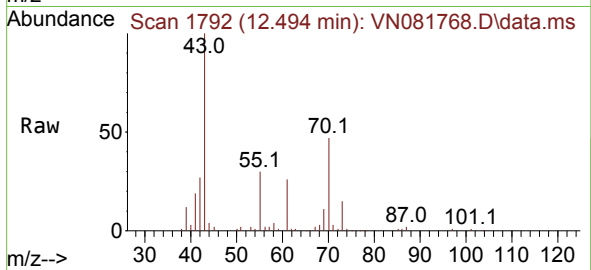




#47
n-amy1 Acetate
Concen: 19.741 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

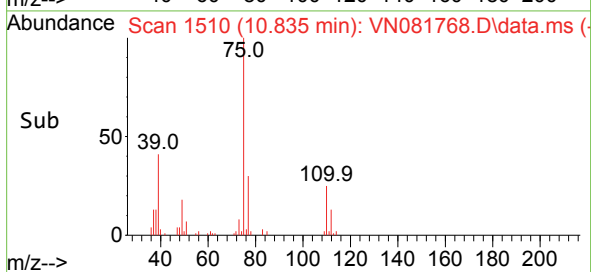
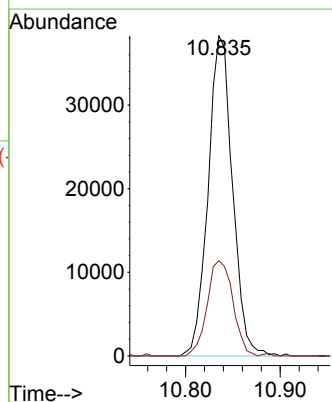
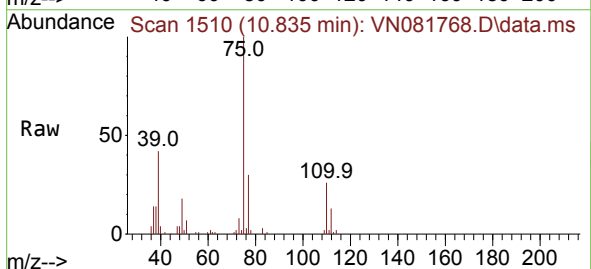
Instrument :
MSVOA_N
ClientSampleId :

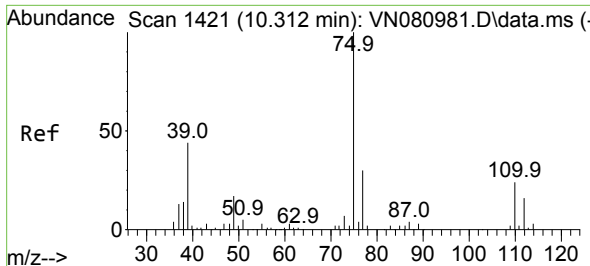
Tgt Ion: 43 Resp: 71415
Ion Ratio Lower Upper
43 100
55 29.2 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 20.547 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 75 Resp: 68312
Ion Ratio Lower Upper
75 100
77 29.8 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 19.774 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

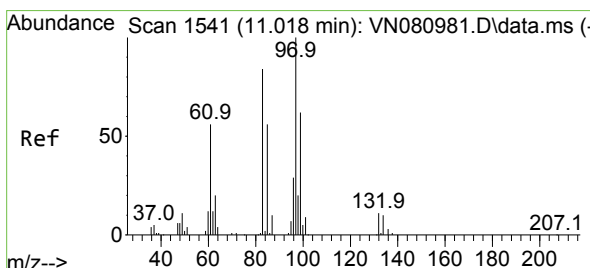
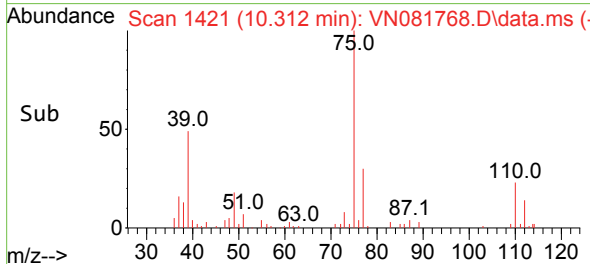
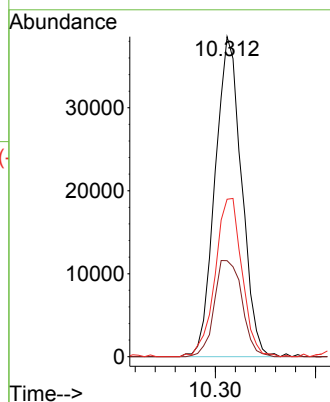
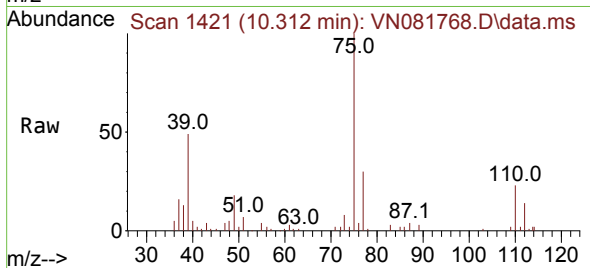
Tgt Ion: 75 Resp: 70796

Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3

39 49.2 31.0 46.6#



#50

1,1,2-Trichloroethane

Concen: 20.036 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Tgt Ion: 97 Resp: 45910

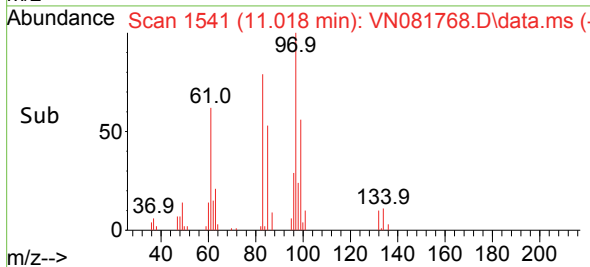
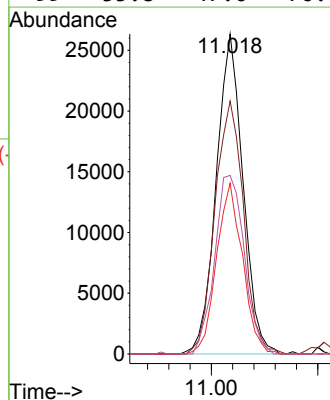
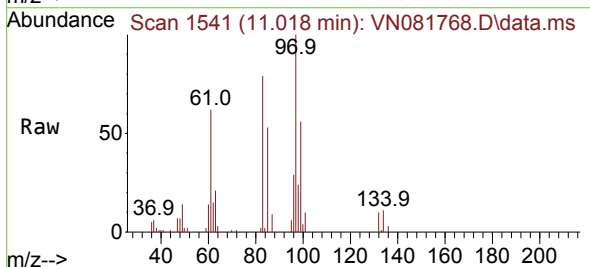
Ion Ratio Lower Upper

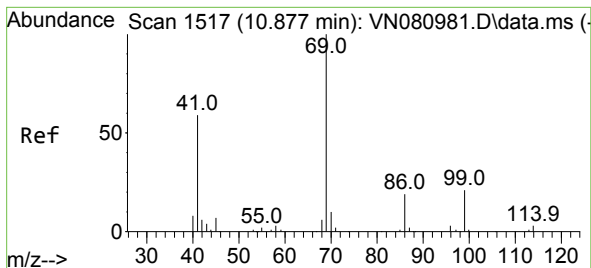
97 100

83 79.0 68.1 102.1

85 53.3 41.8 62.6

99 55.8 47.0 70.4

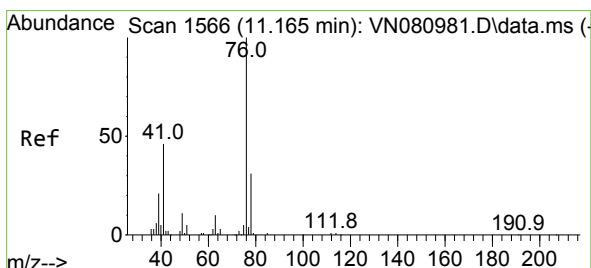
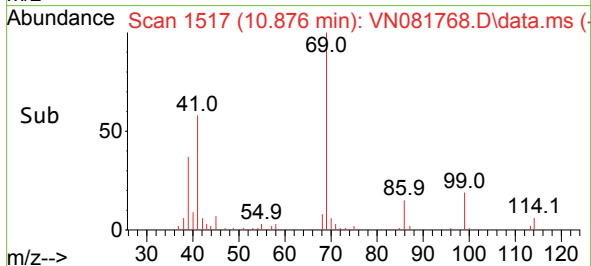
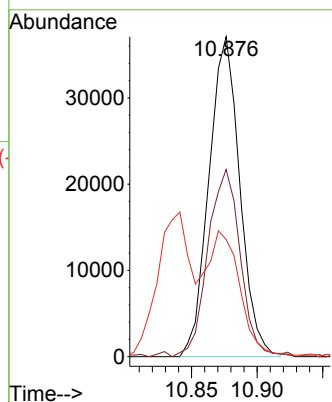
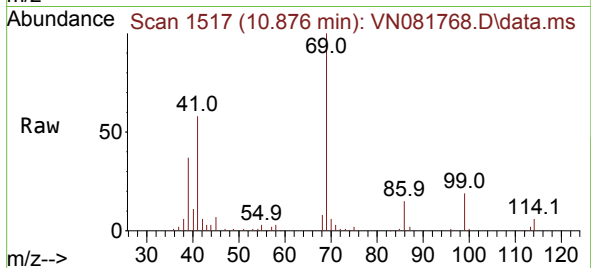




#51
Ethyl methacrylate
Concen: 19.051 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

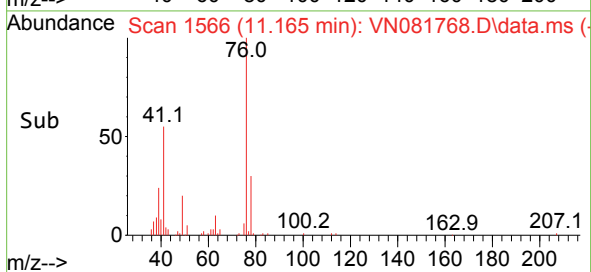
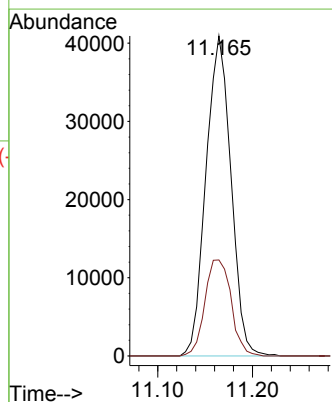
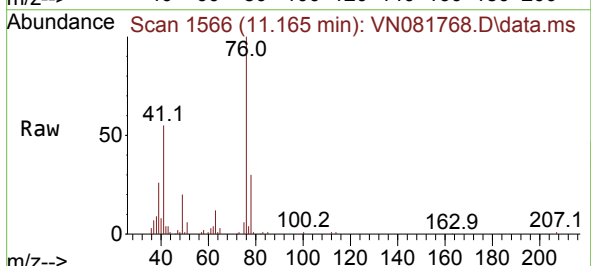
Instrument :
MSVOA_N
ClientSampleId :

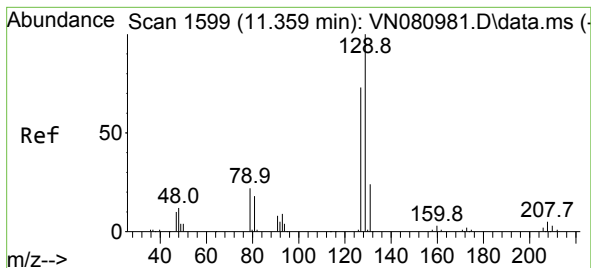
Tgt Ion:	69	Resp:	60784
Ion Ratio	Lower	Upper	
69	100		
41	57.6	25.5	76.5
39	35.6	16.0	47.9



#52
1,3-Dichloropropane
Concen: 20.017 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:	76	Resp:	75181
Ion Ratio	Lower	Upper	
76	100		
78	31.5	0.0	65.8

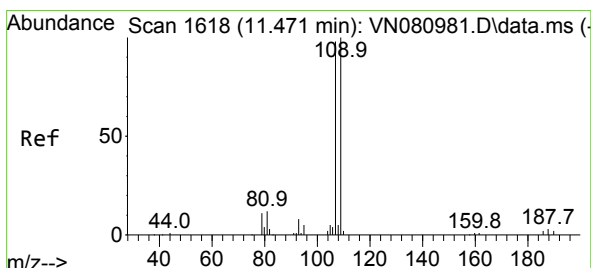
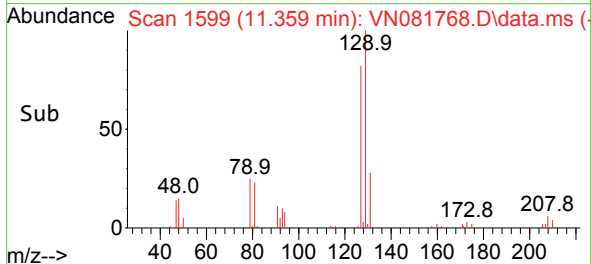
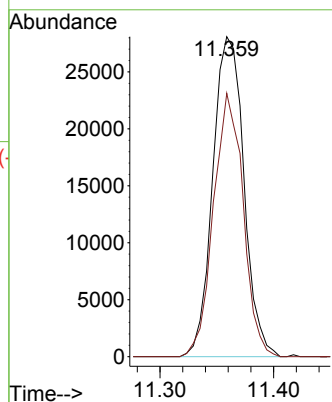
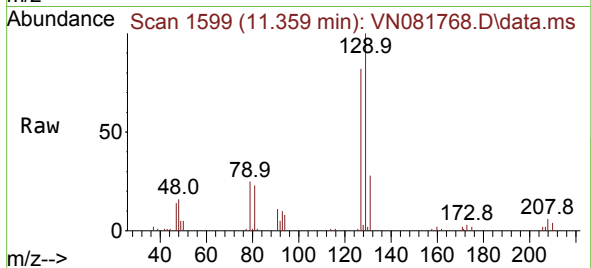




#53
Dibromochloromethane
Concen: 19.554 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

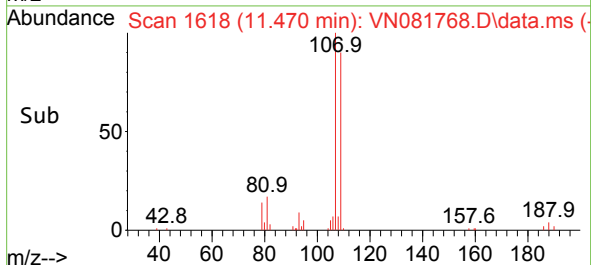
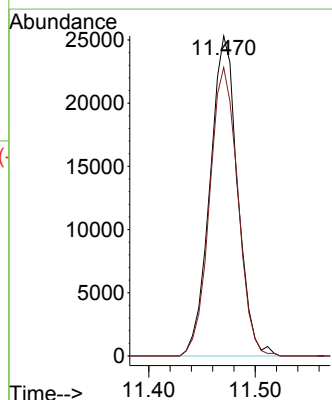
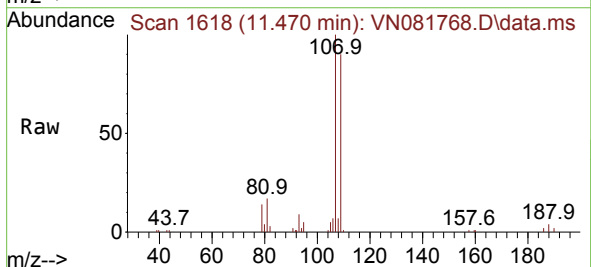
Instrument :
MSVOA_N
ClientSampleId :

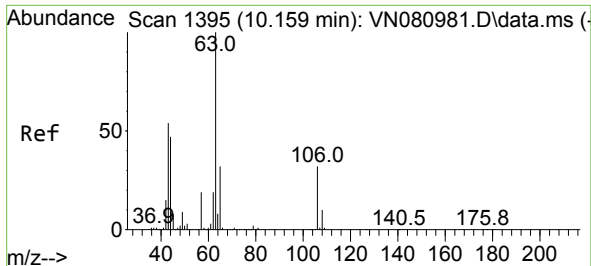
Tgt Ion:129 Resp: 53524
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.1



#54
1,2-Dibromoethane
Concen: 19.224 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:107 Resp: 45533
Ion Ratio Lower Upper
107 100
109 92.2 74.7 112.1

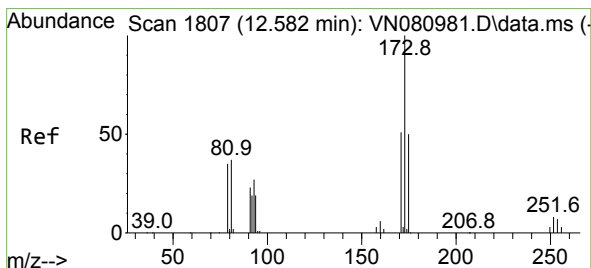
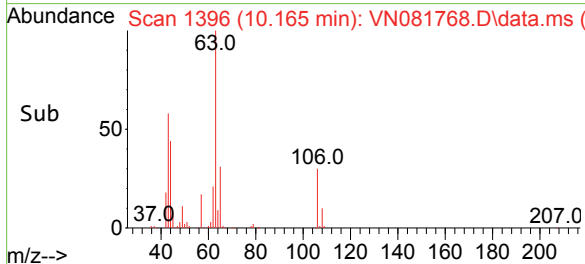
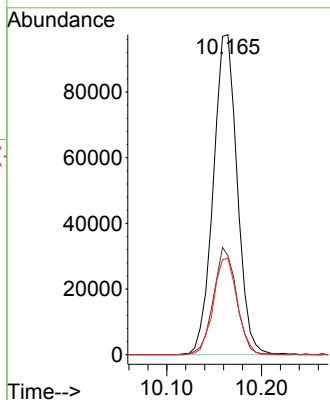
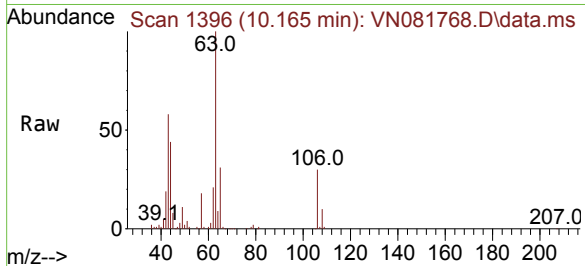




#55
2-Chloroethyl vinyl ether
Concen: 109.394 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

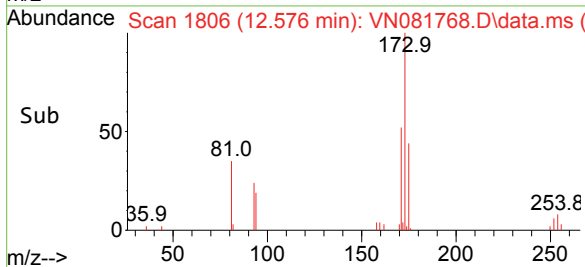
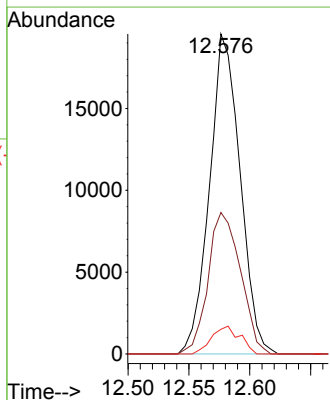
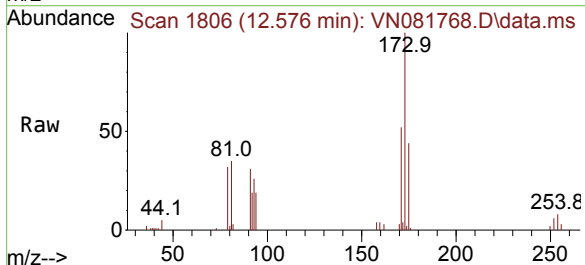
Instrument :
MSVOA_N
ClientSampleId :

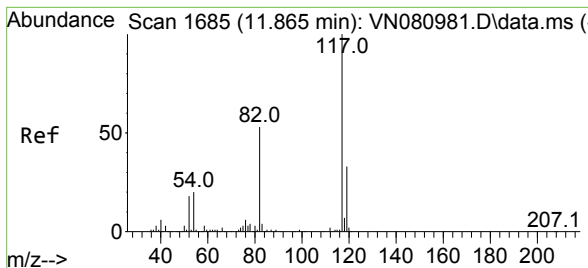
Tgt Ion: 63 Resp: 171398
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 30.1 23.8 35.8



#56
Bromoform
Concen: 19.490 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

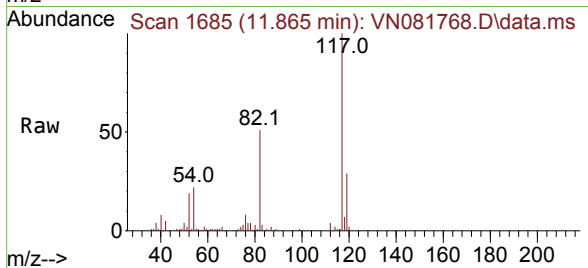
Tgt Ion:173 Resp: 34112
Ion Ratio Lower Upper
173 100
175 47.0 40.0 60.0
254 8.0 8.3 12.5#



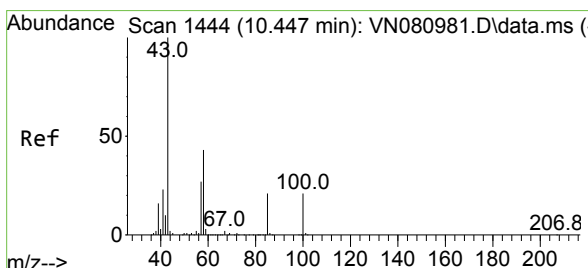
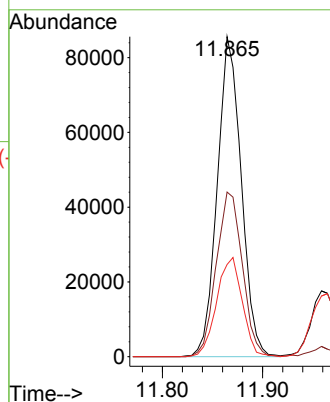
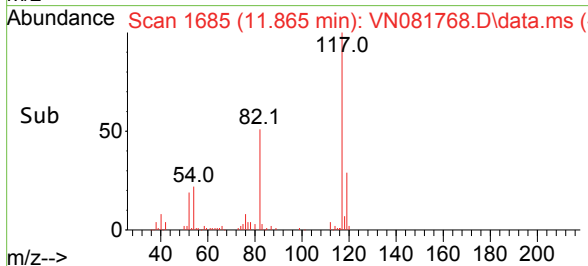


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

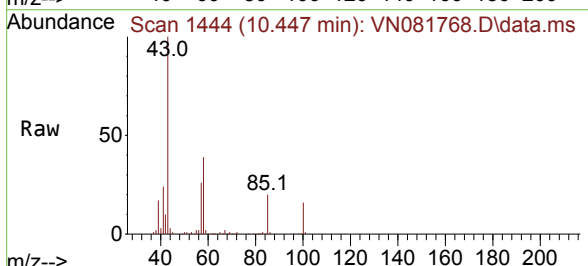
Instrument :
MSVOA_N
ClientSampleId :



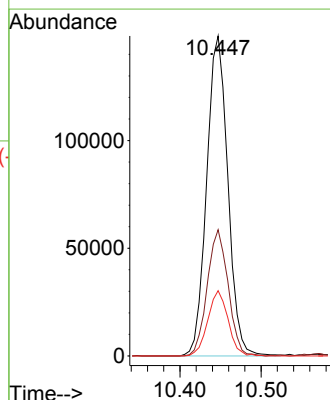
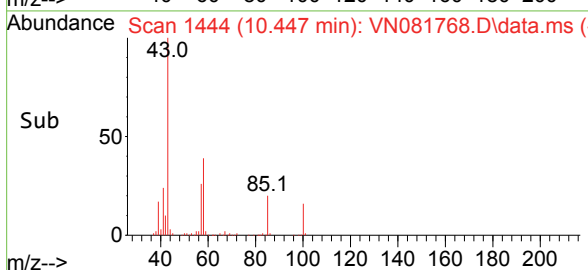
Tgt Ion:117 Resp: 142105
Ion Ratio Lower Upper
117 100
82 55.9 46.6 69.8
119 33.2 25.4 38.2

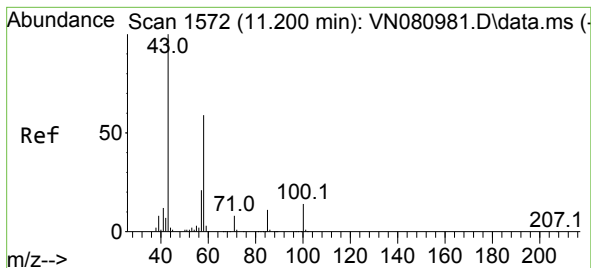


#58
4-Methyl-2-Pentanone
Concen: 110.233 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



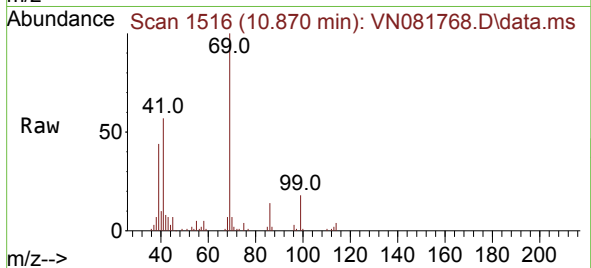
Tgt Ion: 43 Resp: 269387
Ion Ratio Lower Upper
43 100
58 39.0 36.5 54.7
85 19.6 19.5 29.3



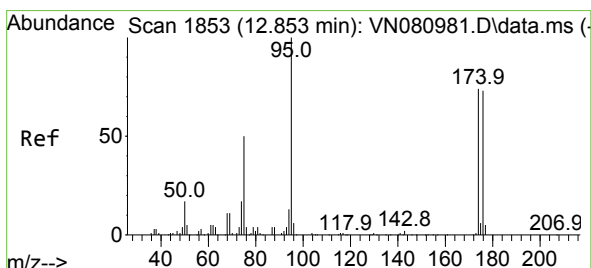
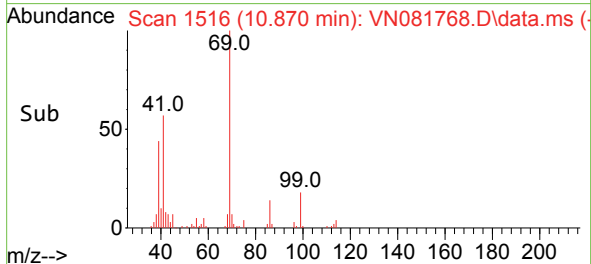
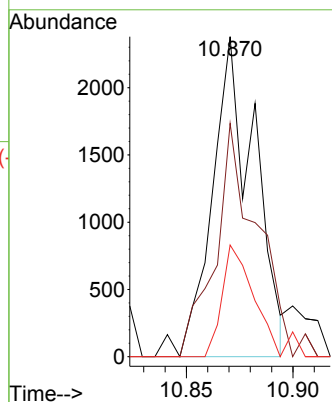


#59
2-Hexanone
Concen: 1.765 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.329 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

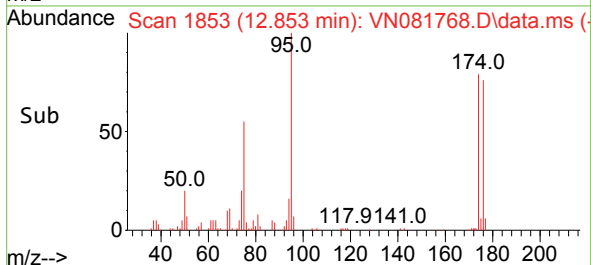
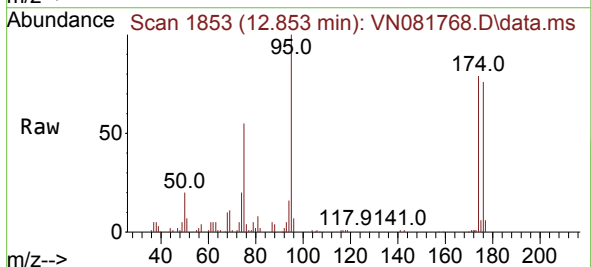
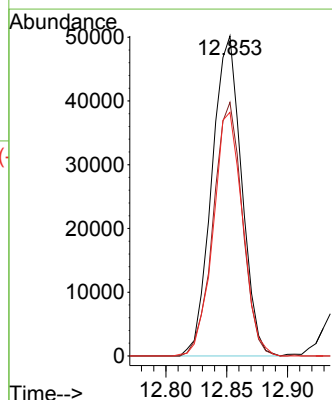


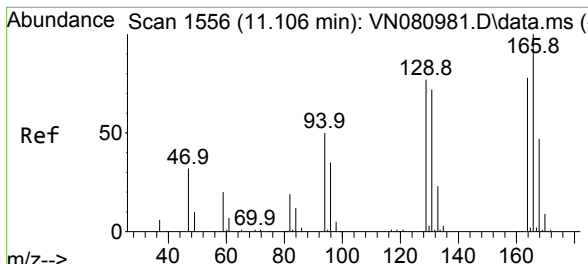
Tgt Ion: 43 Resp: 3239
Ion Ratio Lower Upper
43 100
58 58.0 50.4 75.6
57 26.2 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 30.527 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

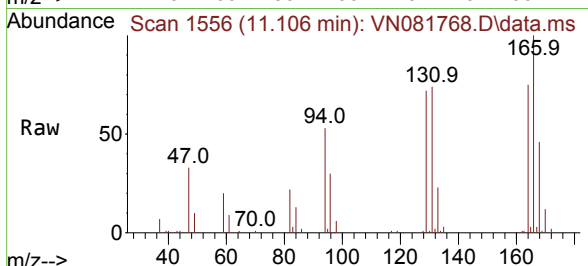
Tgt Ion: 95 Resp: 85289
Ion Ratio Lower Upper
95 100
174 77.4 60.5 90.7
176 75.4 57.8 86.6





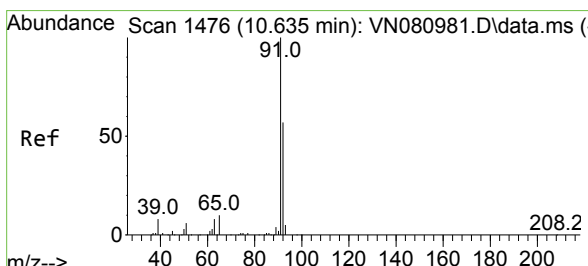
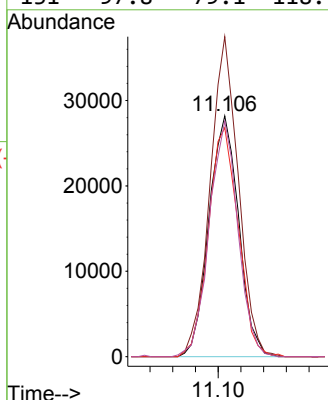
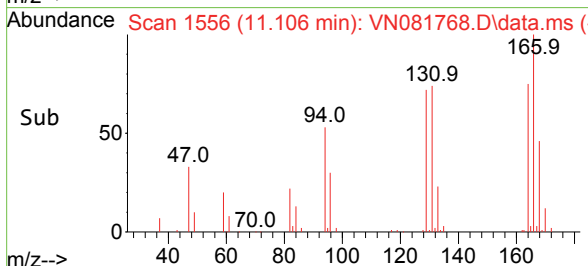
#61
Tetrachloroethene
Concen: 19.486 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

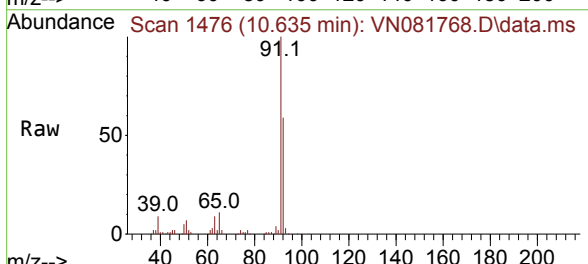


Tgt Ion:164 Resp: 51309

Ion	Ratio	Lower	Upper
164	100		
166	132.9	106.7	160.1
129	95.1	85.8	128.6
131	97.8	79.1	118.7

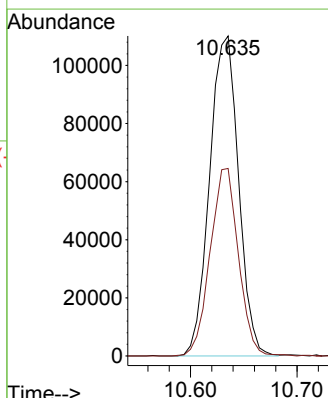
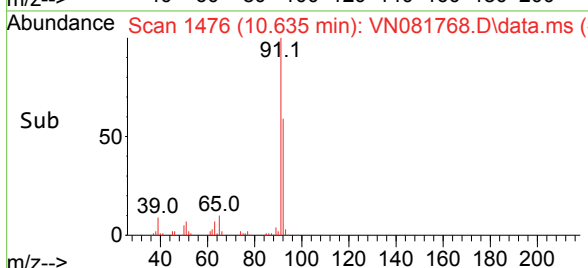


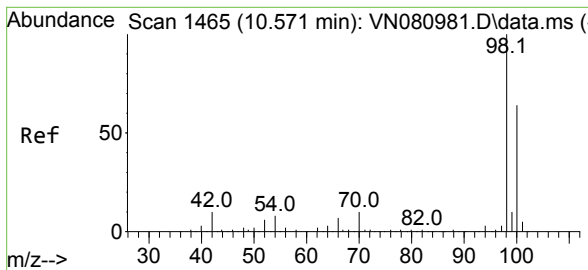
#62
Toluene
Concen: 20.113 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



Tgt Ion: 91 Resp: 207934

Ion	Ratio	Lower	Upper
91	100		
92	57.2	46.5	69.7

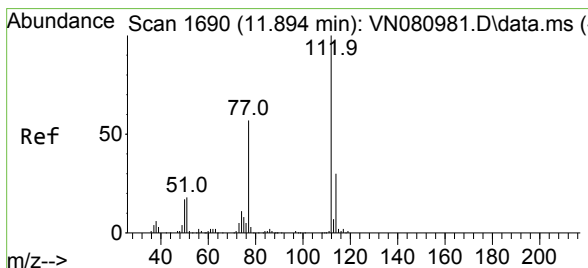
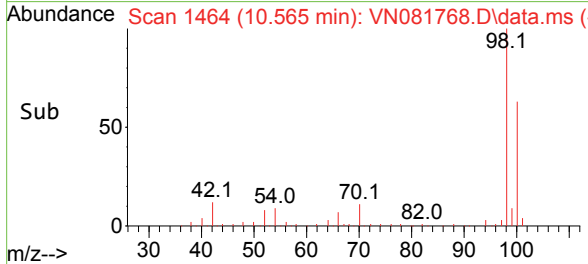
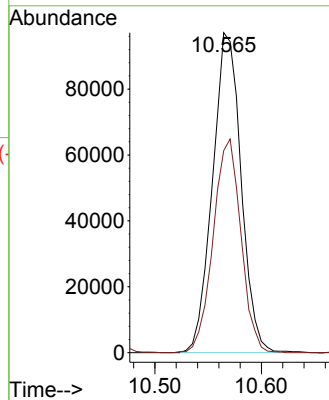
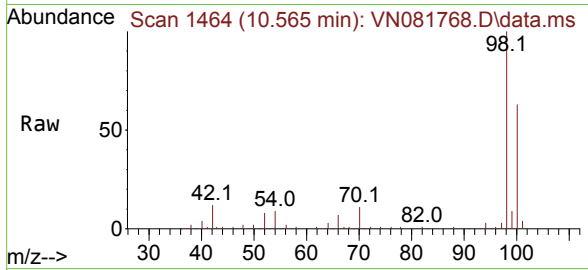




#63
Toluene-d8
Concen: 31.690 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

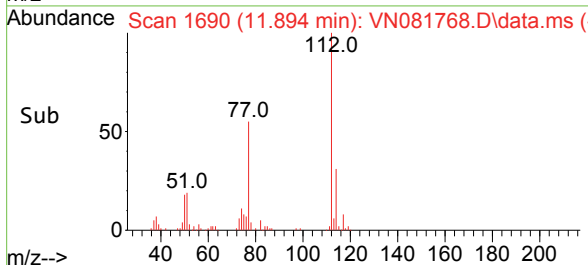
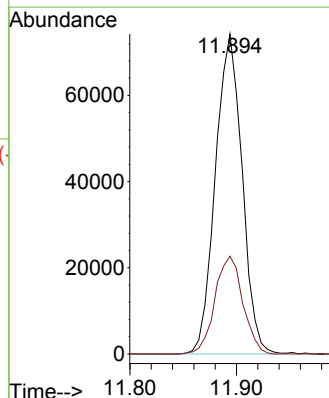
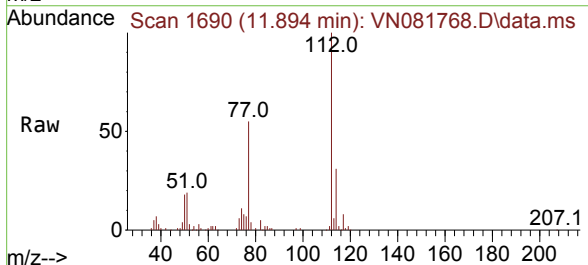
Instrument :
MSVOA_N
ClientSampleId :

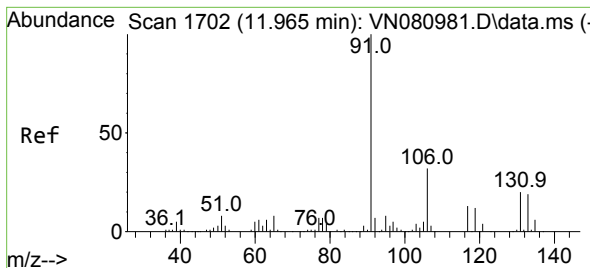
Tgt Ion: 98 Resp: 180641
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#64
Chlorobenzene
Concen: 19.684 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 112 Resp: 129040
Ion Ratio Lower Upper
112 100
114 30.5 26.6 39.8

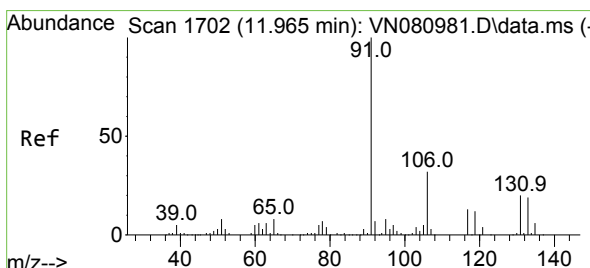
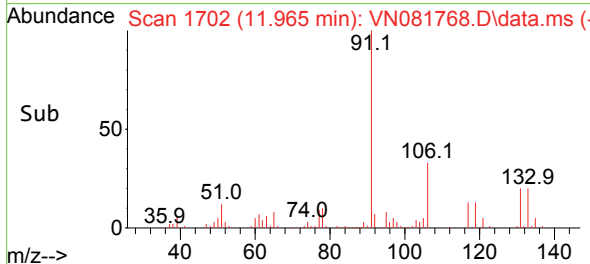
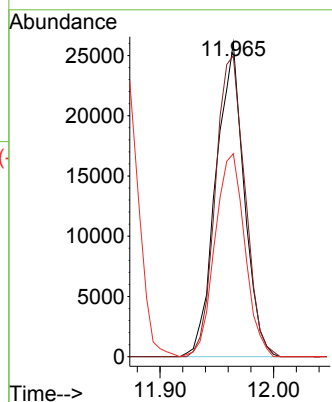
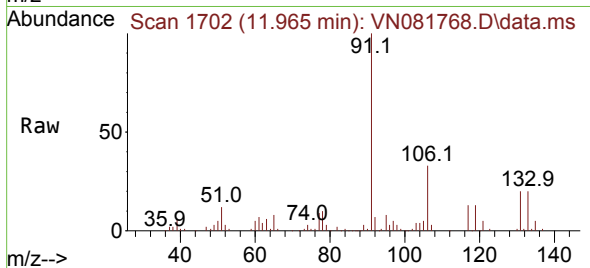




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.835 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

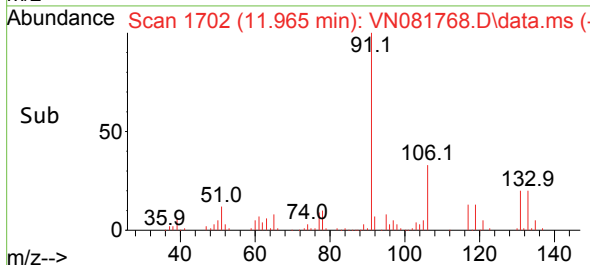
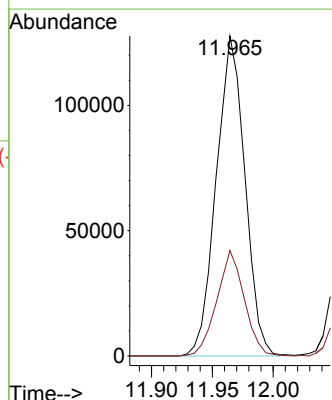
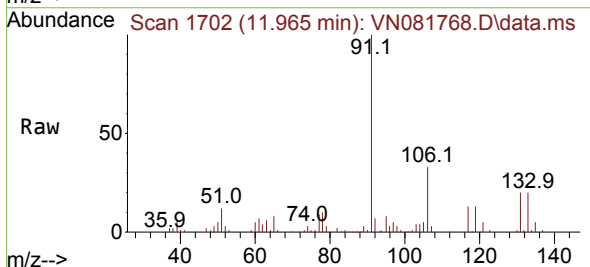
Instrument :
 MSVOA_N
 ClientSampleId :

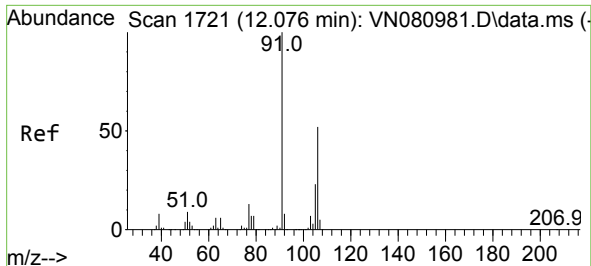
Tgt Ion:131 Resp: 44853
 Ion Ratio Lower Upper
 131 100
 133 100.4 0.0 188.0
 119 68.7 0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.026 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

Tgt Ion: 91 Resp: 209132
 Ion Ratio Lower Upper
 91 100
 106 32.9 24.4 36.6

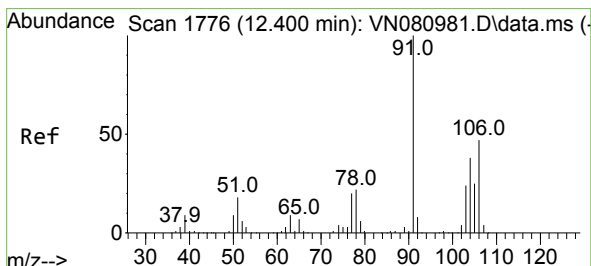
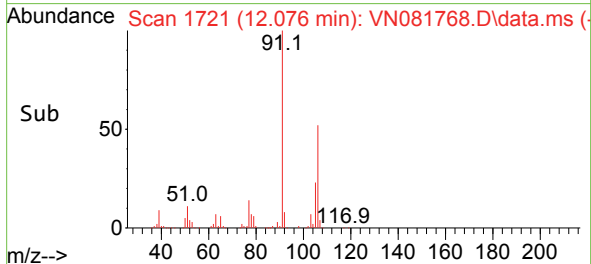
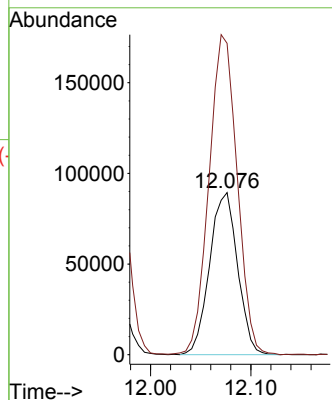
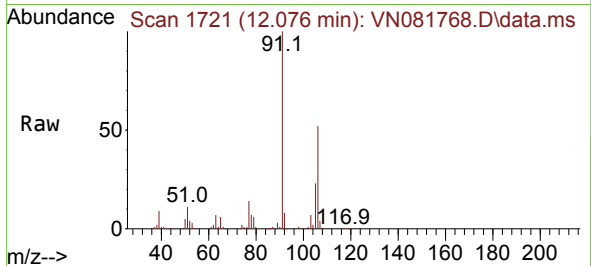




#67
m/p-Xylenes
Concen: 39.753 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

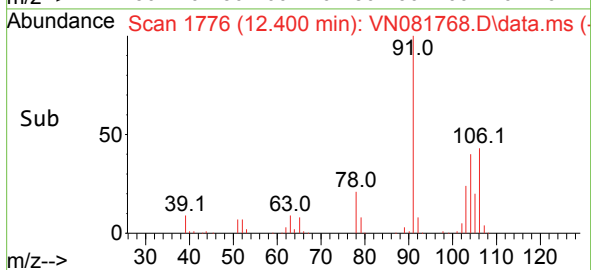
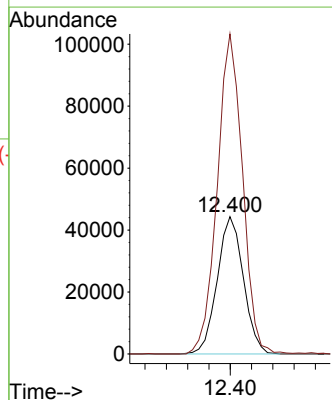
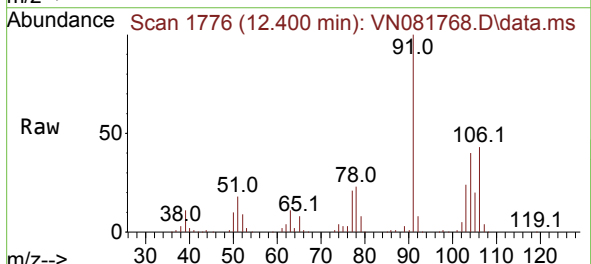
Instrument :
MSVOA_N
ClientSampleId :

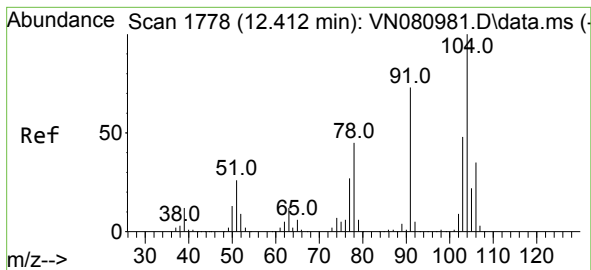
Tgt Ion:106 Resp: 173087
Ion Ratio Lower Upper
106 100
91 198.9 166.6 249.8



#68
o-Xylene
Concen: 18.299 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:106 Resp: 75639
Ion Ratio Lower Upper
106 100
91 224.8 110.0 330.0





#69

Styrene

Concen: 19.557 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

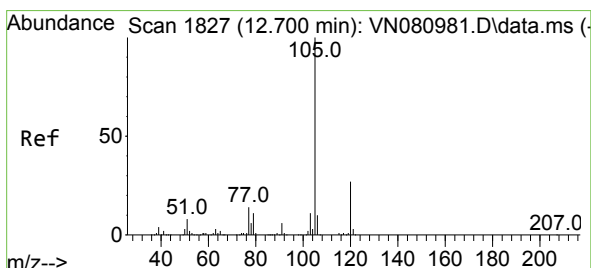
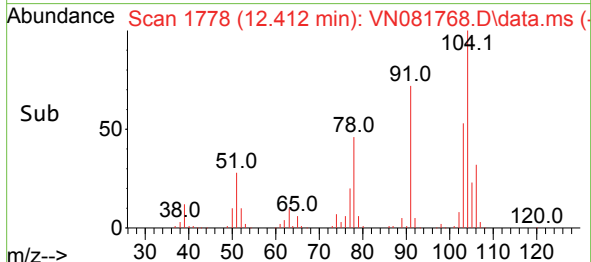
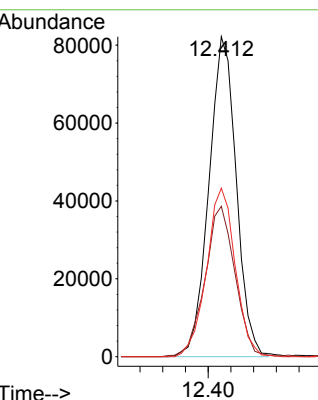
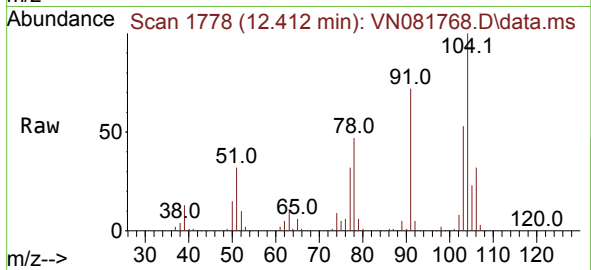
Tgt Ion:104 Resp: 137672

Ion Ratio Lower Upper

104 100

78 51.6 42.6 64.0

103 55.0 43.7 65.5



#70

Isopropylbenzene

Concen: 19.598 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN081768.D

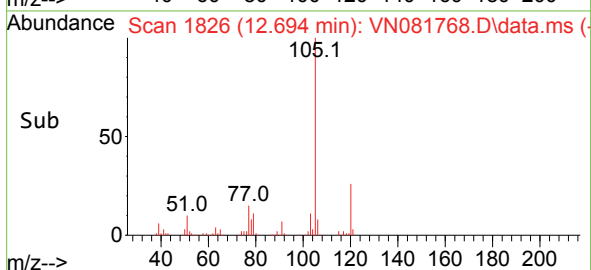
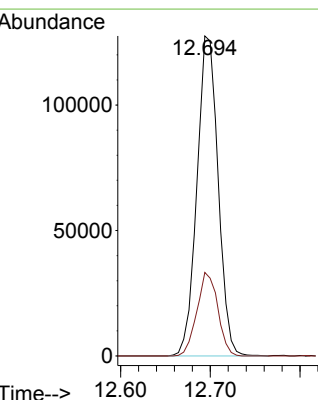
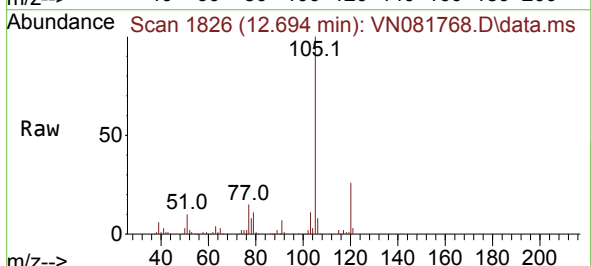
Acq: 17 Apr 2024 12:06

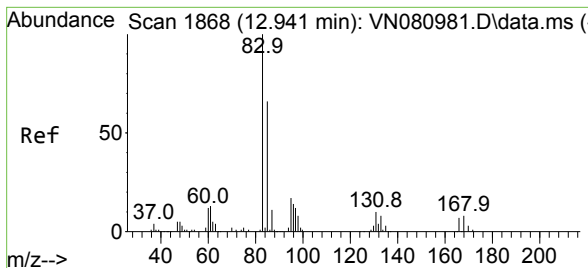
Tgt Ion:105 Resp: 208987

Ion Ratio Lower Upper

105 100

120 25.7 17.8 33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 20.734 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

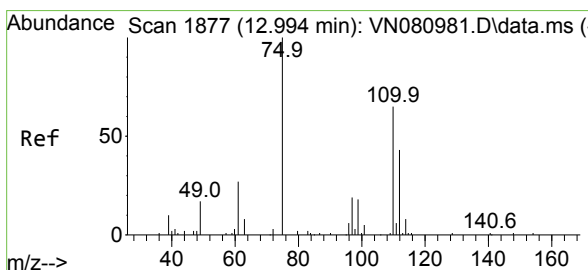
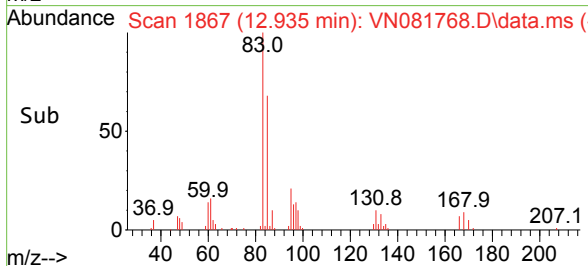
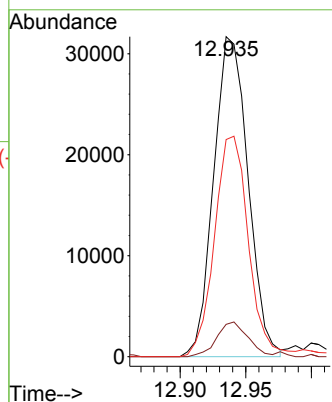
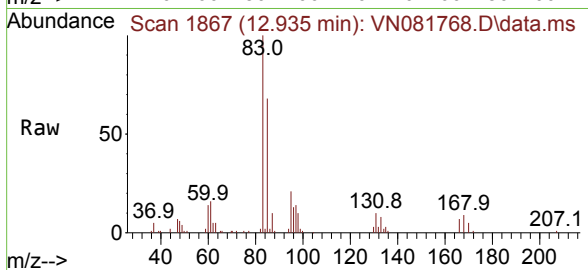
Tgt Ion: 83 Resp: 57754

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

85 68.0 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 31.497 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN081768.D

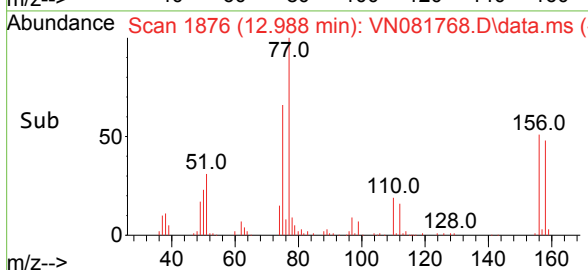
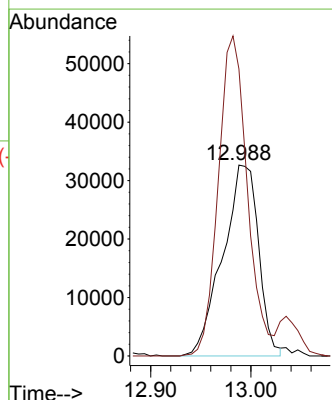
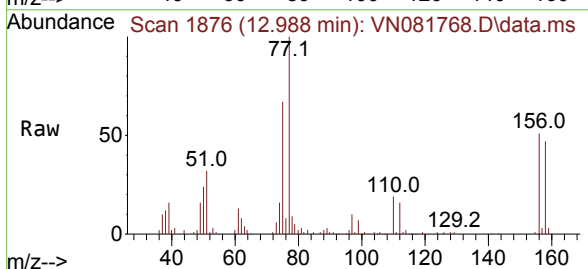
Acq: 17 Apr 2024 12:06

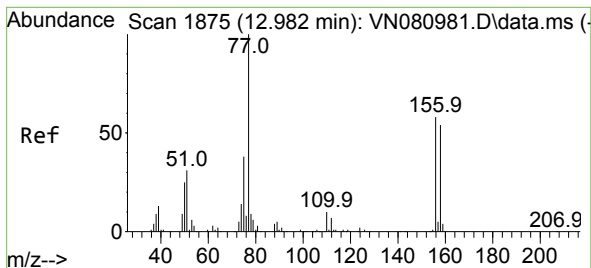
Tgt Ion: 75 Resp: 81226

Ion Ratio Lower Upper

75 100

77 135.8 0.0 367.6





#73

Bromobenzene

Concen: 18.770 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

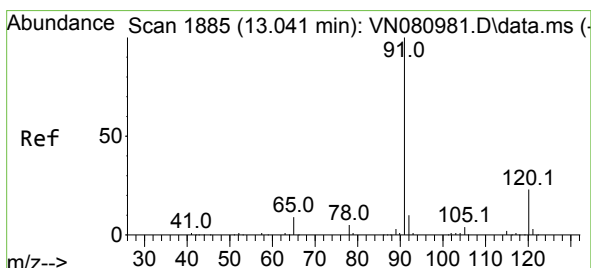
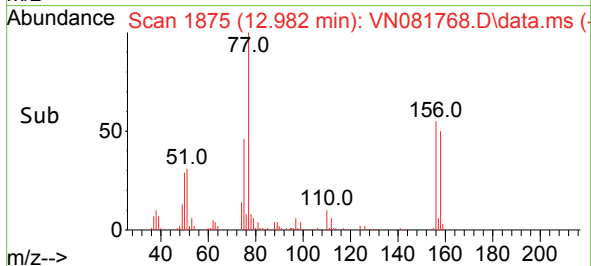
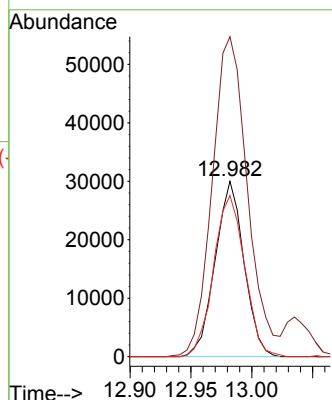
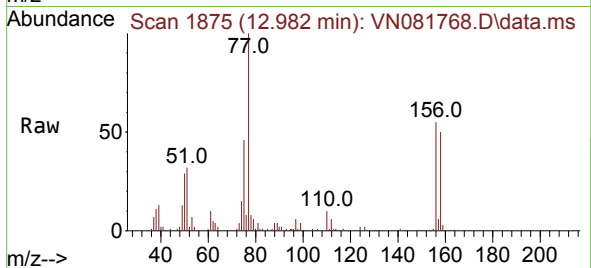
Tgt Ion:156 Resp: 49597

Ion Ratio Lower Upper

156 100

77 222.4 0.0 437.6

158 98.6 0.0 203.8



#74

n-propylbenzene

Concen: 19.969 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081768.D

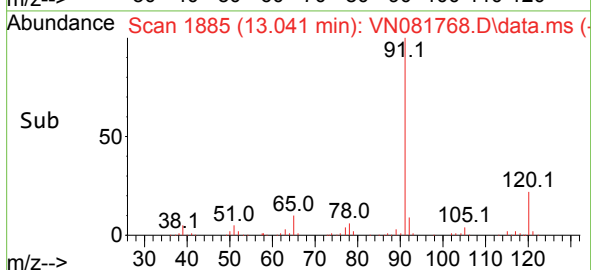
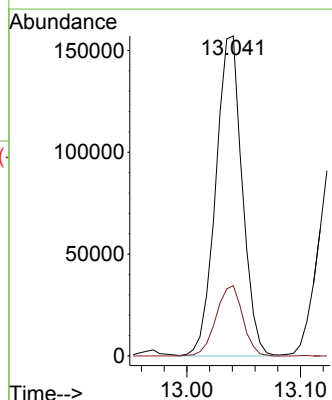
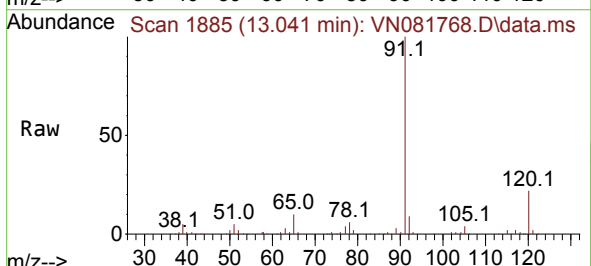
Acq: 17 Apr 2024 12:06

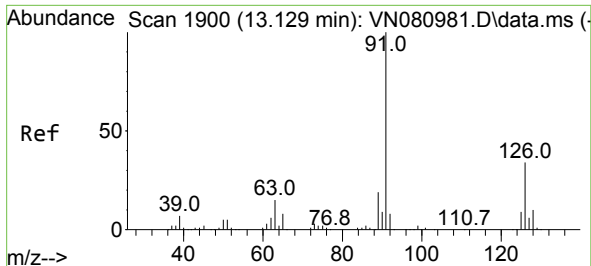
Tgt Ion: 91 Resp: 254887

Ion Ratio Lower Upper

91 100

120 22.1 0.0 43.8

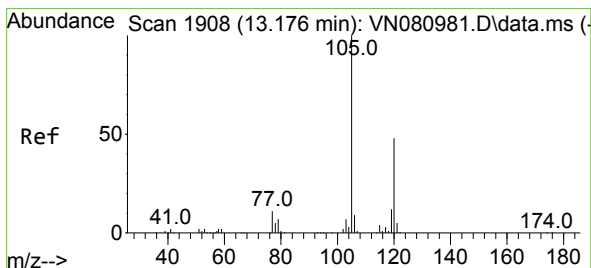
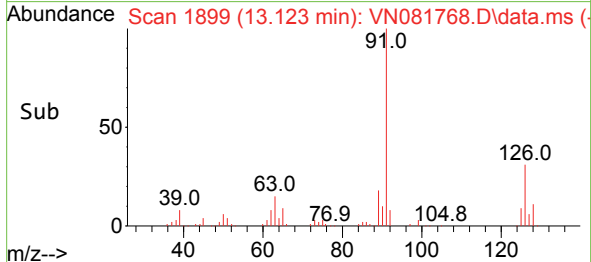
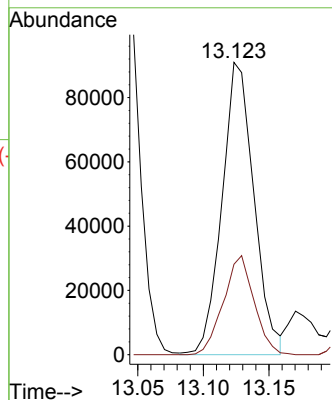
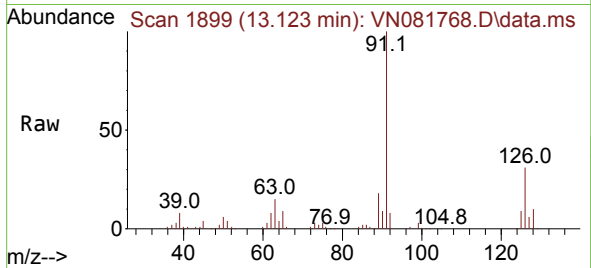




#75
2-Chlorotoluene
Concen: 20.312 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

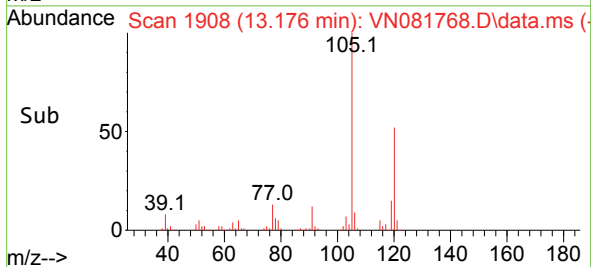
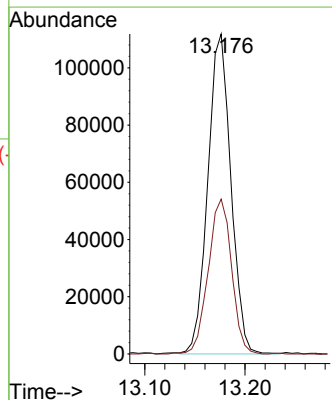
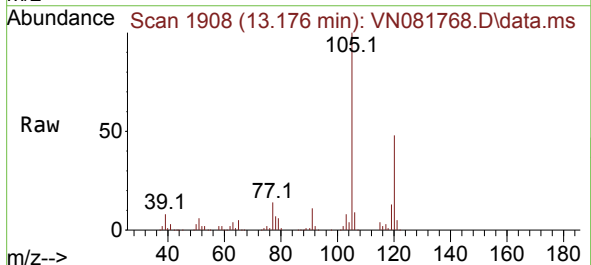
Instrument :
MSVOA_N
ClientSampleId :

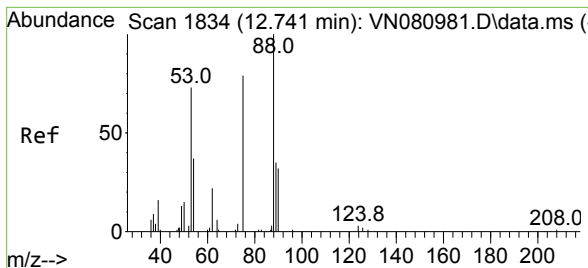
Tgt Ion: 91 Resp: 154466
Ion Ratio Lower Upper
91 100
126 32.5 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 19.813 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:105 Resp: 179324
Ion Ratio Lower Upper
105 100
120 48.9 0.0 95.8

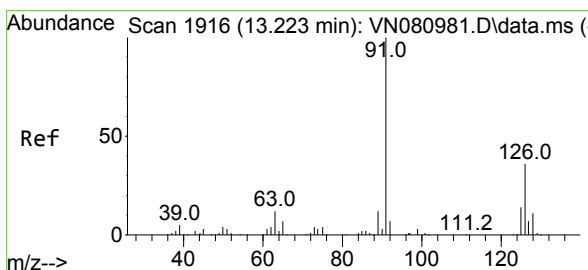
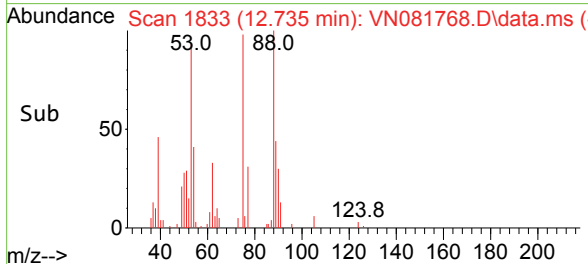
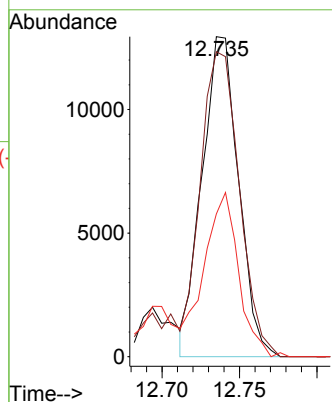
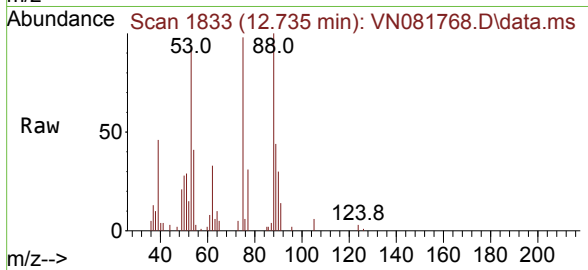




#77
 t-1,4-Dichloro-2-butene
 Concen: 19.880 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

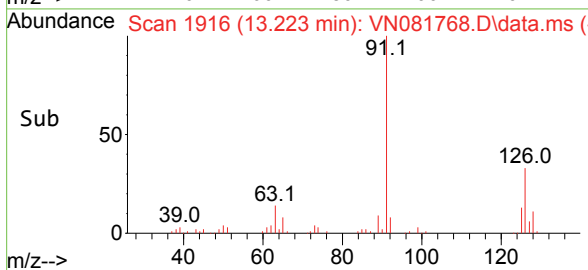
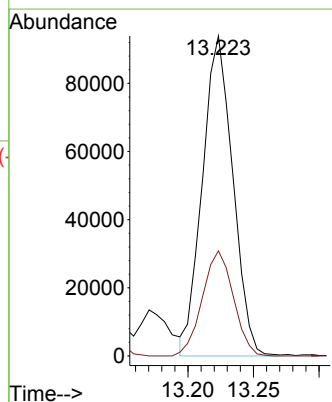
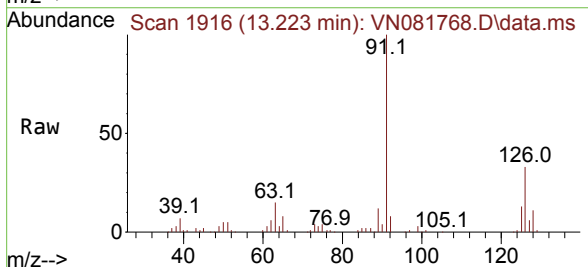
Instrument :
 MSVOA_N
 ClientSampleId :

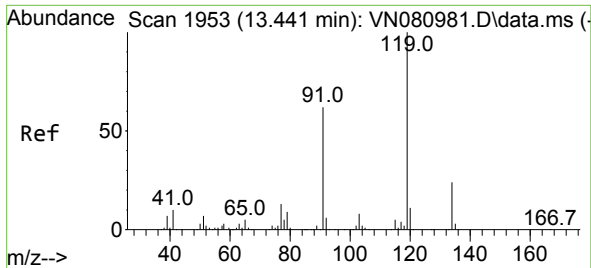
Tgt Ion: 75 Resp: 21231
 Ion Ratio Lower Upper
 75 100
 53 95.3 45.9 137.7
 89 43.4 25.9 77.7



#78
 4-Chlorotoluene
 Concen: 20.113 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

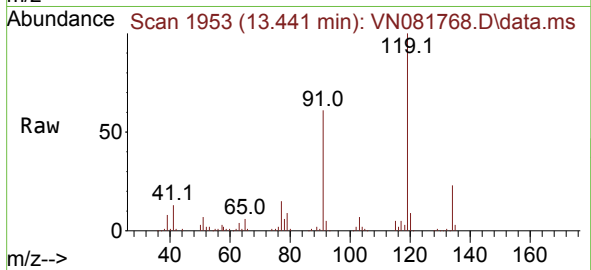
Tgt Ion: 91 Resp: 151704
 Ion Ratio Lower Upper
 91 100
 126 33.4 0.0 62.8



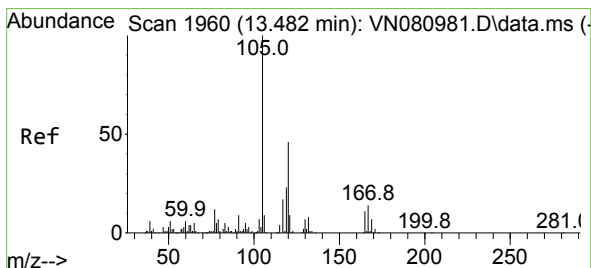
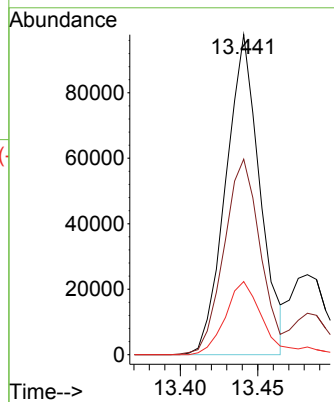
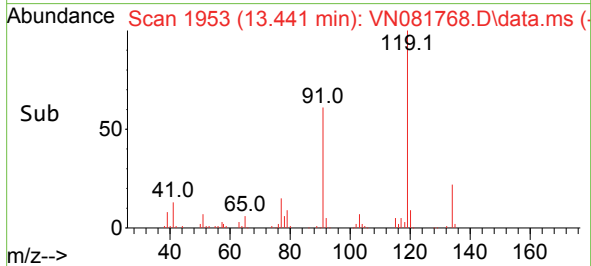


#79
tert-butylbenzene
Concen: 19.416 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

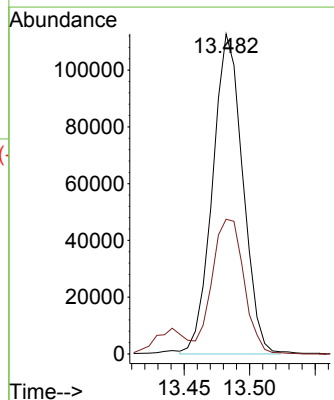
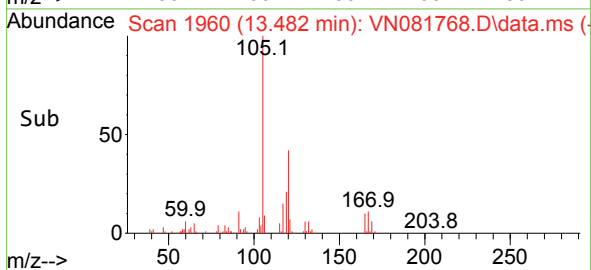
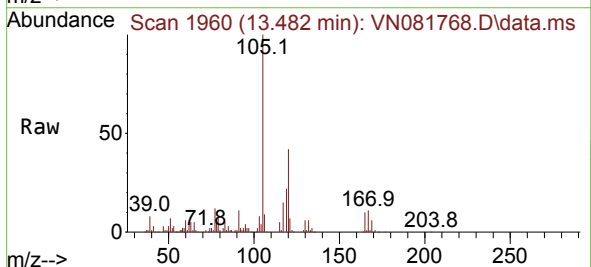


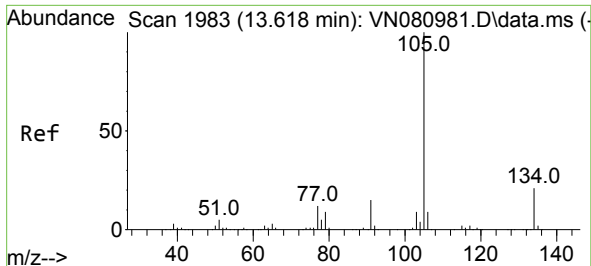
Tgt Ion:119 Resp: 149501
Ion Ratio Lower Upper
119 100
91 64.9 0.0 138.8
134 24.4 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 20.012 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:105 Resp: 180631
Ion Ratio Lower Upper
105 100
120 44.1 0.0 86.8

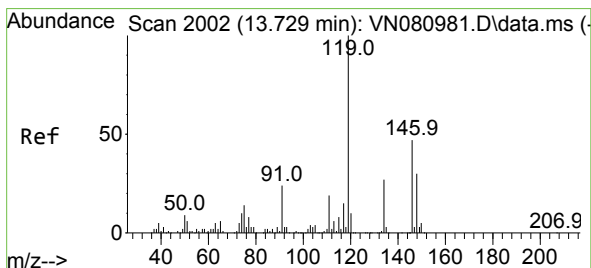
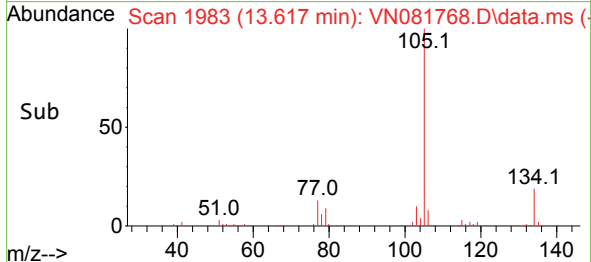
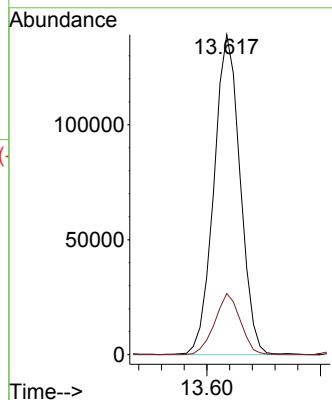
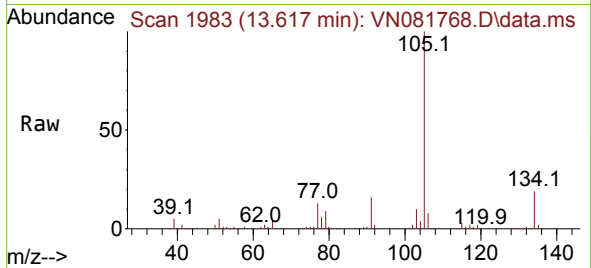




#81
 sec-Butylbenzene
 Concen: 20.102 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

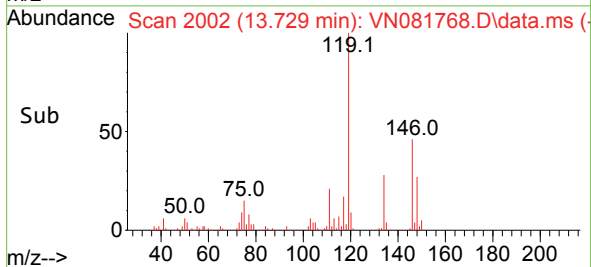
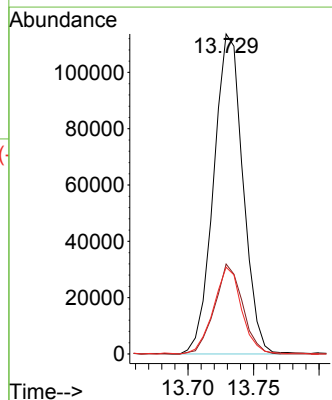
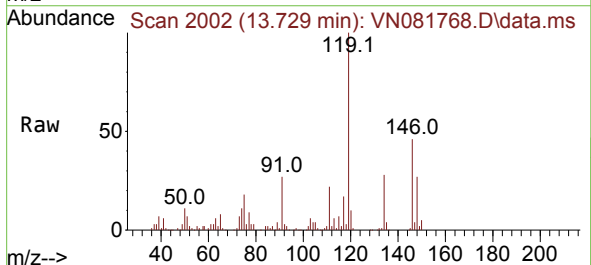
Instrument :
 MSVOA_N
 ClientSampleId :

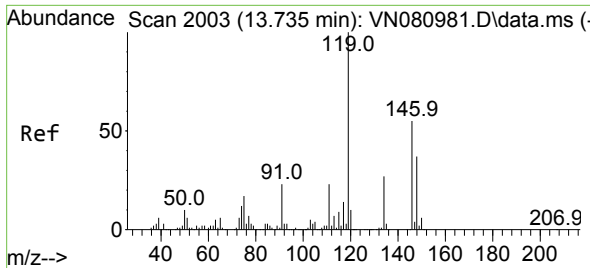
Tgt Ion:105 Resp: 223222
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 18.959 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

Tgt Ion:119 Resp: 176573
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 49.2
 91 26.1 0.0 48.8

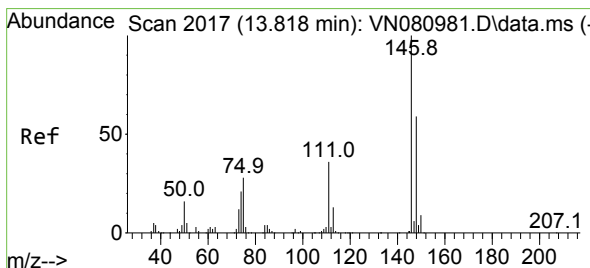
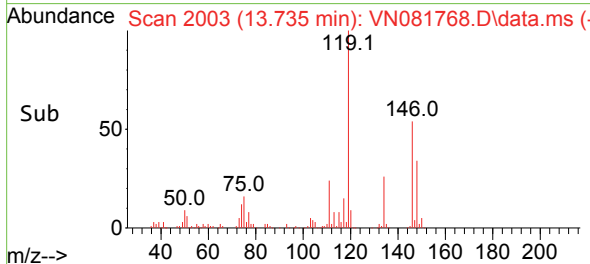
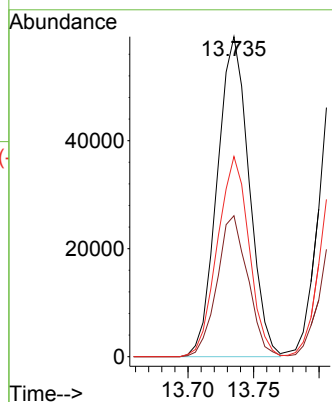
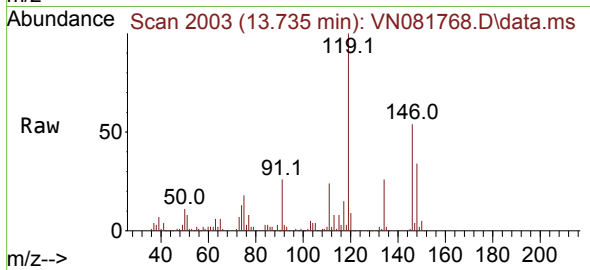




#83
1,3-Dichlorobenzene
Concen: 20.231 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

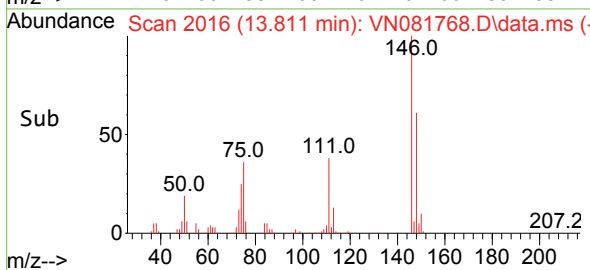
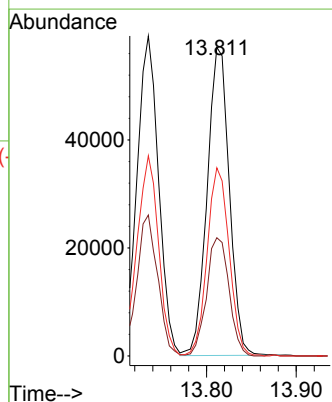
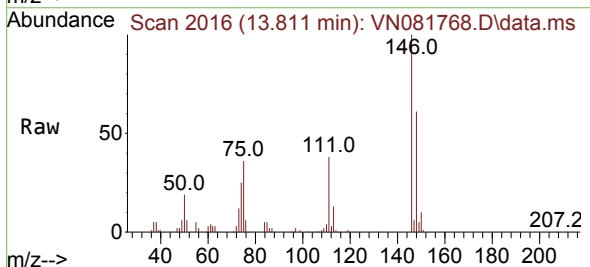
Instrument :
MSVOA_N
ClientSampleId :

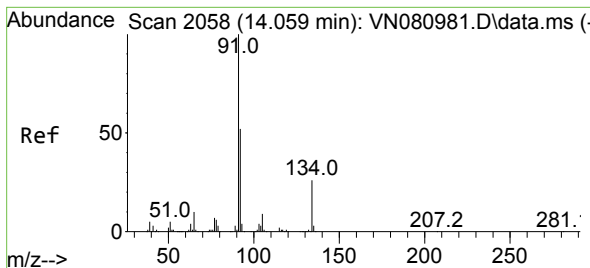
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.4	67.0
148	62.2	32.1	96.5



#84
1,4-Dichlorobenzene
Concen: 20.462 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	21.3	63.9
148	60.6	31.9	95.5





#85

n-Butylbenzene

Concen: 19.295 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

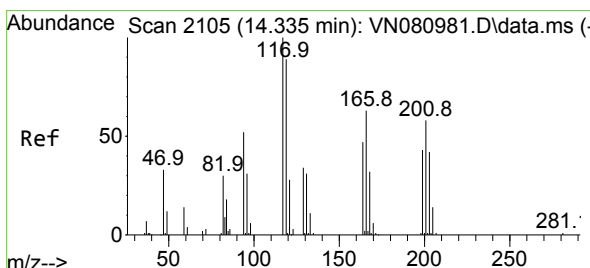
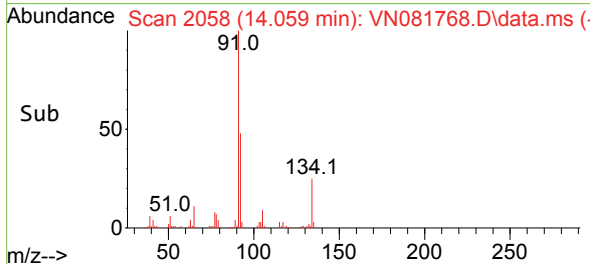
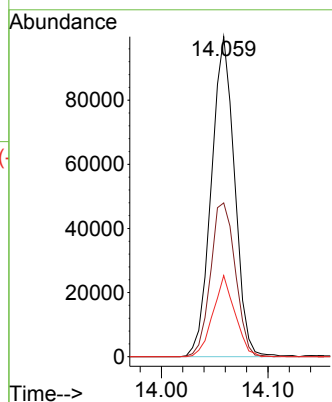
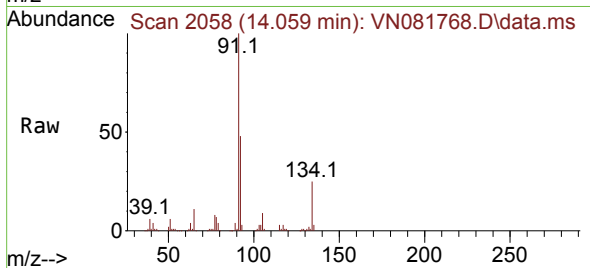
Tgt Ion: 91 Resp: 151363

Ion Ratio Lower Upper

91 100

92 51.2 0.0 105.0

134 24.1 0.0 51.8



#86

Hexachloroethane

Concen: 21.178 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081768.D

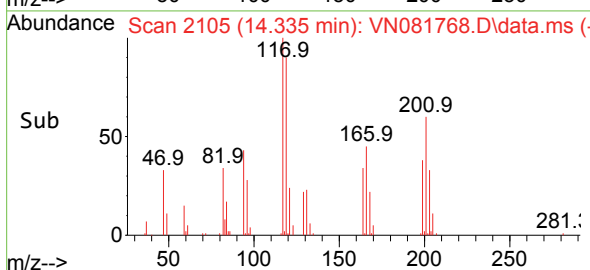
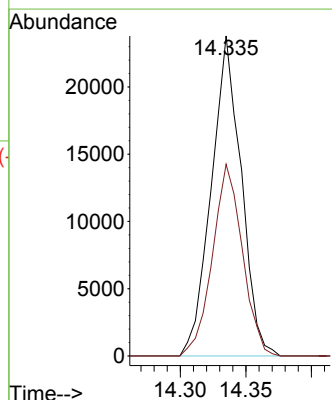
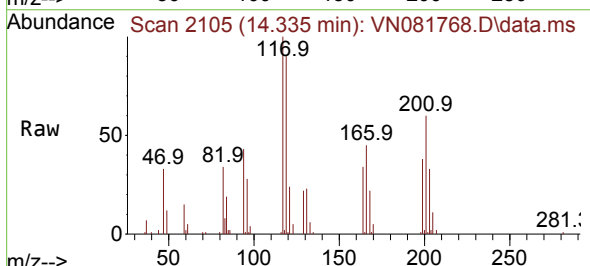
Acq: 17 Apr 2024 12:06

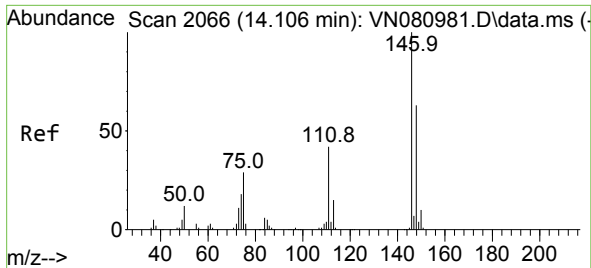
Tgt Ion: 117 Resp: 37680

Ion Ratio Lower Upper

117 100

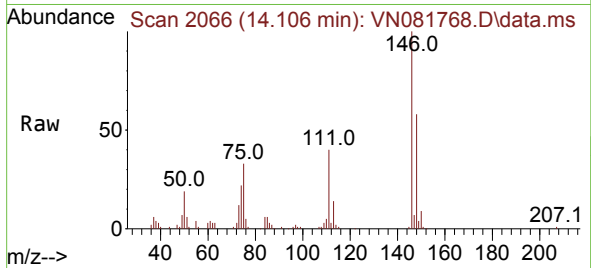
201 60.0 38.0 114.0



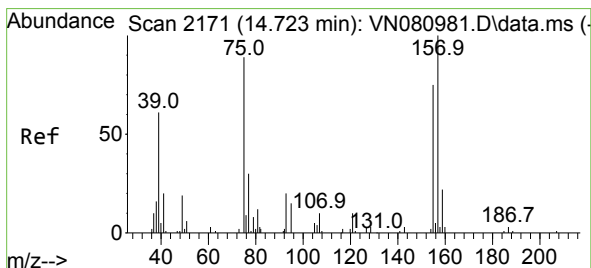
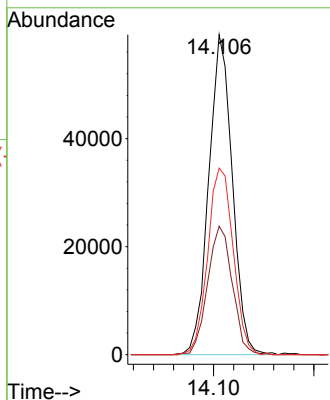
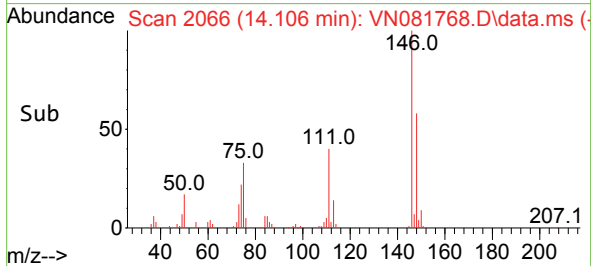


#87
1,2-Dichlorobenzene
Concen: 20.605 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

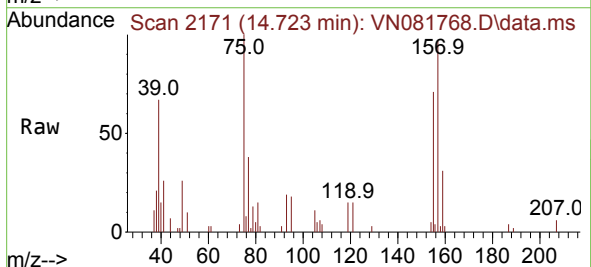
Instrument :
MSVOA_N
ClientSampleId :



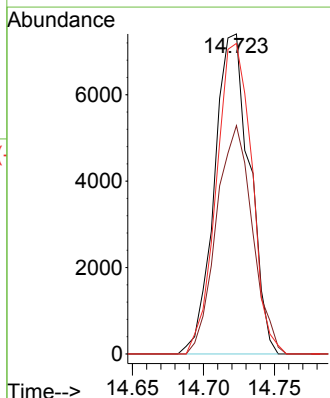
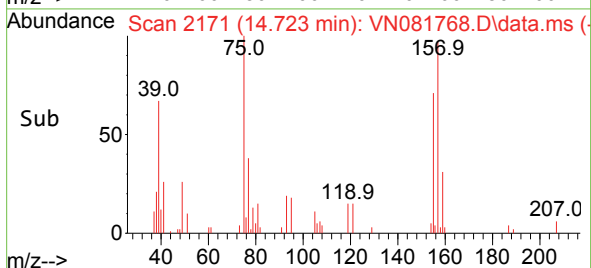
Tgt Ion:146 Resp: 96852
Ion Ratio Lower Upper
146 100
111 41.9 22.6 67.8
148 63.0 31.3 93.8

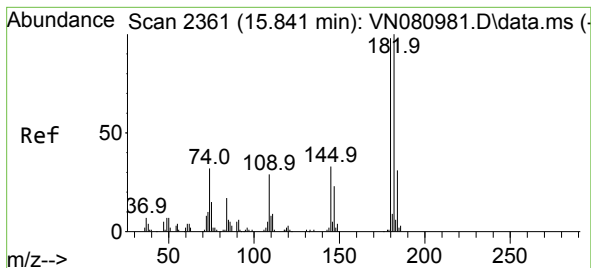


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.039 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



Tgt Ion: 75 Resp: 12776
Ion Ratio Lower Upper
75 100
155 73.0 61.7 92.5
157 97.7 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.639 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.453 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

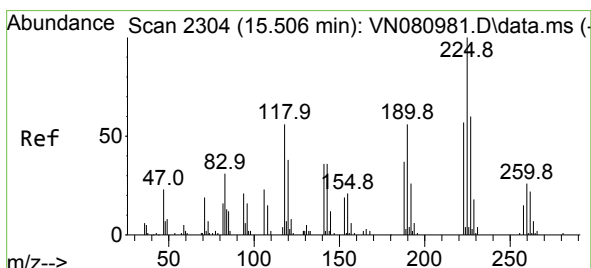
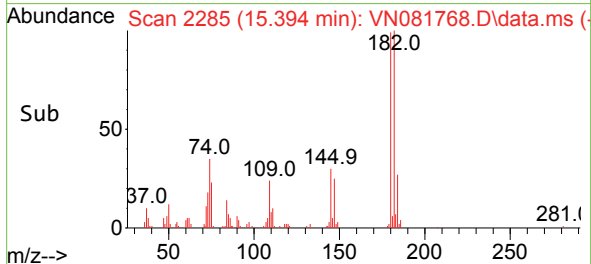
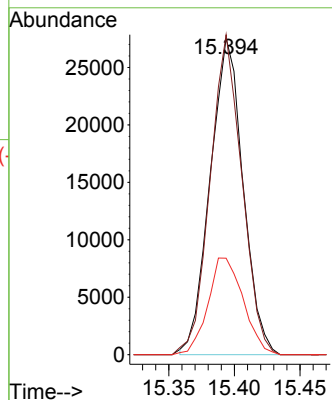
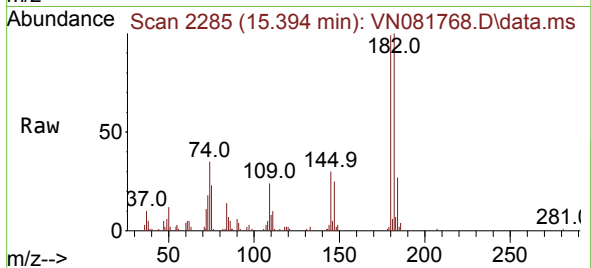
Tgt Ion:180 Resp: 48020

Ion Ratio Lower Upper

180 100

182 97.3 76.4 114.6

145 32.7 28.4 42.6



#90

Hexachlorobutadiene

Concen: 20.643 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

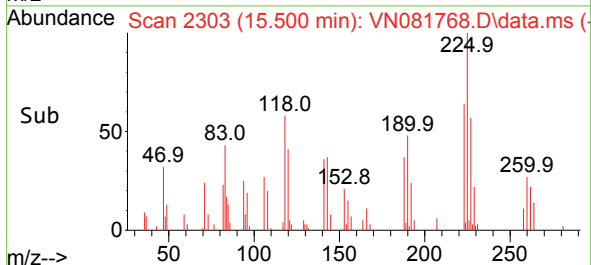
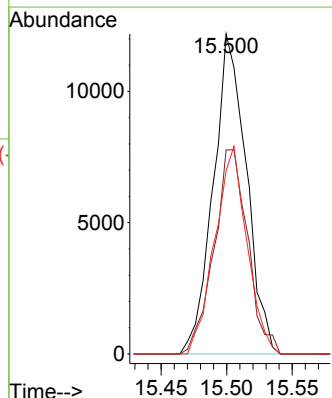
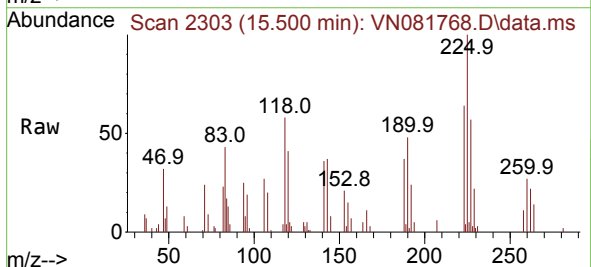
Tgt Ion:225 Resp: 21313

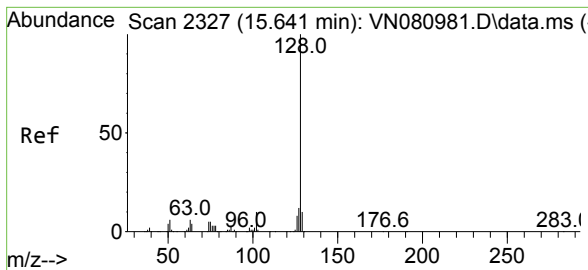
Ion Ratio Lower Upper

225 100

223 65.4 0.0 126.6

227 63.1 0.0 126.6

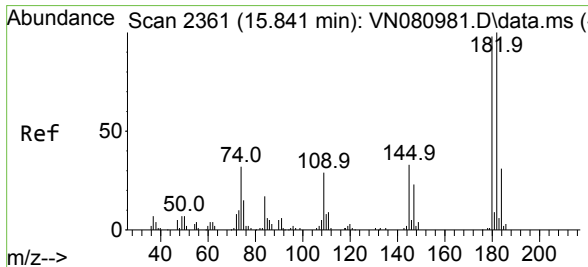
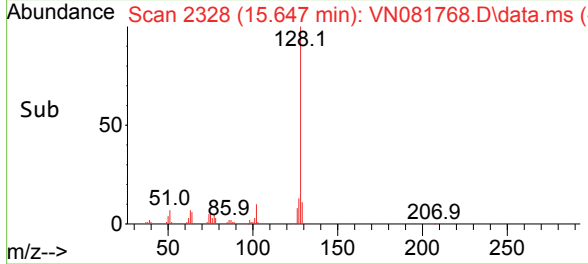
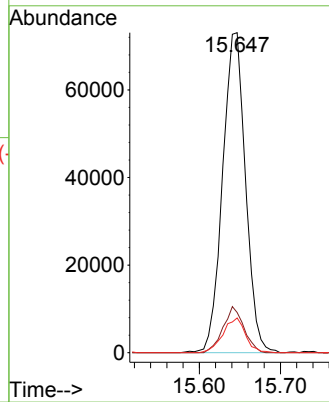
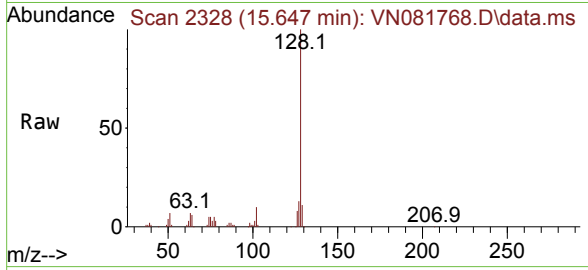




#91
Naphthalene
Concen: 17.324 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 143497
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.452 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:180 Resp: 50116
Ion Ratio Lower Upper
180 100
182 94.2 0.0 191.0
145 19.6 0.0 71.0

