

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080671.D
 Acq On : 11 Jan 2024 12:03
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 04:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 04:36:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	14589	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	128642	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138992	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	70851	30.073	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.233%	
60) 4-Bromofluorobenzene	12.847	95	87537	28.470	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.900%	
63) Toluene-d8	10.565	98	183084	30.014	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.033%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	11236	4.531	ug/l	83
3) Chloromethane	2.359	50	19248	5.699	ug/l	99
4) Vinyl Chloride	2.512	62	13399	5.215	ug/l	96
6) Chloroethane	3.124	64	7461	5.371	ug/l	90
7) Trichlorofluoromethane	3.501	101	19264	5.019	ug/l	85
8) Diethyl Ether	3.953	74	5256	3.114	ug/l #	7
9) 1,1,2-Trichlorotrifluo...	4.359	101	5881	2.659	ug/l #	60
10) 1,1-Dichloroethene	4.324	96	5046	2.119	ug/l #	82
11) Methyl Iodide	4.583	142	5378	2.654	ug/l #	67
12) Methyl Acetate	5.024	43	15566	5.538	ug/l #	63
13) Acrolein	4.459	56	219	0.585	ug/l	88
14) Acrylonitrile	5.718	53	33732	26.630	ug/l	98
15) Acetone	4.436	58	7791	27.125	ug/l #	61
16) Carbon Disulfide	4.700	76	18775	2.551	ug/l #	87
18) Methylene Chloride	5.283	84	15152	5.488	ug/l	85
19) trans-1,2-Dichloroethene	5.783	96	12669	5.072	ug/l	94
20) Diisopropyl ether	6.665	45	29547	3.029	ug/l #	61
21) 1,1-Dichloroethane	6.565	63	27309	5.152	ug/l	94
22) cis-1,2-Dichloroethene	7.489	96	15235	5.211	ug/l	90
23) tert-Butyl Alcohol	5.500	59	6514	14.907	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	28324	3.297	ug/l #	60
25) Chloroform	7.965	83	26420	5.354	ug/l	90
26) Cyclohexane	8.253	56	21428	5.141	ug/l #	81
29) 1,1-Dichloropropene	8.377	75	19644	5.023	ug/l	95
30) 2-Butanone	7.483	43	44897	25.946	ug/l #	90
31) 2,2-Dichloropropane	7.483	77	22699	4.832	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	20668	4.803	ug/l #	92
33) Carbon Tetrachloride	8.359	117	16278	4.790	ug/l	89
34) Benzene	8.612	78	58849	5.074	ug/l	98
35) Methacrylonitrile	7.771	41	10024	4.616	ug/l	87
36) 1,2-Dichloroethane	8.677	62	20650	4.842	ug/l	98
37) Trichloroethene	9.353	130	12988	5.134	ug/l	89
38) Methylcyclohexane	9.600	83	18392	4.828	ug/l	79
39) 1,2-Dichloropropane	9.624	63	15576	4.982	ug/l	98
40) Dibromomethane	9.712	93	9665	5.196	ug/l	84
41) Bromodichloromethane	9.883	83	19692	4.838	ug/l #	96
42) Vinyl Acetate	6.600	43	195945	24.364	ug/l #	86
43) Ethyl Acetate	7.559	43	16577	4.562	ug/l	98
44) Isopropyl Acetate	8.688	43	34875	5.028	ug/l #	67

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 ALS Vial : 1 Sample Multiplier: 1

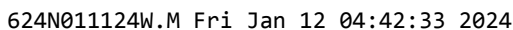
Instrument :
 MSVOA_N
 ClientSampleId :

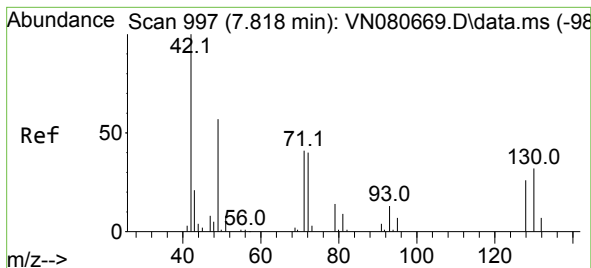
Quant Time: Jan 12 04:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 04:36:53 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	9.694	88	4247	107.660	ug/l #	74
46) Methyl methacrylate	9.683	41	16124	4.937	ug/l	79
48) t-1,3-Dichloropropene	10.835	75	23786	4.959	ug/l #	88
49) cis-1,3-Dichloropropene	10.312	75	24838	4.879	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	13011	5.093	ug/l	94
51) Ethyl methacrylate	10.571	69	892	0.202	ug/l	82
52) 1,3-Dichloropropane	11.165	76	25235	5.247	ug/l	99
53) Dibromochloromethane	11.359	129	11546	4.517	ug/l	96
54) 1,2-Dibromoethane	11.465	107	12697	5.056	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	60016	26.441	ug/l	95
56) Bromoform	12.582	173	6995	4.632	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	97520	26.672	ug/l #	83
59) 2-Hexanone	11.194	43	70566	25.849	ug/l	88
61) Tetrachloroethene	11.106	164	10188	5.506	ug/l #	83
62) Toluene	10.630	91	57712	5.162	ug/l	96
64) Chlorobenzene	11.894	112	31903	5.124	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	11979	5.354	ug/l	96
66) Ethyl Benzene	11.959	91	58186	4.949	ug/l	96
67) m/p-Xylenes	12.071	106	42098	9.962	ug/l	96
68) o-Xylene	12.400	106	22186	5.264	ug/l	96
69) Styrene	12.412	104	35267	4.981	ug/l	99
70) Isopropylbenzene	12.694	105	50224	4.876	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	18190	5.410	ug/l	91
72) 1,2,3-Trichloropropane	12.988	75	24451	7.402	ug/l	57
73) Bromobenzene	12.976	156	11380	5.183	ug/l	81
74) n-propylbenzene	13.035	91	57720	4.646	ug/l	99
75) 2-Chlorotoluene	13.123	91	38992	4.991	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	42132	4.914	ug/l	94
77) t-1,4-Dichloro-2-butene	12.741	75	6408	4.905	ug/l	87
78) 4-Chlorotoluene	13.223	91	37746	4.833	ug/l	94
79) tert-butylbenzene	13.435	119	32044	4.788	ug/l	92
80) 1,2,4-Trimethylbenzene	13.482	105	40016	4.771	ug/l	96
81) sec-Butylbenzene	13.618	105	47676	4.839	ug/l	97
82) p-Isopropyltoluene	13.729	119	35585	4.737	ug/l	93
83) 1,3-Dichlorobenzene	13.735	146	19667	5.163	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	18111	4.722	ug/l	94
85) n-Butylbenzene	14.053	91	32610	4.393	ug/l	93
86) Hexachloroethane	14.335	117	7323	5.183	ug/l	73
87) 1,2-Dichlorobenzene	14.106	146	18694	5.003	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.717	75	3353	4.790	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.841	180	8759	4.674	ug/l	97
90) Hexachlorobutadiene	15.506	225	4299	5.007	ug/l	82
91) Naphthalene	15.647	128	36080	4.938	ug/l #	96
92) 1,2,3-Trichlorobenzene	15.841	180	8759	4.674	ug/l	97

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

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

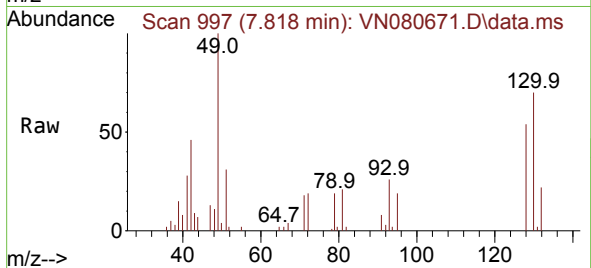
Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :



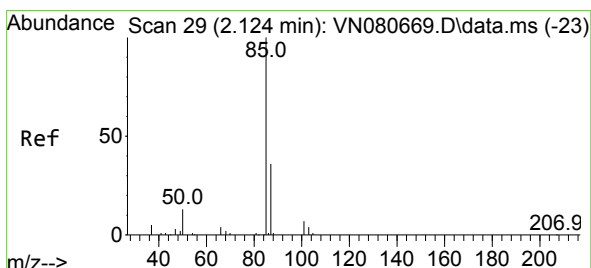
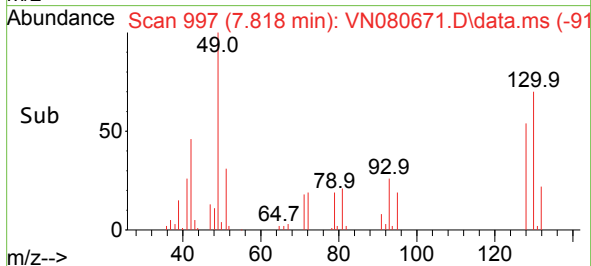
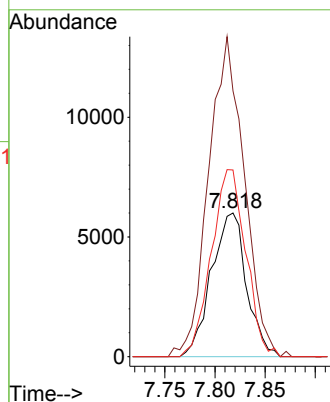
Tgt Ion:128 Resp: 14589

Ion Ratio Lower Upper

128 100

49 226.4 0.0 403.7

130 128.1 0.0 323.3



#2

Dichlorodifluoromethane

Concen: 4.531 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080671.D

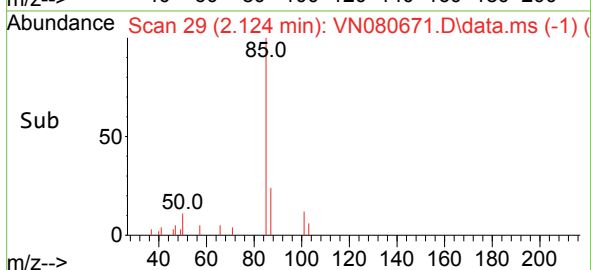
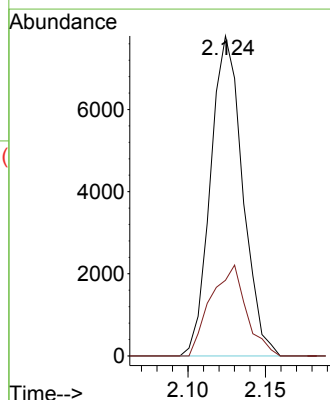
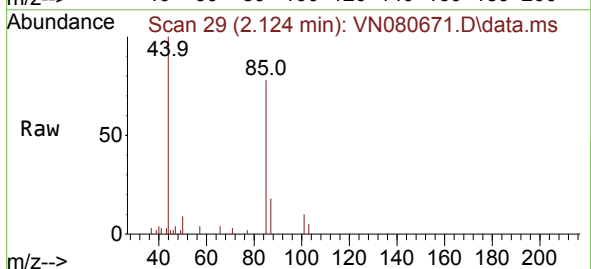
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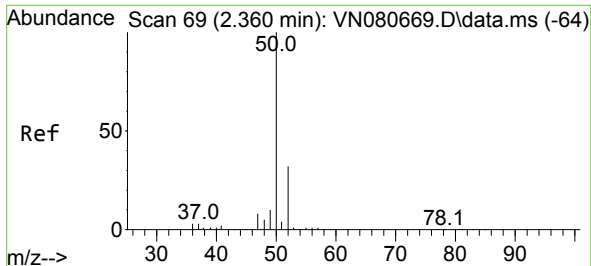
Tgt Ion: 85 Resp: 11236

Ion Ratio Lower Upper

85 100

87 23.6 16.8 50.3



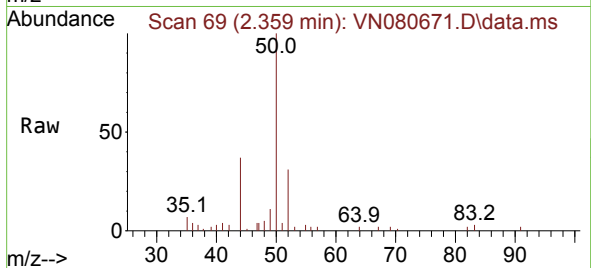


#3
Chloromethane
Concen: 5.699 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

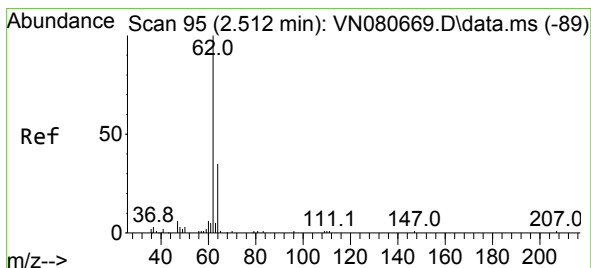
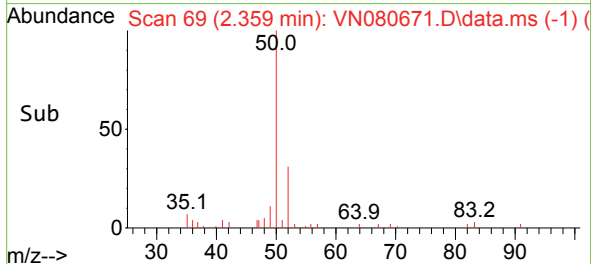
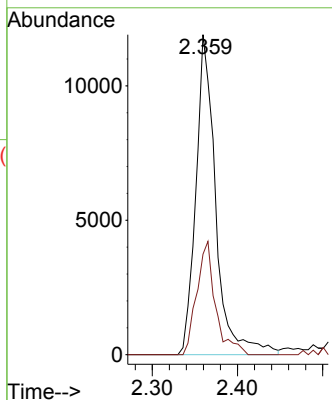
Instrument :

MSVOA_N

ClientSampleId :

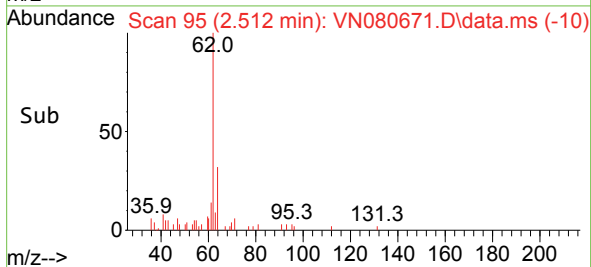
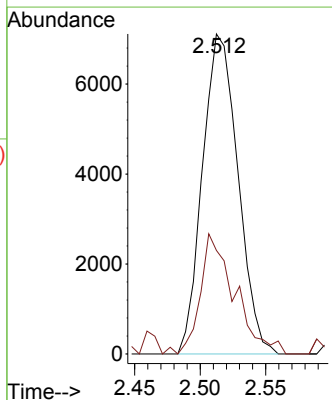
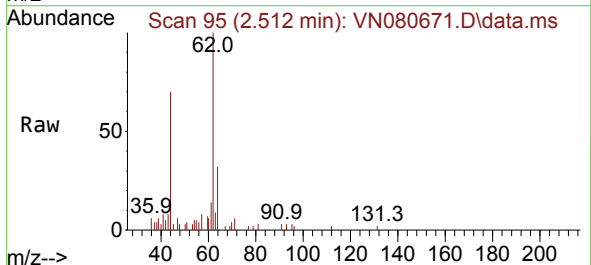


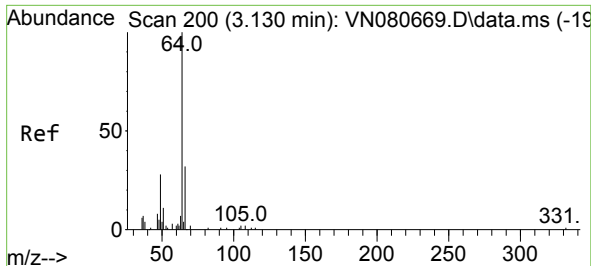
Tgt Ion: 50 Resp: 19248
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0



#4
Vinyl Chloride
Concen: 5.215 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 62 Resp: 13399
Ion Ratio Lower Upper
62 100
64 32.3 24.1 36.1

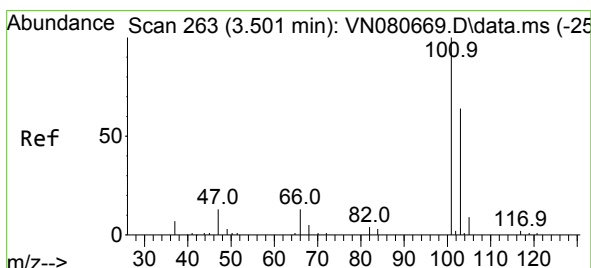
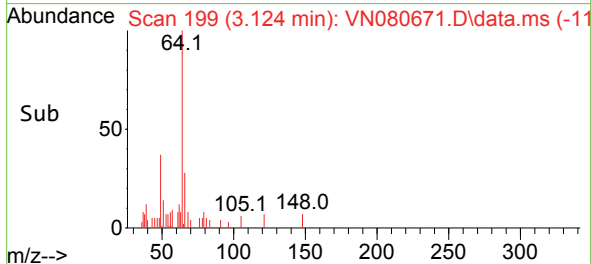
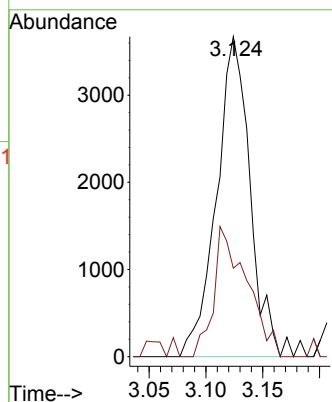
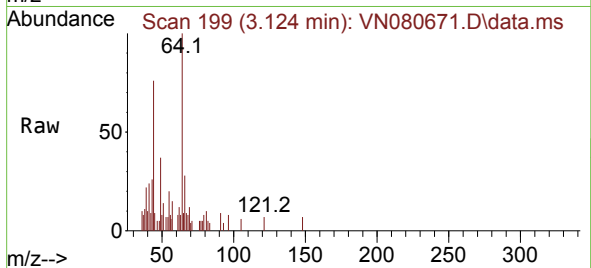




#6
Chloroethane
Concen: 5.371 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

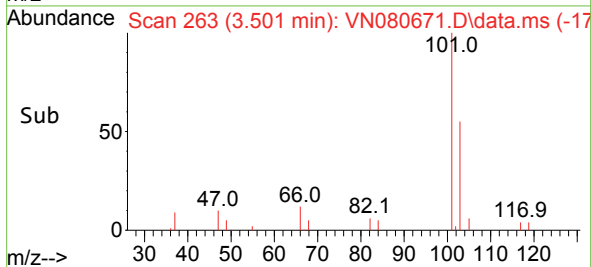
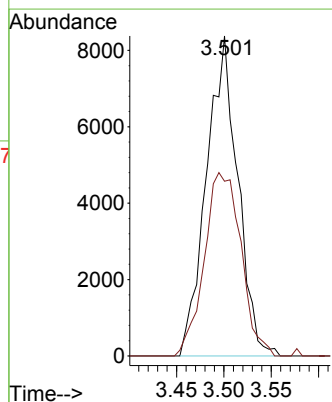
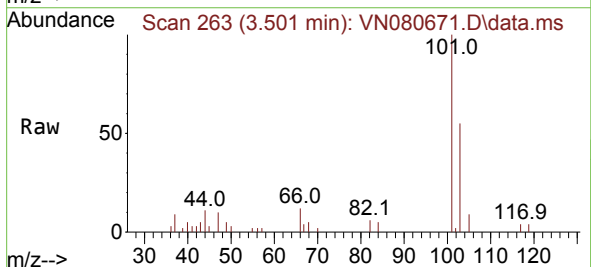
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MSVOA_N
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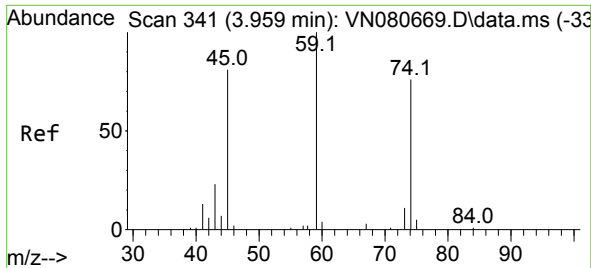
Tgt Ion: 64 Resp: 7461
Ion Ratio Lower Upper
64 100
66 27.7 26.7 40.1



#7
Trichlorofluoromethane
Concen: 5.019 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

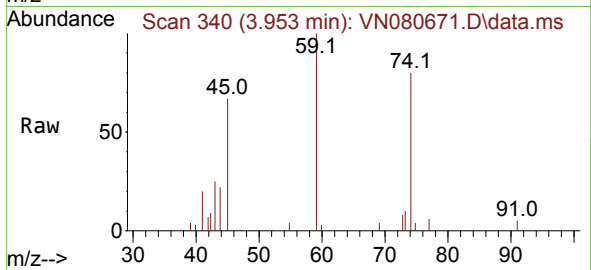
Tgt Ion:101 Resp: 19264
Ion Ratio Lower Upper
101 100
103 54.6 53.0 79.4



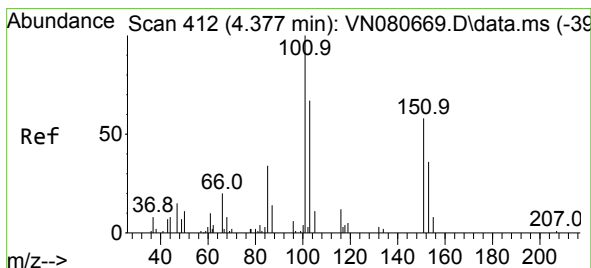
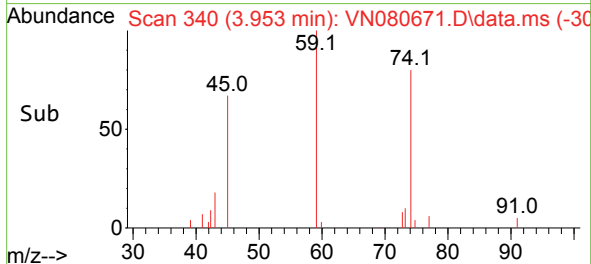
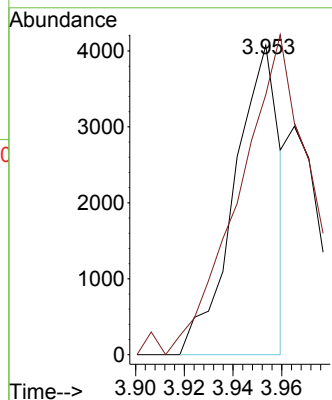


#8
Diethyl Ether
Concen: 3.114 ug/l
RT: 3.953 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
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ClientSampleId :

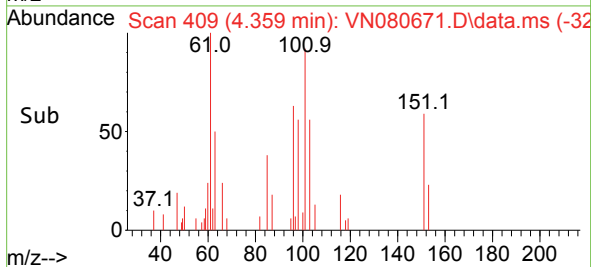
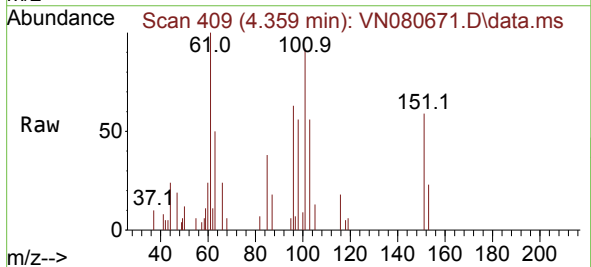
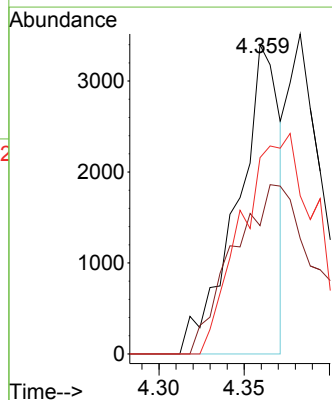


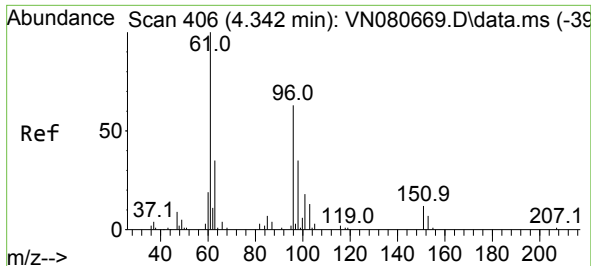
Tgt Ion: 74 Resp: 5256
Ion Ratio Lower Upper
74 100
45 164.7 16.4 147.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.659 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.018 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

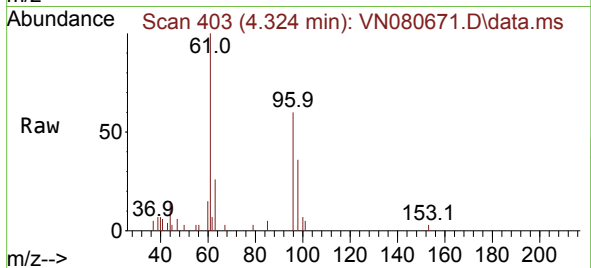
Tgt Ion: 101 Resp: 5881
Ion Ratio Lower Upper
101 100
85 104.8 0.0 90.6#
151 70.0 0.0 157.6



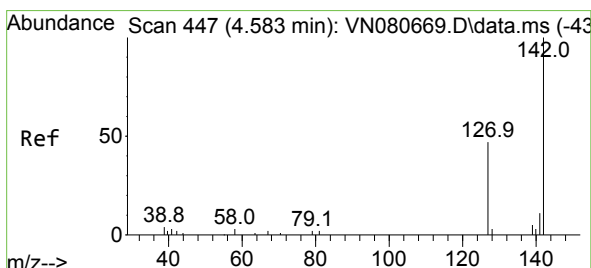
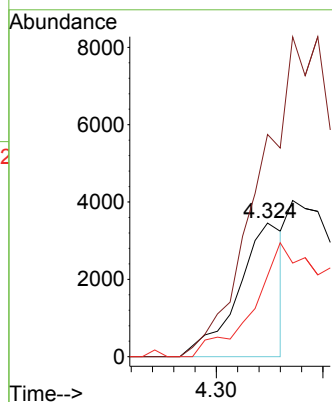
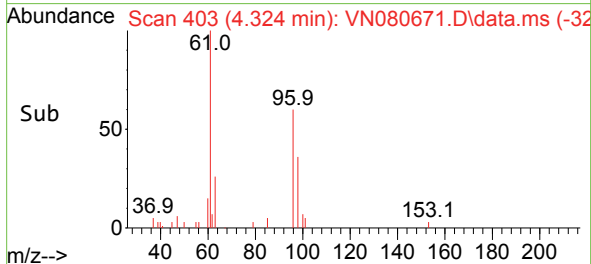


#10
1,1-Dichloroethene
Concen: 2.119 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :

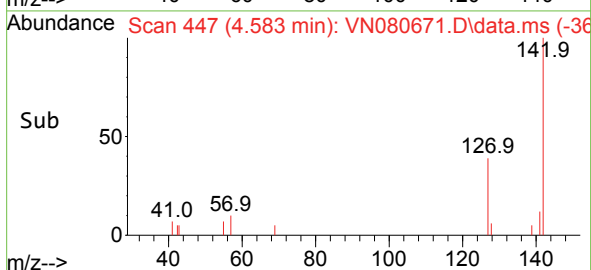
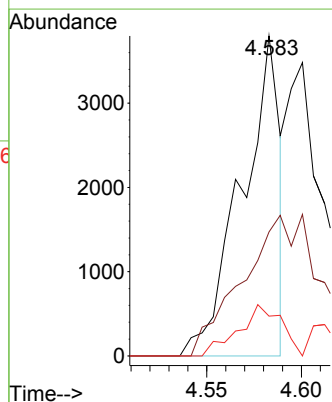
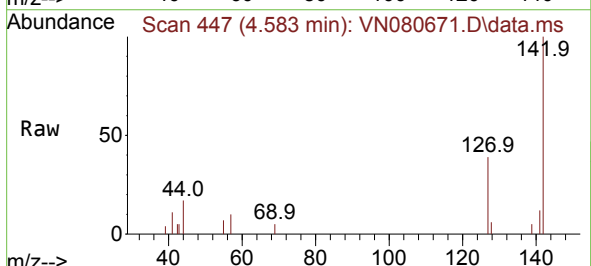


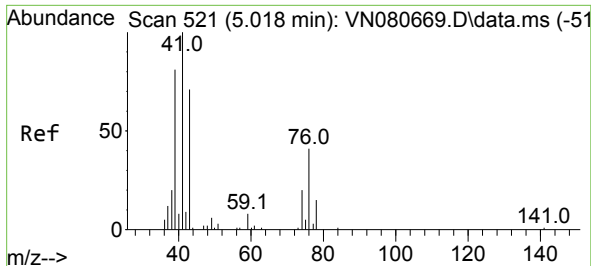
Tgt Ion: 96 Resp: 5046
Ion Ratio Lower Upper
96 100
61 178.3 117.6 176.4#
98 60.6 48.4 72.6



#11
Methyl Iodide
Concen: 2.654 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 142 Resp: 5378
Ion Ratio Lower Upper
142 100
127 25.6 26.3 78.9#
141 9.3 8.3 24.9

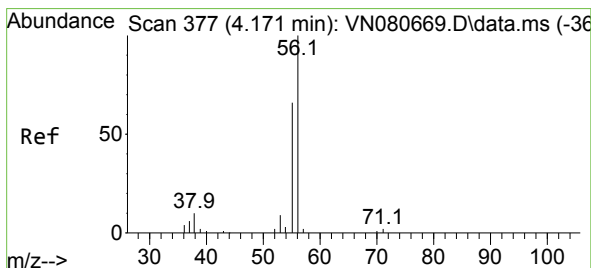
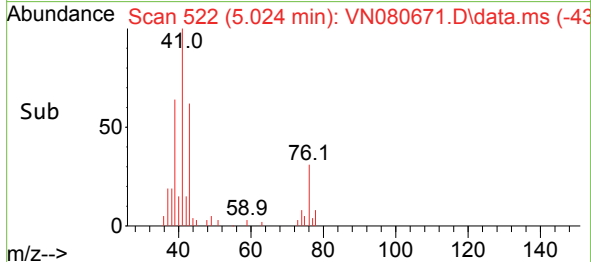
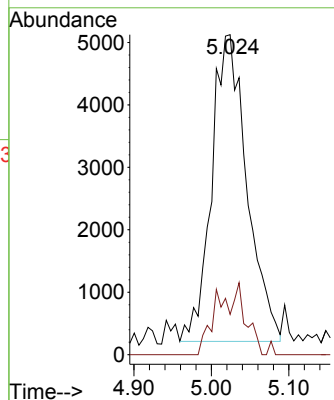
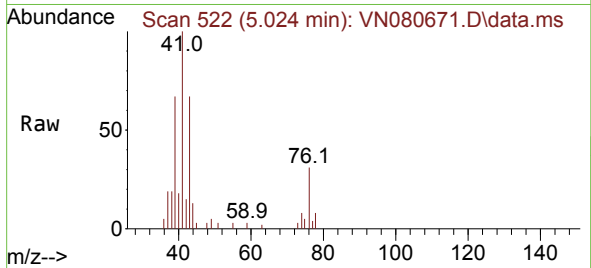




#12
Methyl Acetate
Concen: 5.538 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

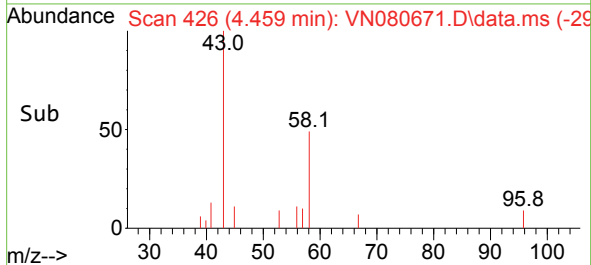
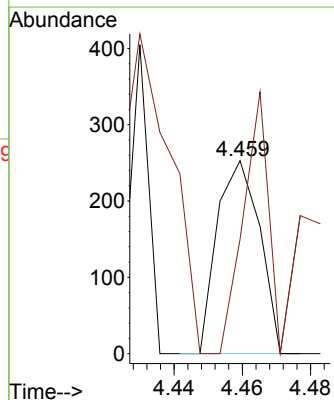
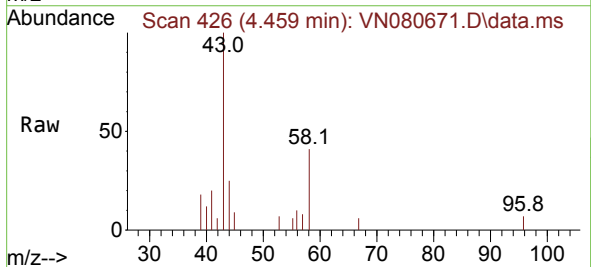
Instrument :
MSVOA_N
ClientSampleId :

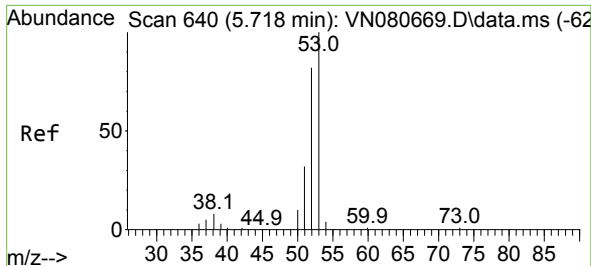
Tgt Ion: 43 Resp: 15566
Ion Ratio Lower Upper
43 100
74 13.3 27.7 41.5#



#13
Acrolein
Concen: 0.585 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.288 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
55 79.5 55.5 83.3

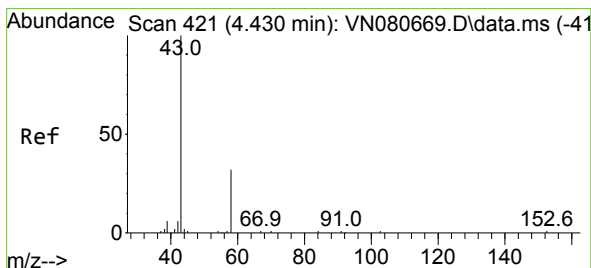
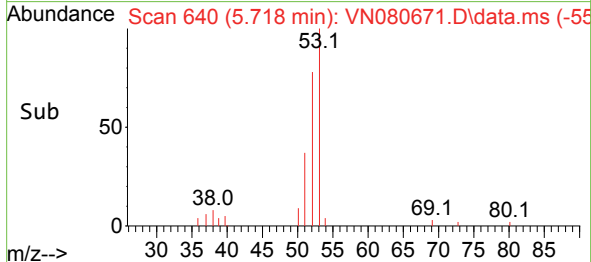
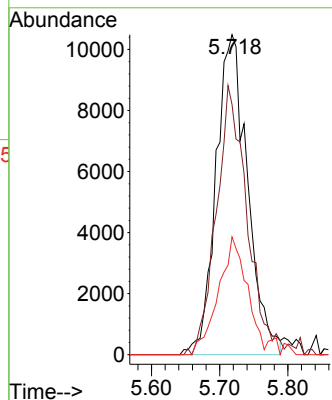
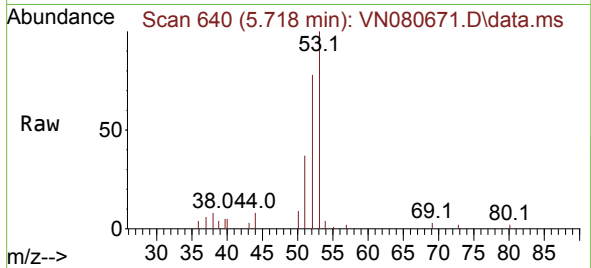




#14
Acrylonitrile
Concen: 26.630 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

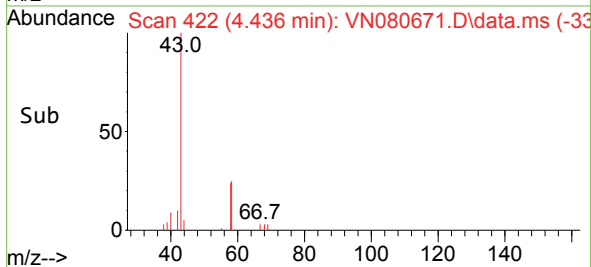
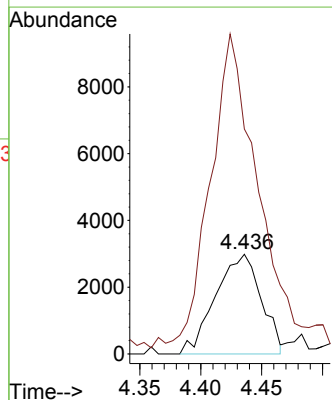
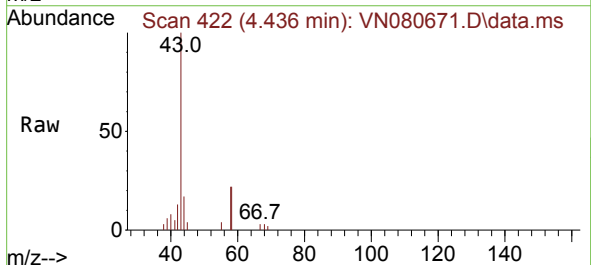
Instrument :
MSVOA_N
ClientSampleId :

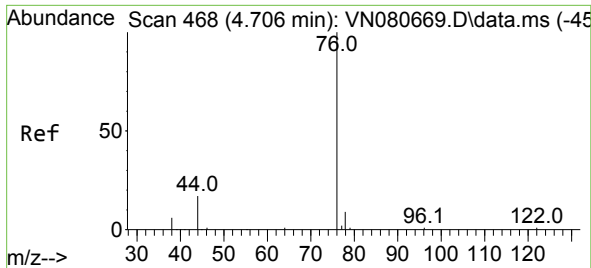
Tgt Ion: 53 Resp: 33732
Ion Ratio Lower Upper
53 100
52 80.0 41.3 123.9
51 33.4 16.8 50.3



#15
Acetone
Concen: 27.125 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 58 Resp: 7791
Ion Ratio Lower Upper
58 100
43 206.8 223.1 334.7#

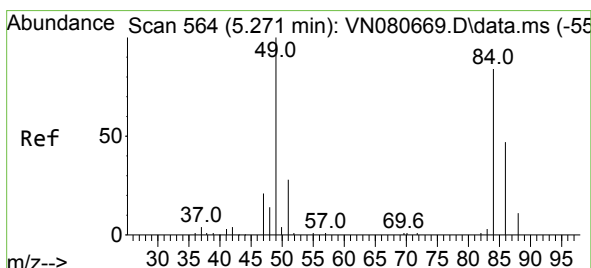
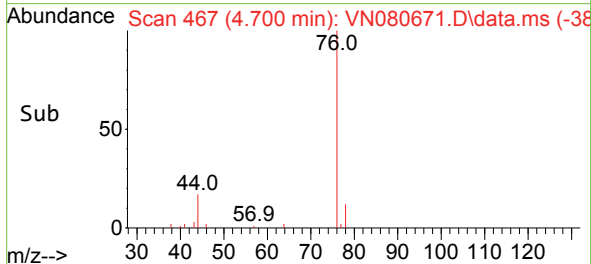
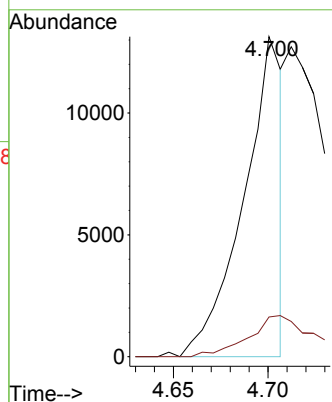
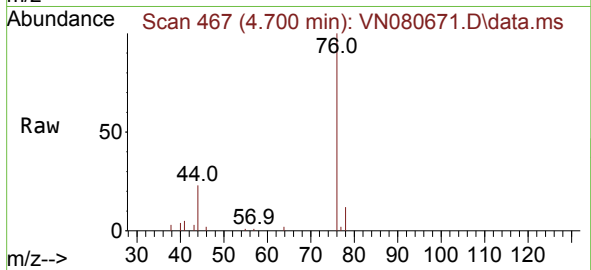




#16
Carbon Disulfide
Concen: 2.551 ug/l
RT: 4.700 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

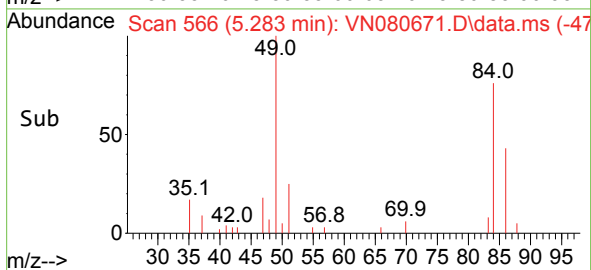
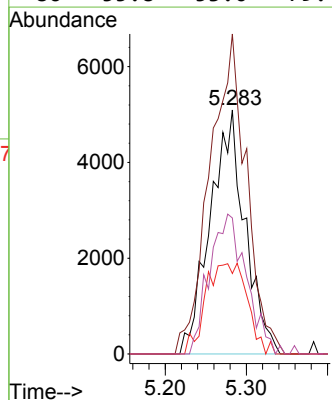
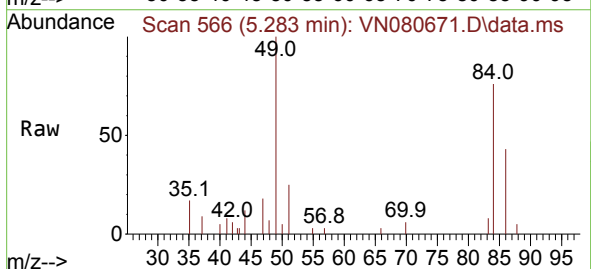
Instrument :
MSVOA_N
ClientSampleId :

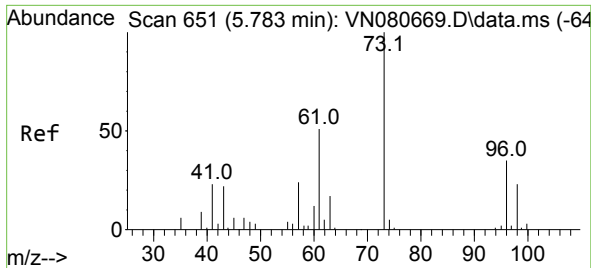
Tgt Ion: 76 Resp: 18775
Ion Ratio Lower Upper
76 100
78 12.4 6.3 9.5#



#18
Methylene Chloride
Concen: 5.488 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

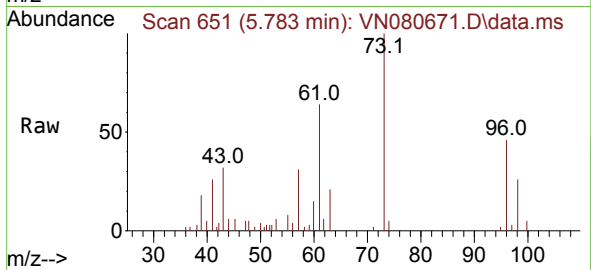
Tgt Ion: 84 Resp: 15152
Ion Ratio Lower Upper
84 100
49 128.0 86.0 129.0
51 33.0 30.0 45.0
86 55.8 53.0 79.4



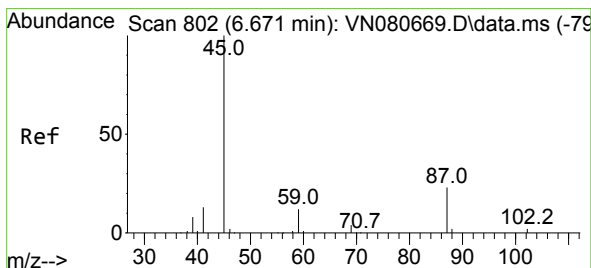
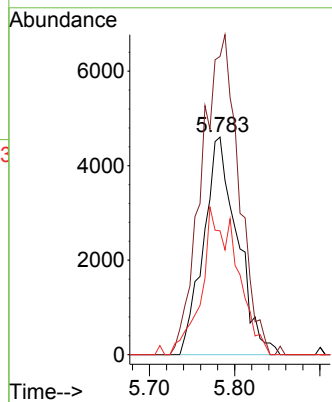
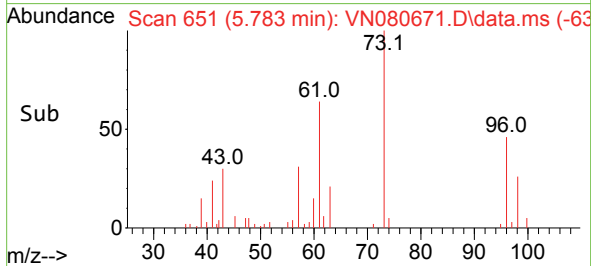


#19
trans-1,2-Dichloroethene
Concen: 5.072 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

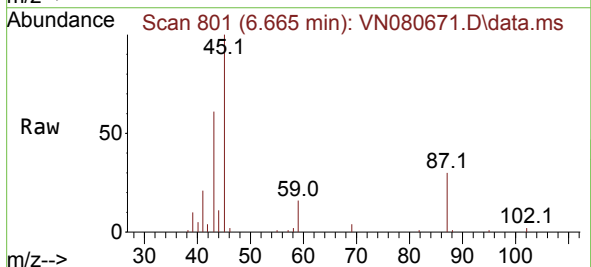
Instrument :
MSVOA_N
ClientSampleId :



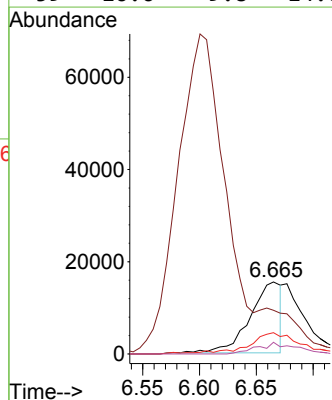
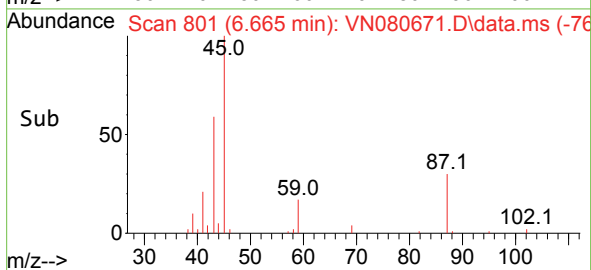
Tgt Ion: 96 Resp: 12669
Ion Ratio Lower Upper
96 100
61 133.1 111.8 167.6
98 56.9 49.2 73.8

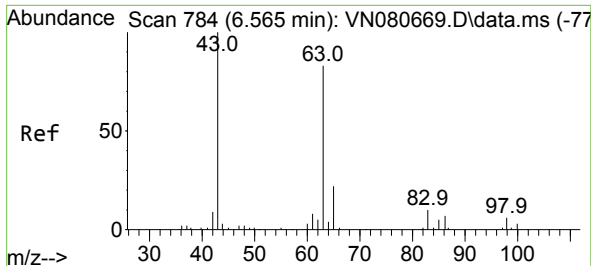


#20
Diisopropyl ether
Concen: 3.029 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



Tgt Ion: 45 Resp: 29547
Ion Ratio Lower Upper
45 100
43 4.0 40.4 60.6#
87 28.7 23.8 35.8
59 16.6 9.8 14.6#

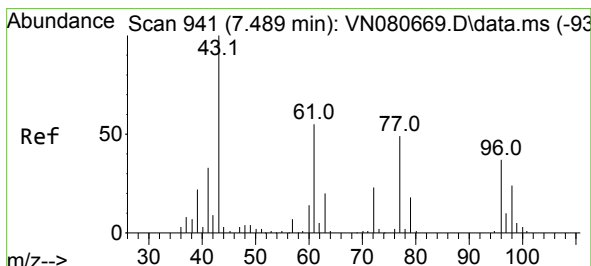
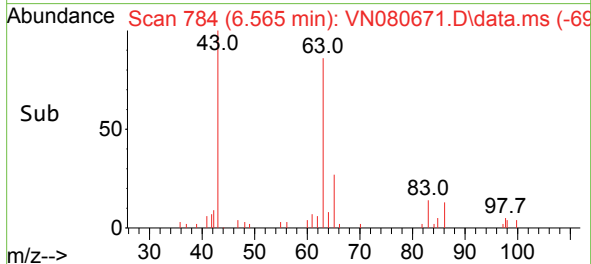
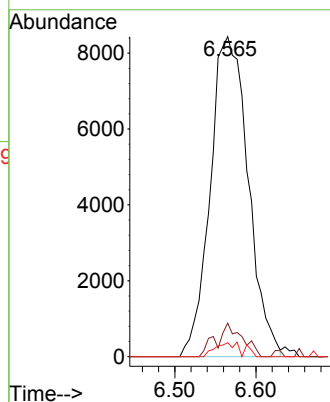
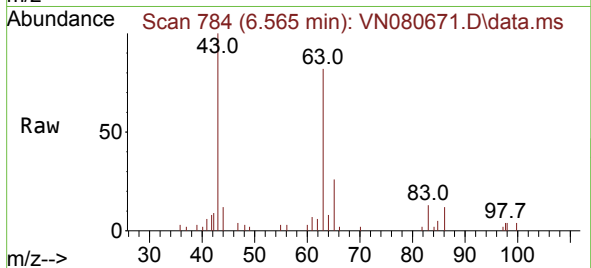




#21
1,1-Dichloroethane
Concen: 5.152 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

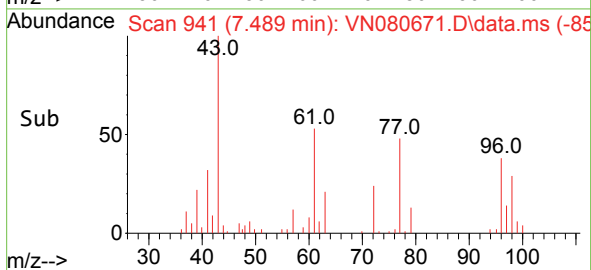
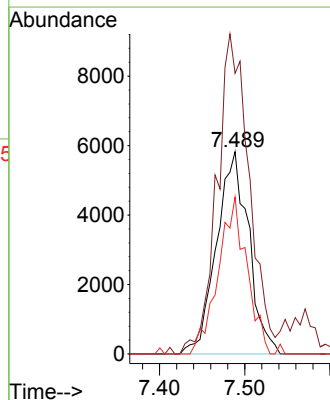
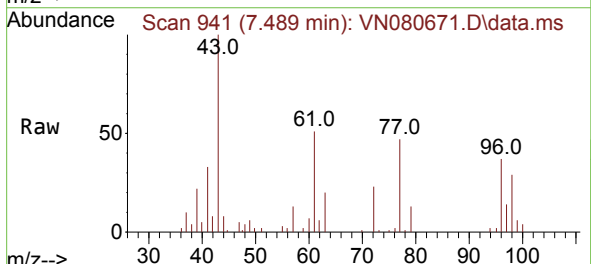
Instrument :
MSVOA_N
ClientSampleId :

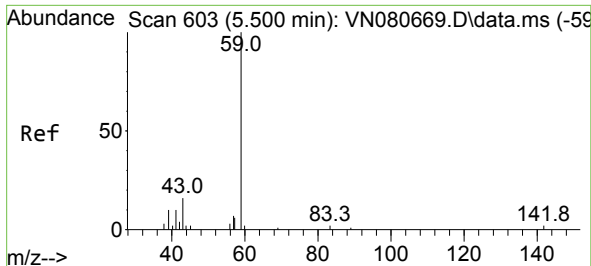
Tgt Ion: 63 Resp: 27309
Ion Ratio Lower Upper
63 100
98 10.5 4.1 12.3
100 4.4 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 5.211 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 96 Resp: 15235
Ion Ratio Lower Upper
96 100
61 156.4 113.5 170.3
98 69.1 52.0 78.0

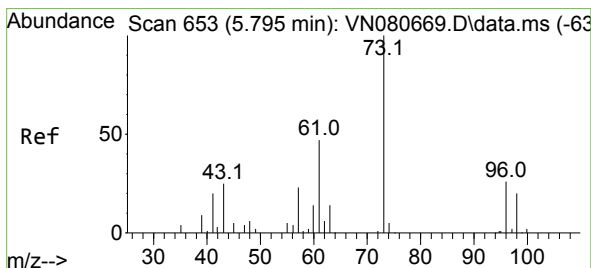
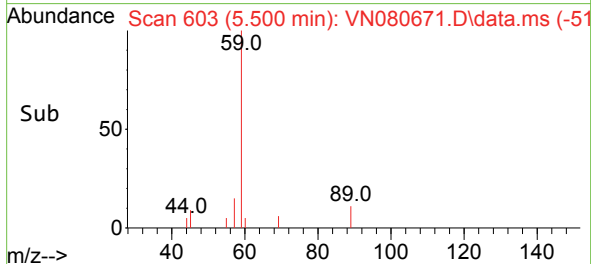
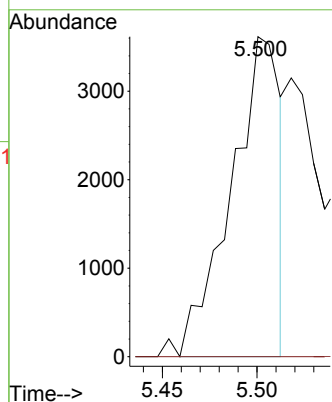
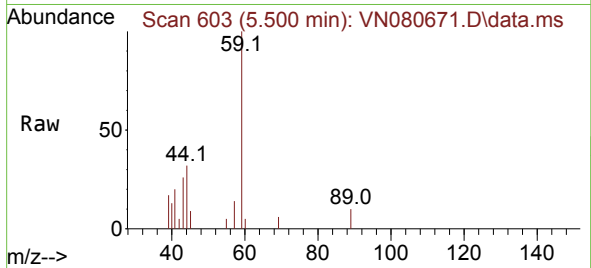




#23
tert-Butyl Alcohol
Concen: 14.907 ug/l
RT: 5.500 min Scan# 603
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

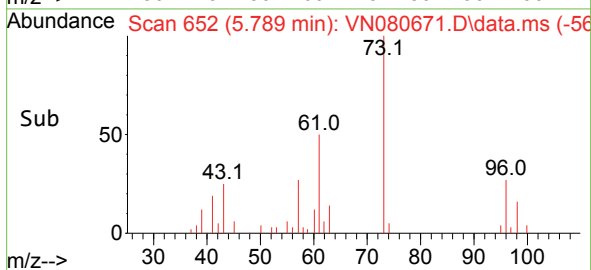
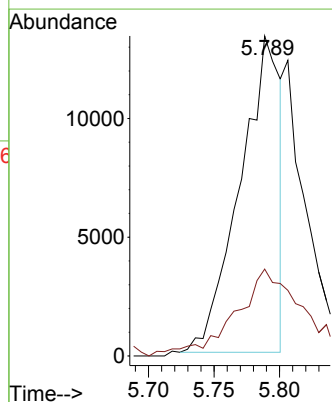
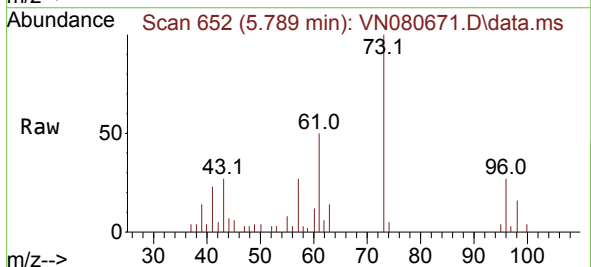
Instrument :
MSVOA_N
ClientSampleId :

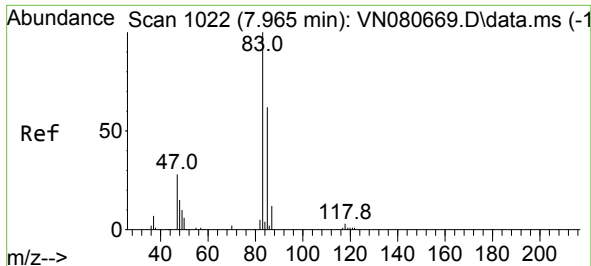
Tgt Ion: 59 Resp: 6514
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 3.297 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 73 Resp: 28324
Ion Ratio Lower Upper
73 100
43 33.9 13.4 20.2#

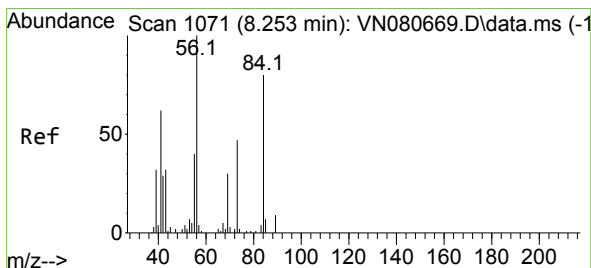
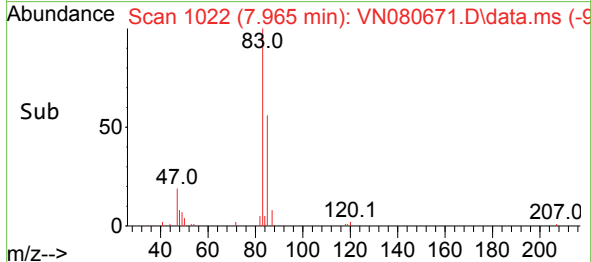
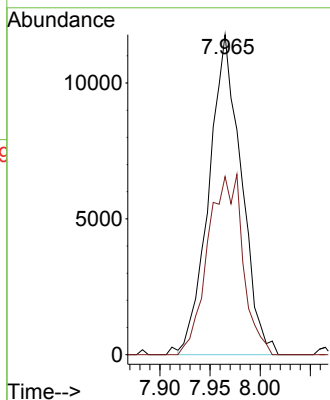
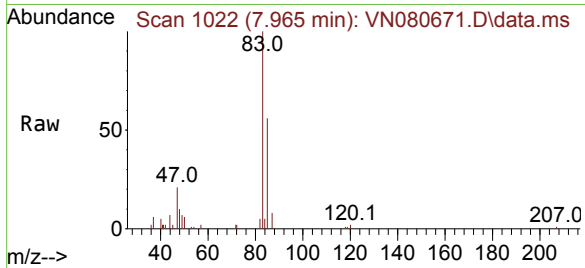




#25
Chloroform
Concen: 5.354 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

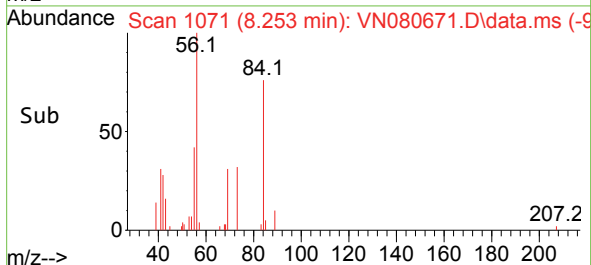
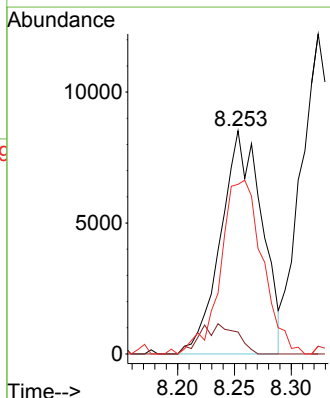
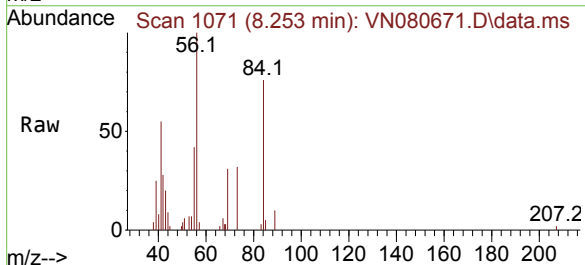
Instrument :
MSVOA_N
ClientSampleId :

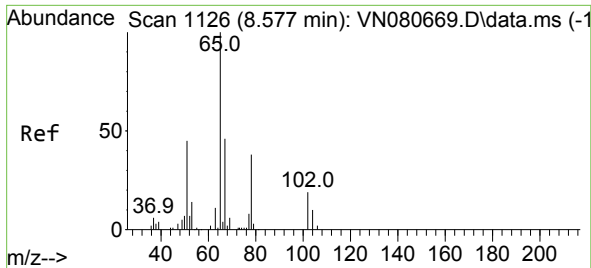
Tgt Ion: 83 Resp: 26420
Ion Ratio Lower Upper
83 100
85 55.7 50.9 76.3



#26
Cyclohexane
Concen: 5.141 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 56 Resp: 21428
Ion Ratio Lower Upper
56 100
89 7.3 19.3 28.9#
84 75.7 71.3 106.9

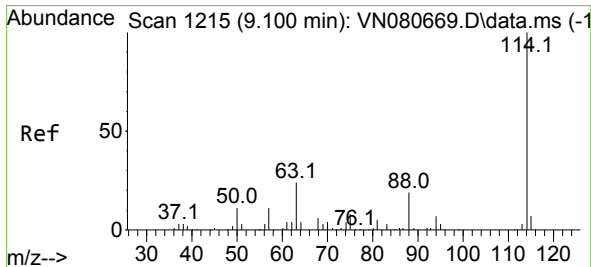
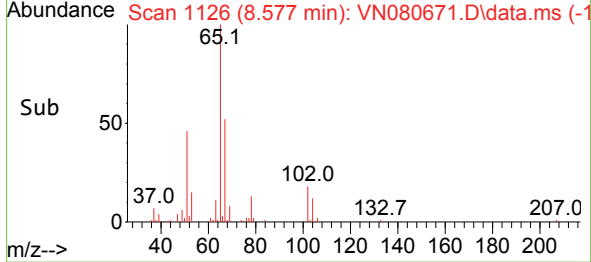
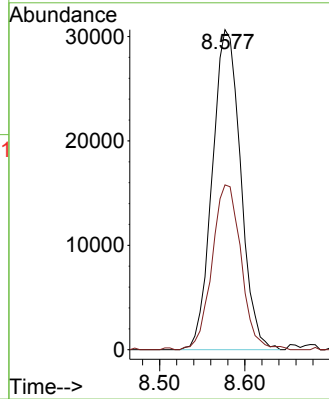
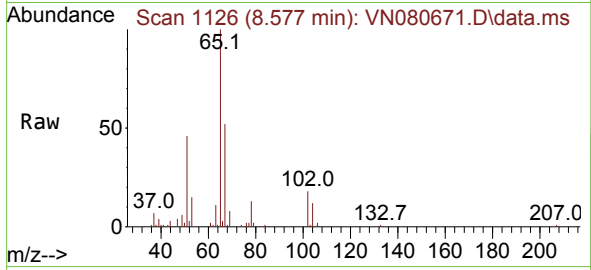




#27
1,2-Dichloroethane-d4
Concen: 30.073 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

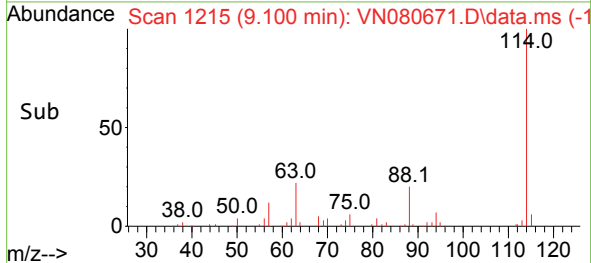
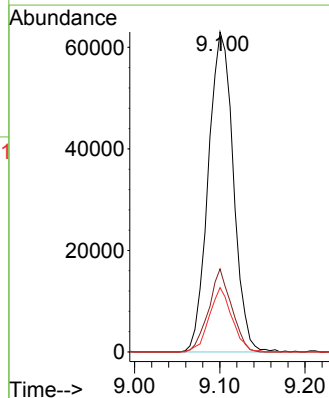
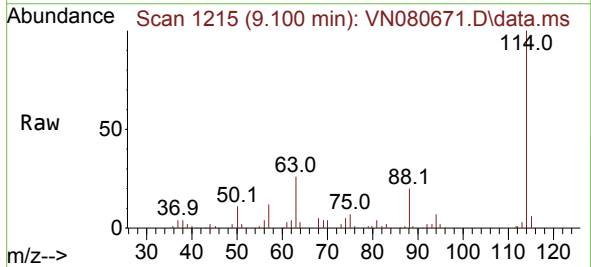
Instrument :
MSVOA_N
ClientSampleId :

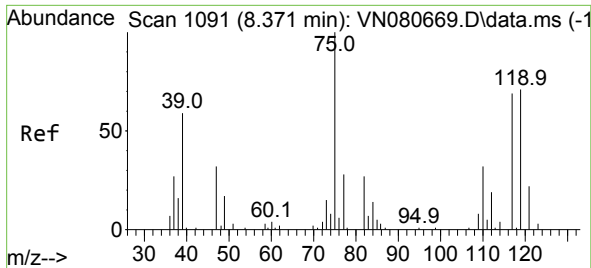
Tgt Ion: 65 Resp: 70851
Ion Ratio Lower Upper
65 100
67 52.4 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 114 Resp: 128642
Ion Ratio Lower Upper
114 100
63 23.8 15.9 23.9
88 18.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 5.023 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

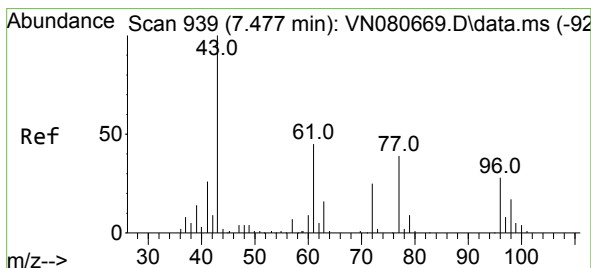
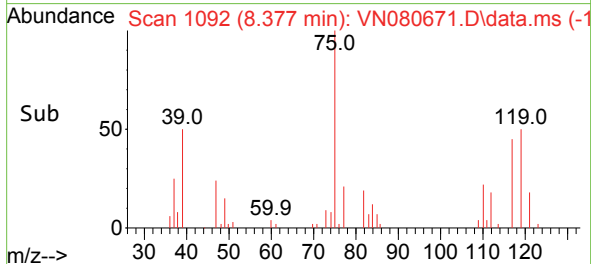
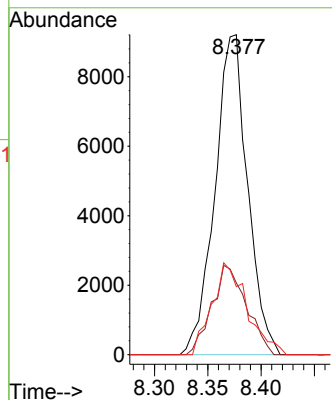
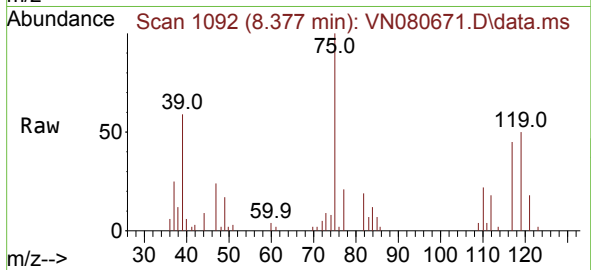
Tgt Ion: 75 Resp: 19644

Ion Ratio Lower Upper

75 100

110 29.5 0.0 70.2

77 30.7 0.0 61.4



#30

2-Butanone

Concen: 25.946 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

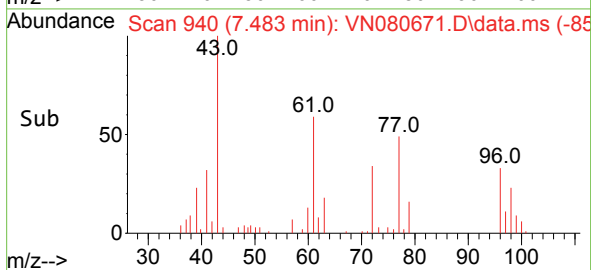
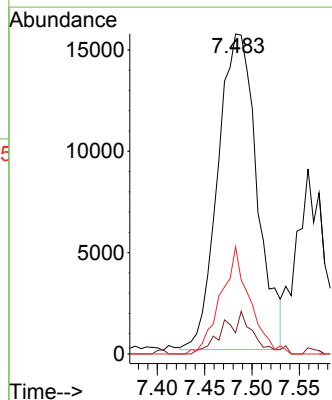
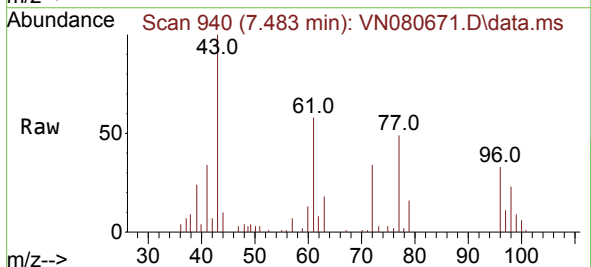
Tgt Ion: 43 Resp: 44897

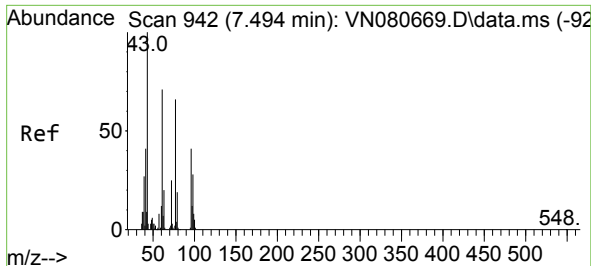
Ion Ratio Lower Upper

43 100

57 4.9 6.7 10.1#

72 24.7 24.0 36.0

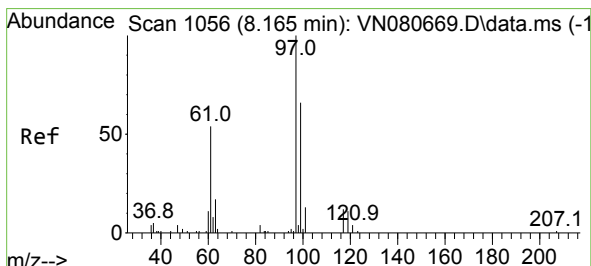
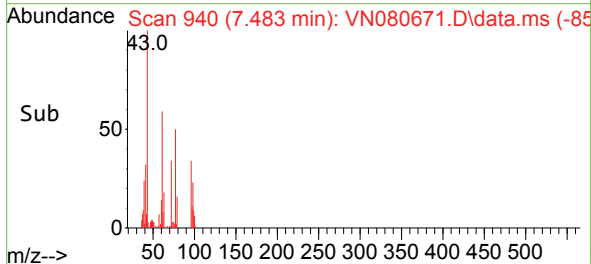
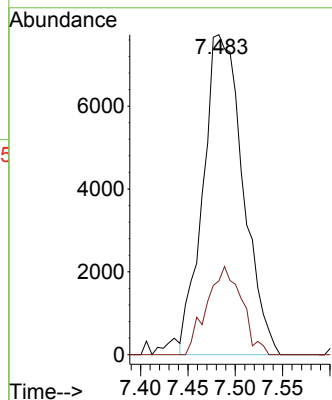
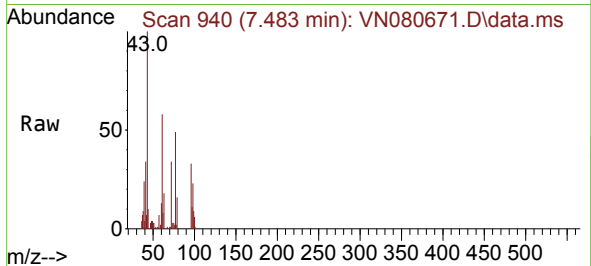




#31
2,2-Dichloropropane
Concen: 4.832 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.011 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

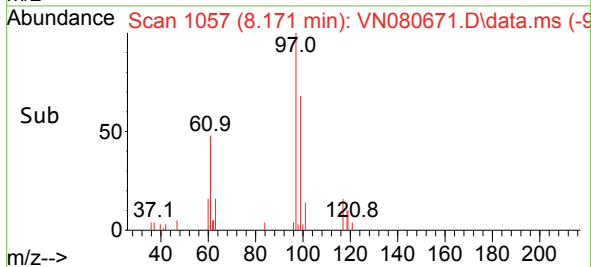
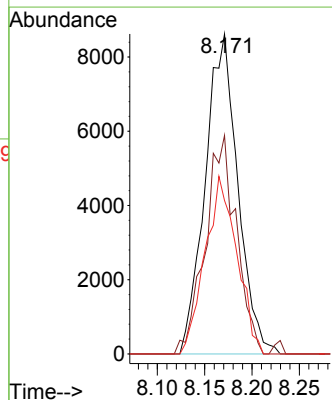
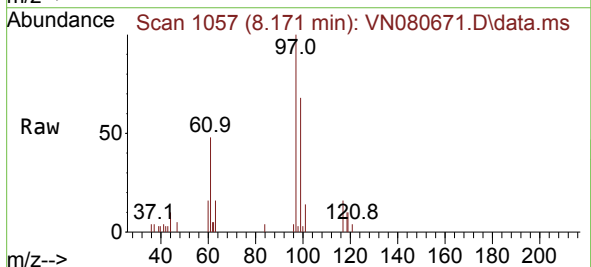
Instrument :
MSVOA_N
ClientSampleId :

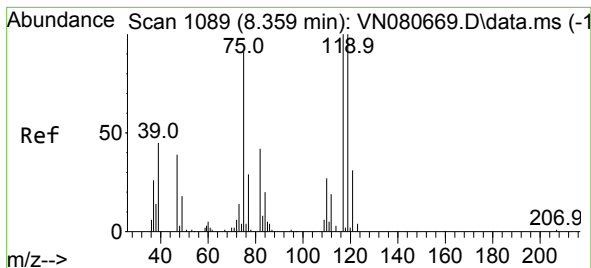
Tgt Ion: 77 Resp: 22699
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 4.803 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 97 Resp: 20668
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 54.1 33.8 50.8#





#33

Carbon Tetrachloride

Concen: 4.790 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. 0.000 min

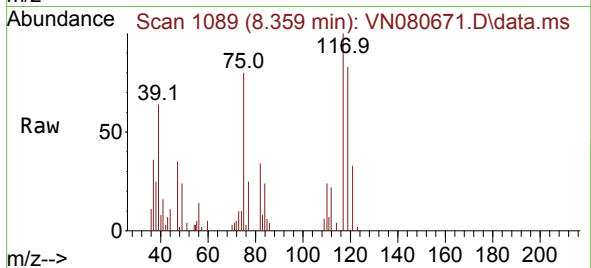
Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :



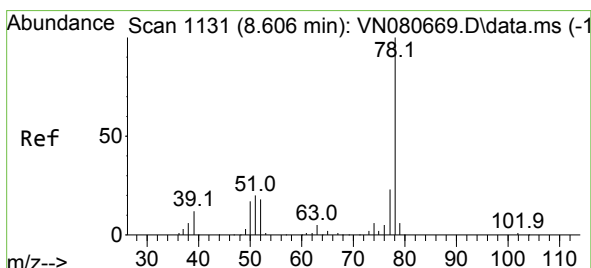
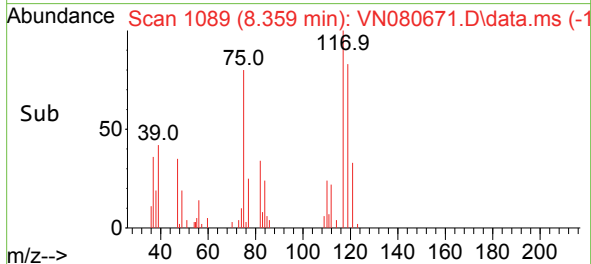
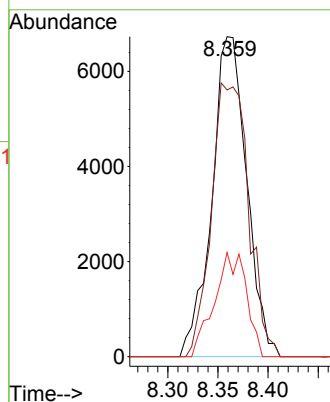
Tgt Ion:117 Resp: 16278

Ion Ratio Lower Upper

117 100

119 83.3 77.7 116.5

121 32.5 27.0 40.6



#34

Benzene

Concen: 5.074 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

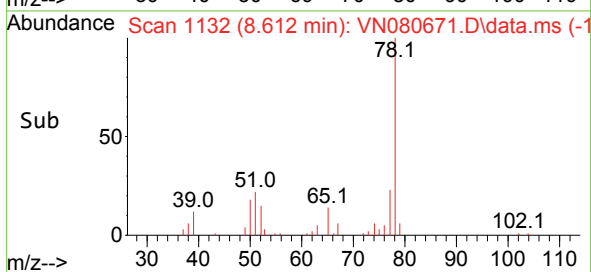
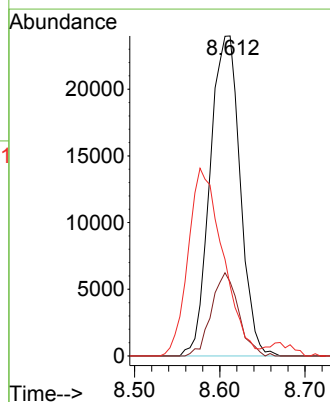
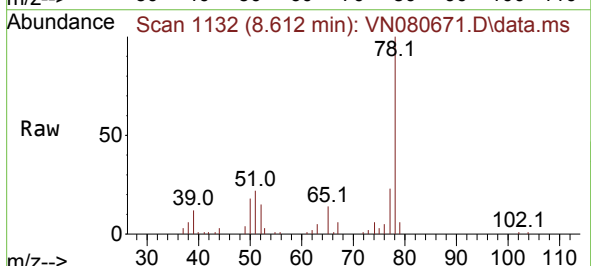
Tgt Ion: 78 Resp: 58849

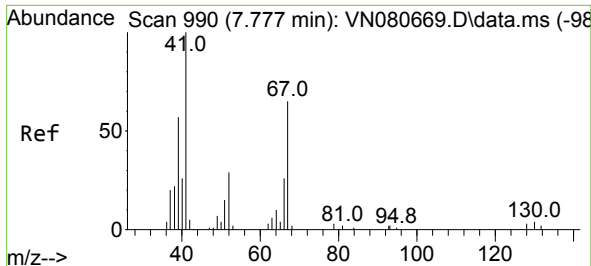
Ion Ratio Lower Upper

78 100

77 23.1 19.2 28.8

51 17.7 13.3 19.9



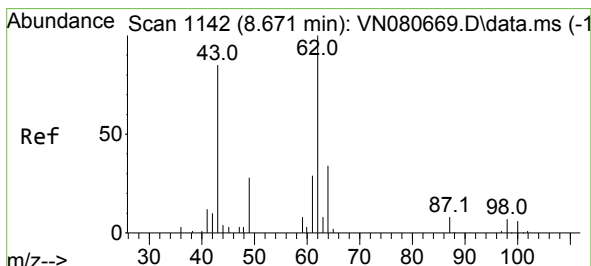
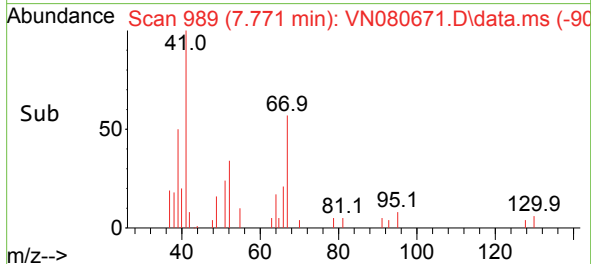
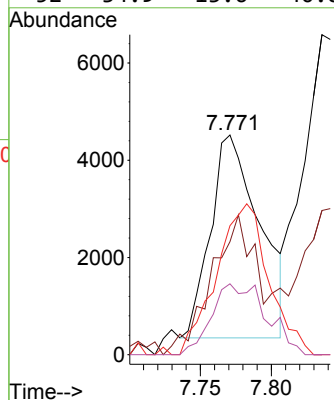
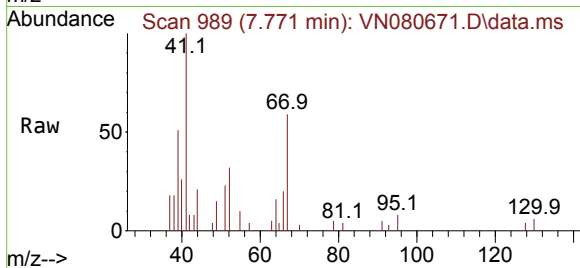


#35
Methacrylonitrile
Concen: 4.616 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 10024

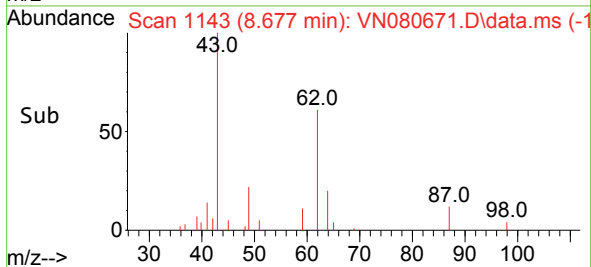
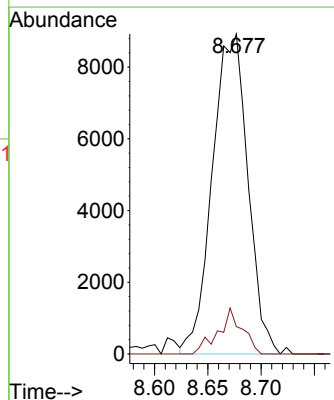
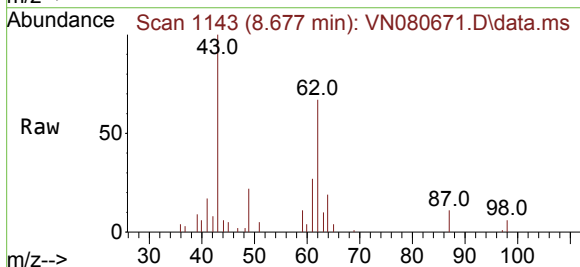
Ion	Ratio	Lower	Upper
41	100		
39	45.4	25.3	75.9
67	63.5	38.7	116.1
52	34.9	13.6	40.8

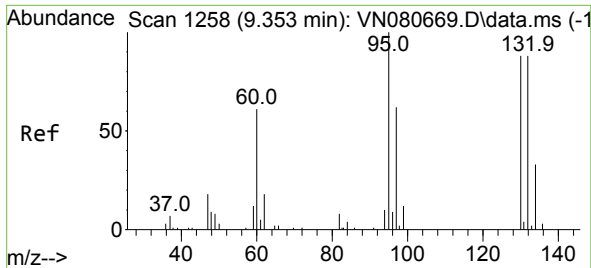


#36
1,2-Dichloroethane
Concen: 4.842 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 62 Resp: 20650

Ion	Ratio	Lower	Upper
62	100		
98	9.6	8.2	12.4

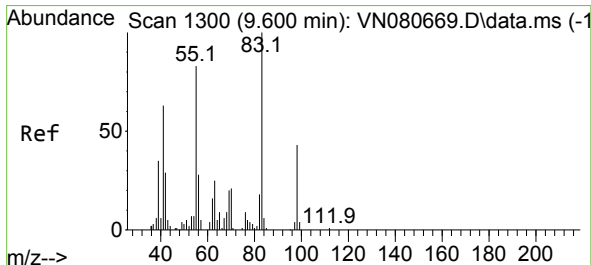
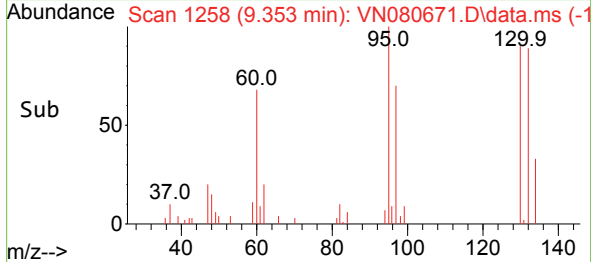
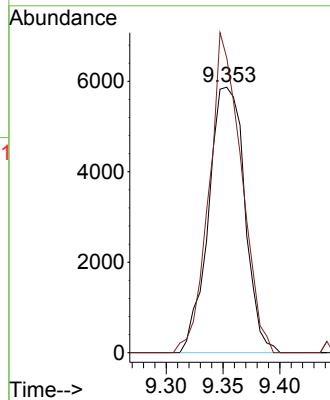
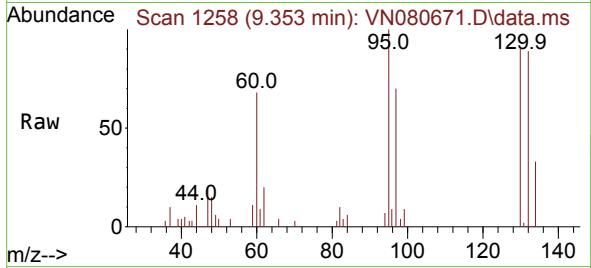




#37
Trichloroethene
Concen: 5.134 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

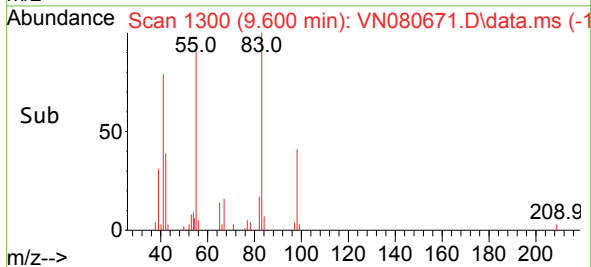
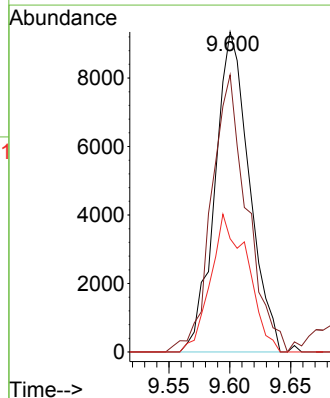
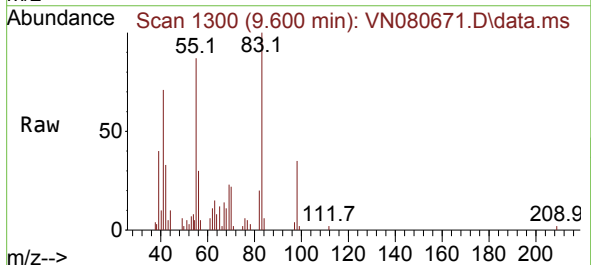
Instrument :
MSVOA_N
ClientSampleId :

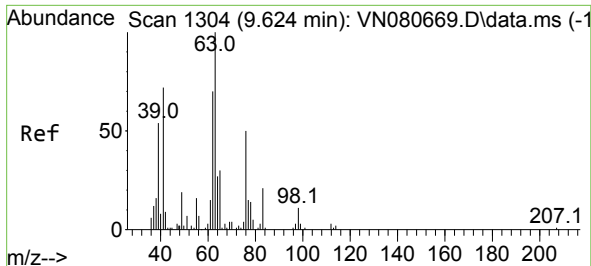
Tgt Ion:130 Resp: 12988
Ion Ratio Lower Upper
130 100
95 111.0 80.2 120.4



#38
Methylcyclohexane
Concen: 4.828 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 83 Resp: 18392
Ion Ratio Lower Upper
83 100
55 89.1 36.6 109.9
98 32.0 23.8 71.5





#39

1,2-Dichloropropane

Concen: 4.982 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

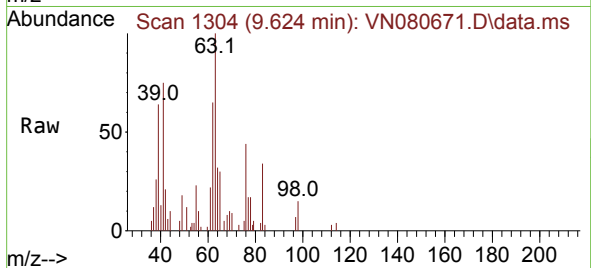
Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

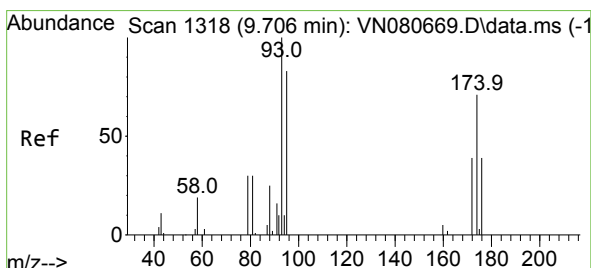
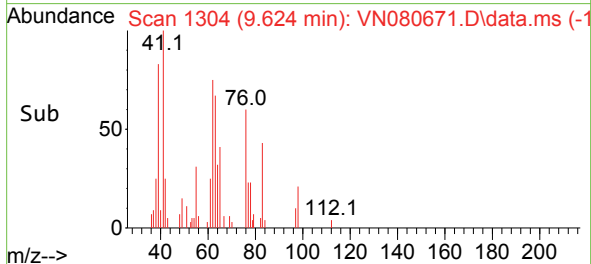
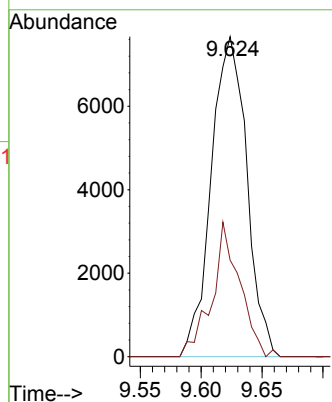


Tgt Ion: 63 Resp: 15576

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#40

Dibromomethane

Concen: 5.196 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

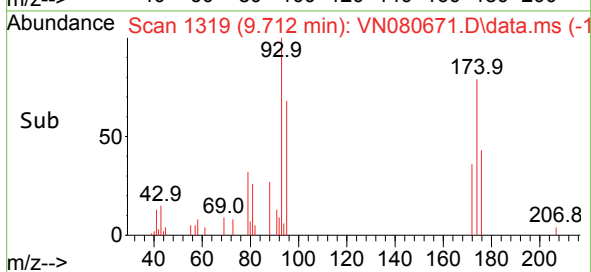
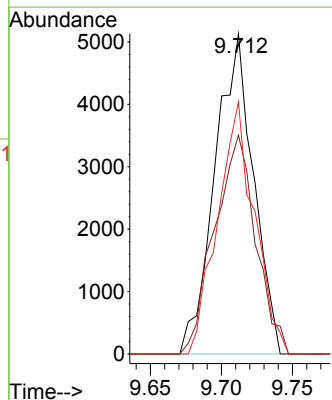
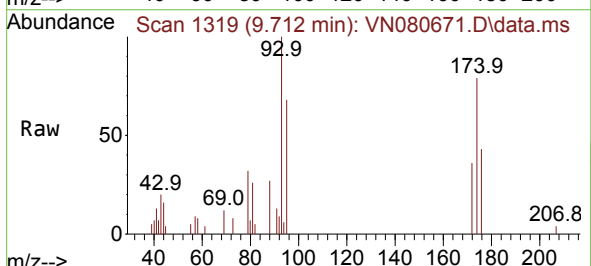
Tgt Ion: 93 Resp: 9665

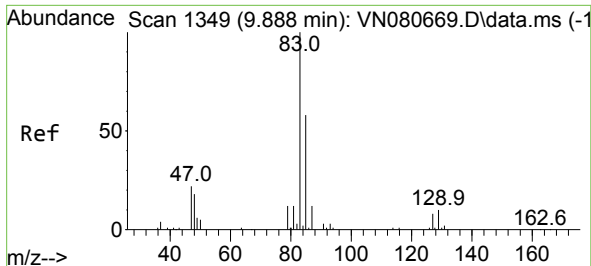
Ion Ratio Lower Upper

93 100

95 73.2 0.0 164.6

174 75.2 0.0 193.2

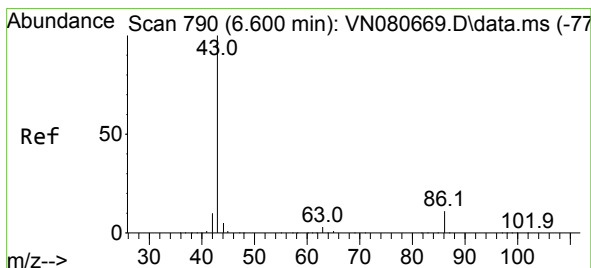
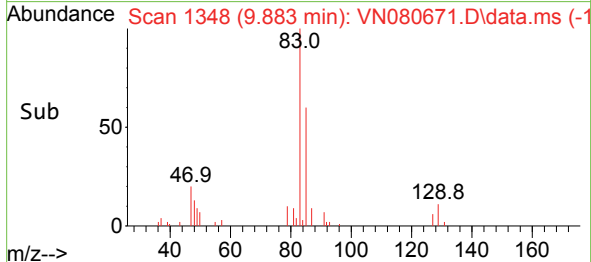
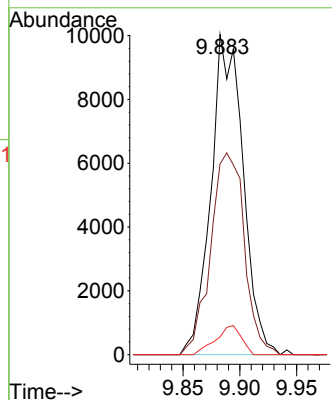
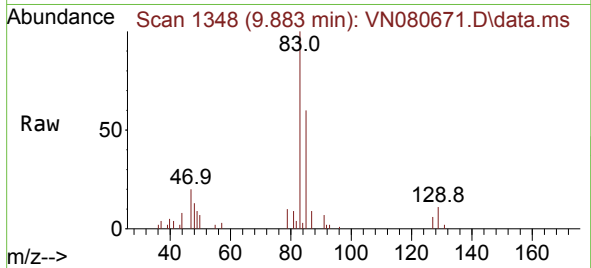




#41
Bromodichloromethane
Concen: 4.838 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

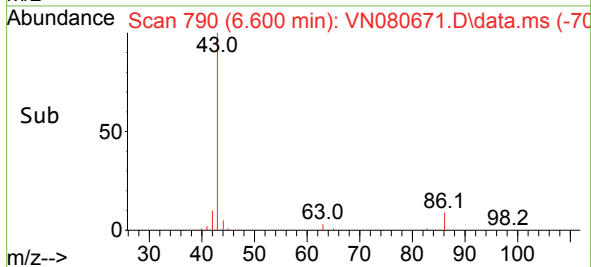
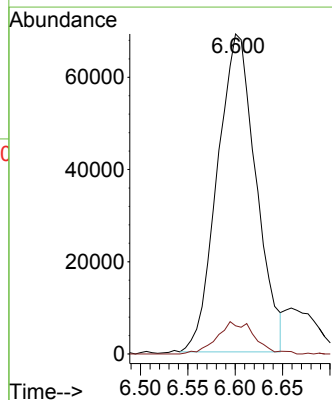
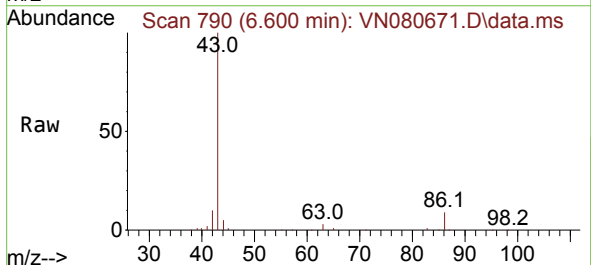
Instrument :
MSVOA_N
ClientSampleId :

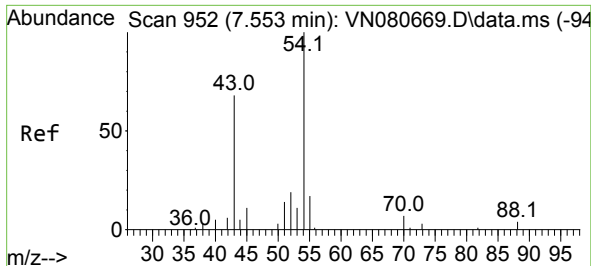
Tgt Ion: 83 Resp: 19692
Ion Ratio Lower Upper
83 100
85 59.6 49.4 74.2
127 5.6 7.3 10.9#



#42
Vinyl Acetate
Concen: 24.364 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 43 Resp: 195945
Ion Ratio Lower Upper
43 100
86 6.4 9.4 14.2#

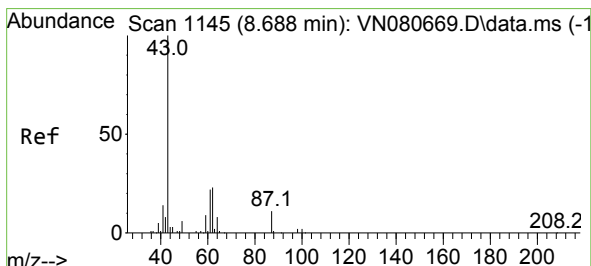
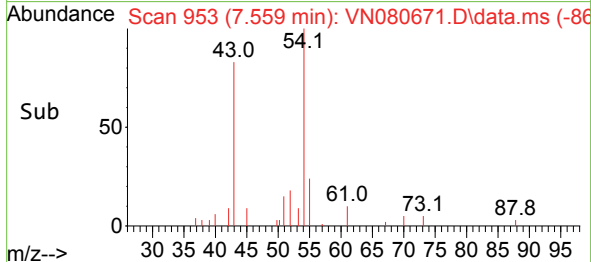
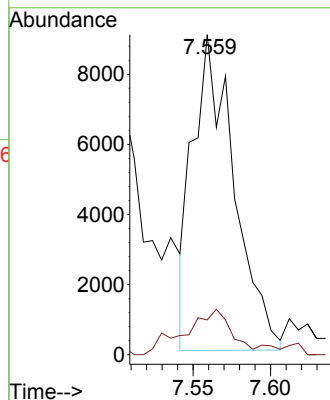
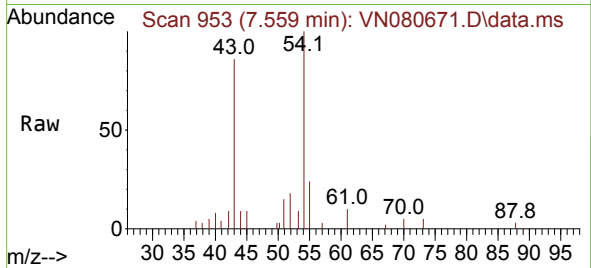




#43
Ethyl Acetate
Concen: 4.562 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

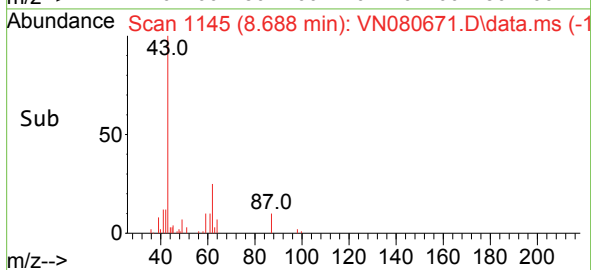
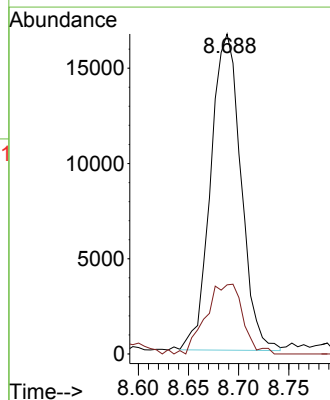
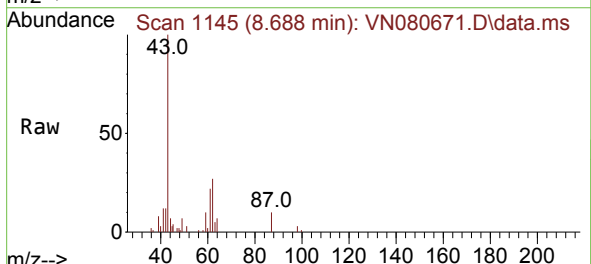
Instrument :
MSVOA_N
ClientSampleId :

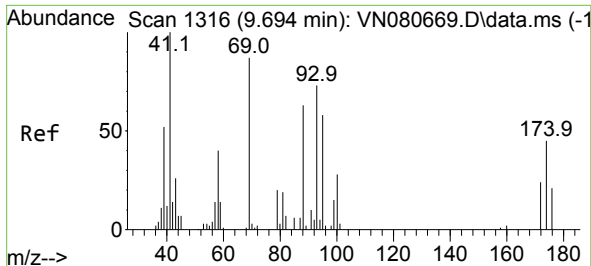
Tgt Ion: 43 Resp: 16577
Ion Ratio Lower Upper
43 100
45 12.5 10.6 15.8



#44
Isopropyl Acetate
Concen: 5.028 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 43 Resp: 34875
Ion Ratio Lower Upper
43 100
61 13.2 25.0 37.4#

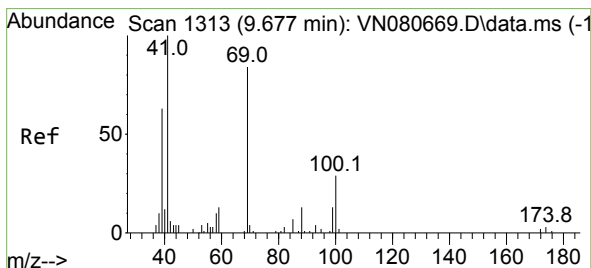
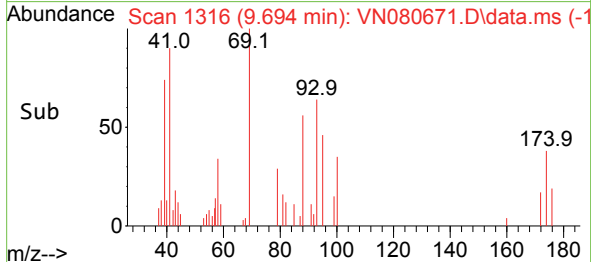
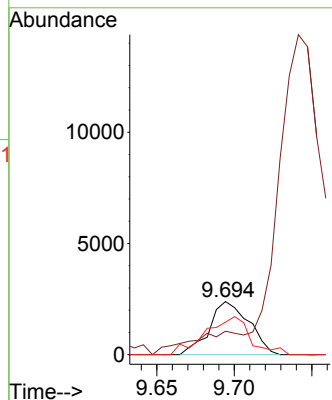
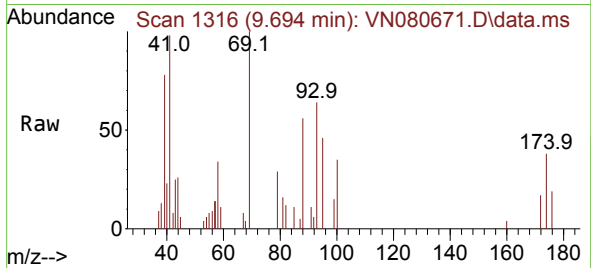




#45
1,4-Dioxane
Concen: 107.660 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

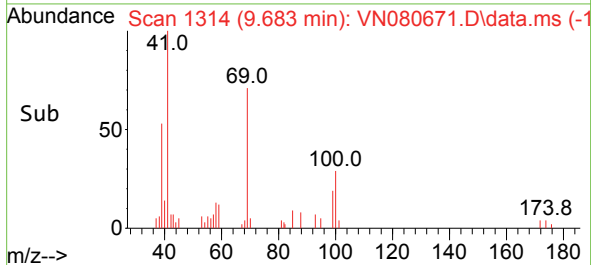
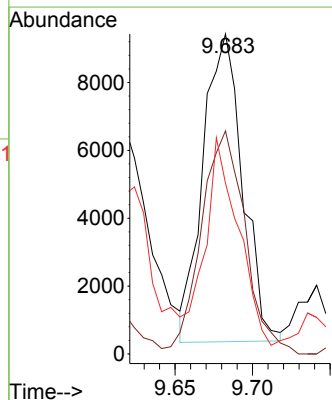
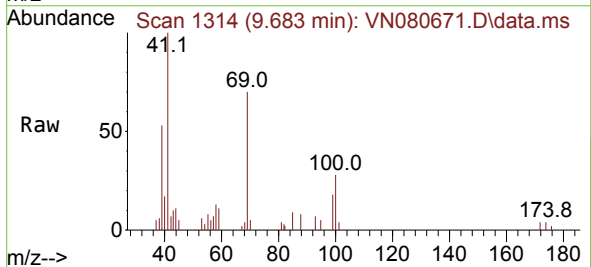
Instrument :
MSVOA_N
ClientSampleId :

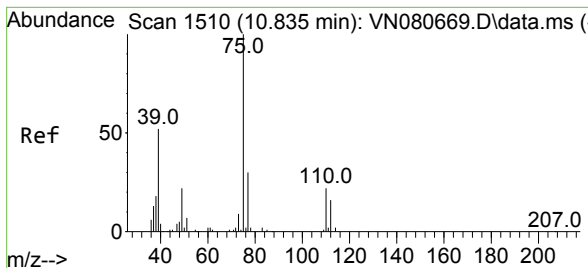
Tgt Ion: 88 Resp: 4247
Ion Ratio Lower Upper
88 100
43 59.5 19.8 29.6#
58 77.8 55.4 83.0



#46
Methyl methacrylate
Concen: 4.937 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 41 Resp: 16124
Ion Ratio Lower Upper
41 100
69 71.0 51.1 153.3
39 52.7 25.8 77.3





#48

t-1,3-Dichloropropene

Concen: 4.959 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

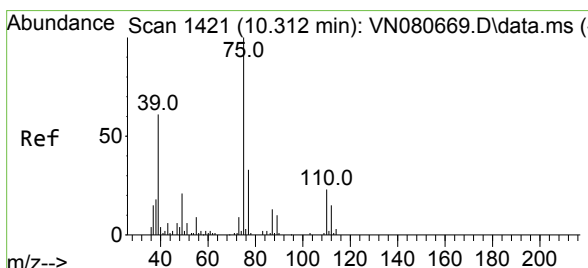
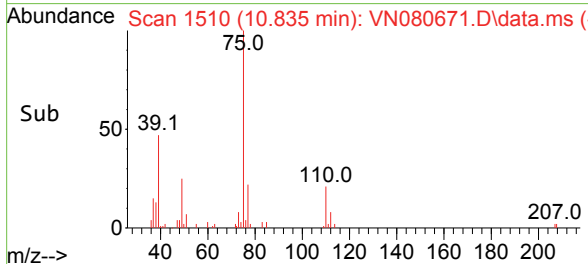
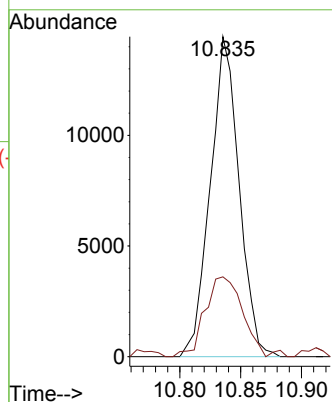
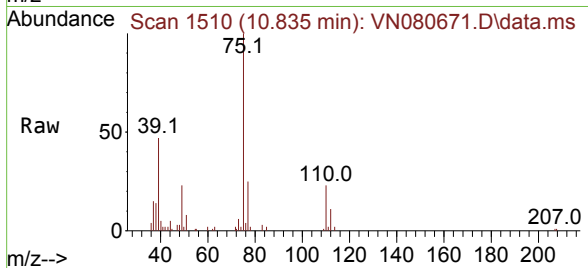
ClientSampleId :

Tgt Ion: 75 Resp: 23786

Ion Ratio Lower Upper

75 100

77 23.4 23.8 35.6#



#49

cis-1,3-Dichloropropene

Concen: 4.879 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

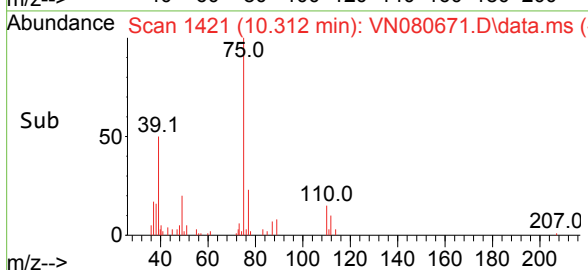
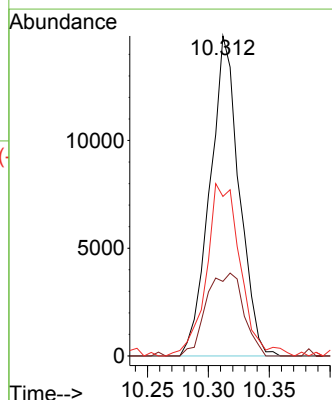
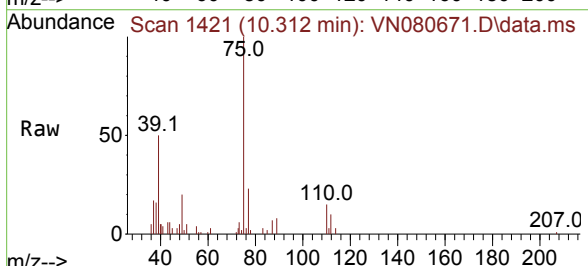
Tgt Ion: 75 Resp: 24838

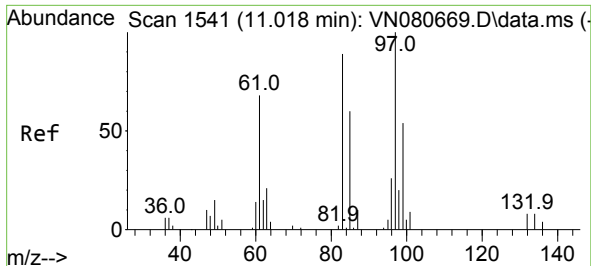
Ion Ratio Lower Upper

75 100

77 23.3 24.9 37.3#

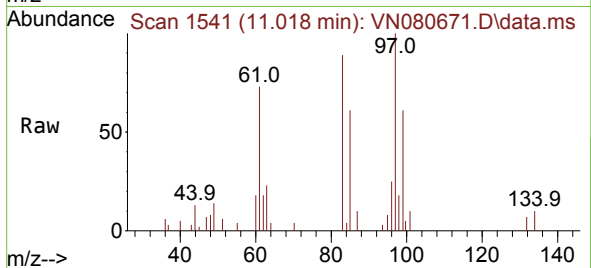
39 48.2 31.0 46.6#





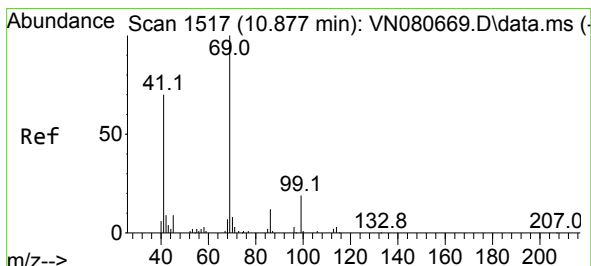
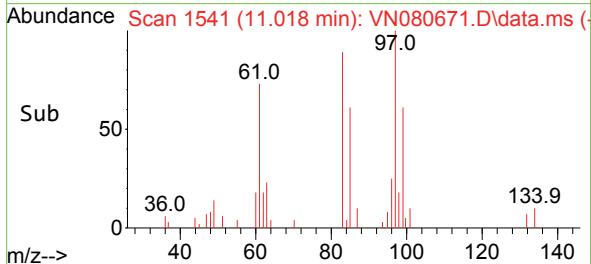
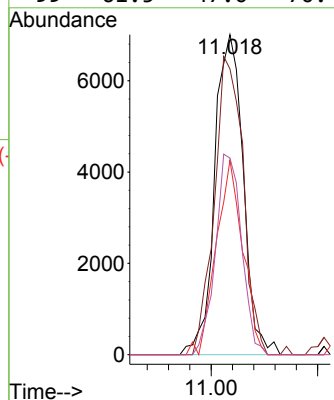
#50
1,1,2-Trichloroethane
Concen: 5.093 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 97 Resp: 13011

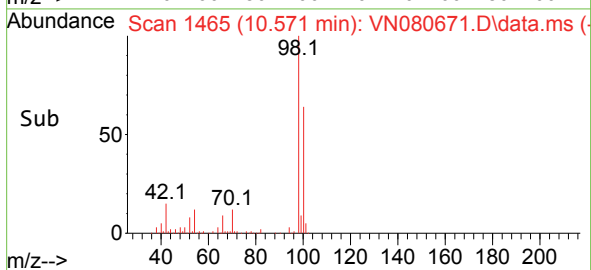
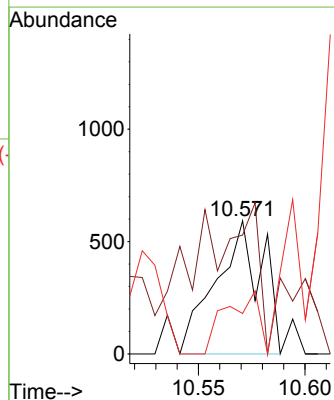
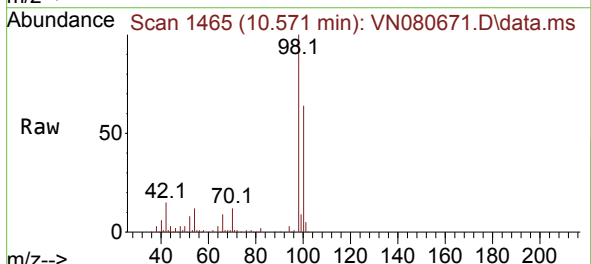
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.1	102.1
85	60.8	41.8	62.6
99	61.5	47.0	70.4

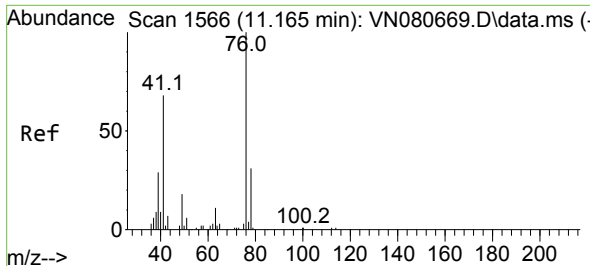


#51
Ethyl methacrylate
Concen: 0.202 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.306 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 69 Resp: 892

Ion	Ratio	Lower	Upper
69	100		
41	32.3	25.5	76.5
39	30.4	16.0	47.9

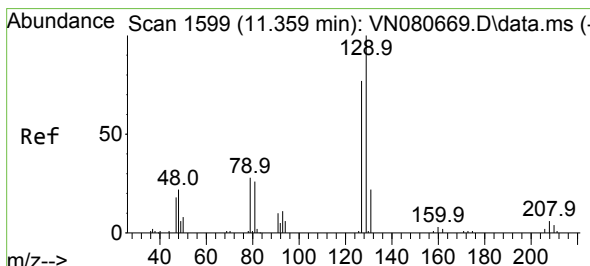
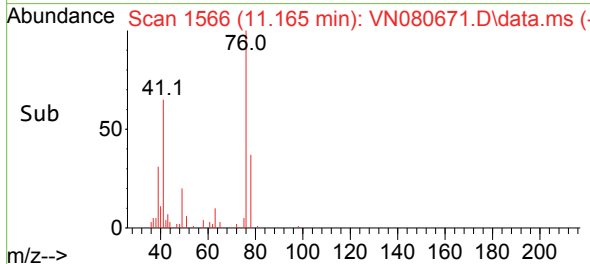
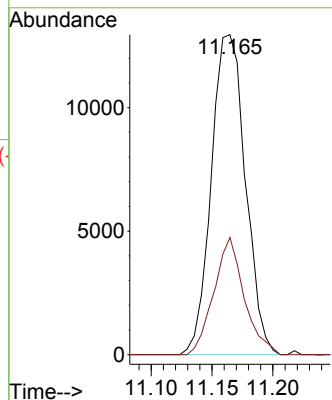
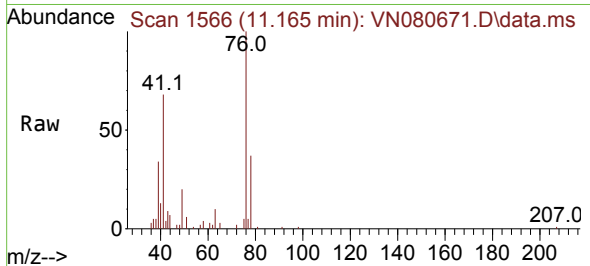




#52
1,3-Dichloropropane
Concen: 5.247 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

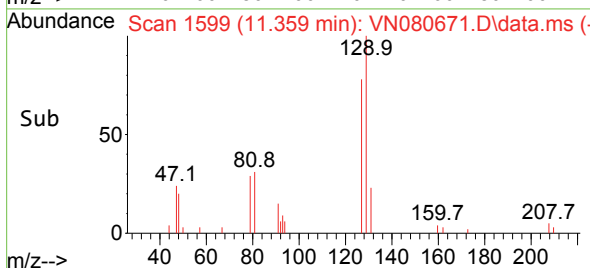
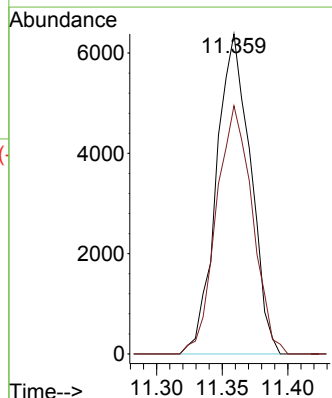
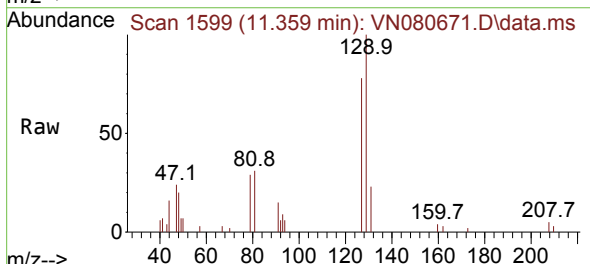
Instrument :
MSVOA_N
ClientSampleId :

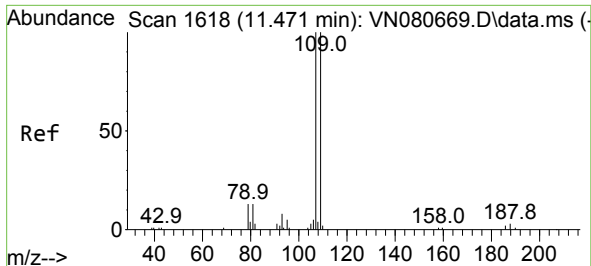
Tgt Ion: 76 Resp: 25235
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.8



#53
Dibromochloromethane
Concen: 4.517 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion:129 Resp: 11546
Ion Ratio Lower Upper
129 100
127 82.1 39.4 118.1

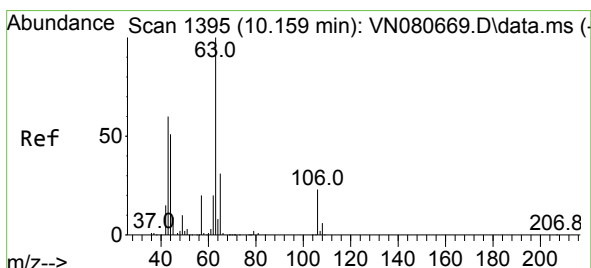
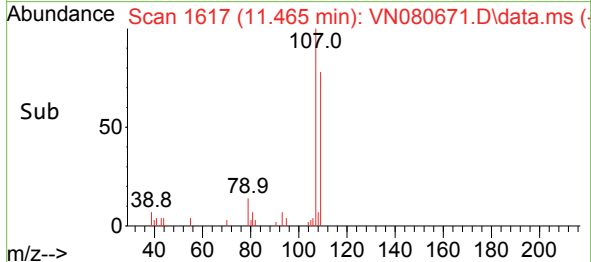
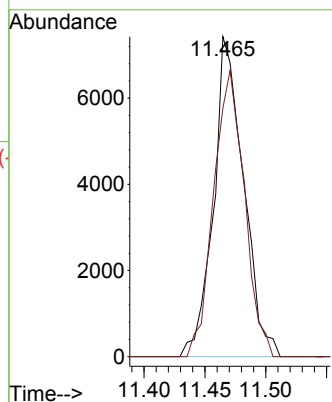
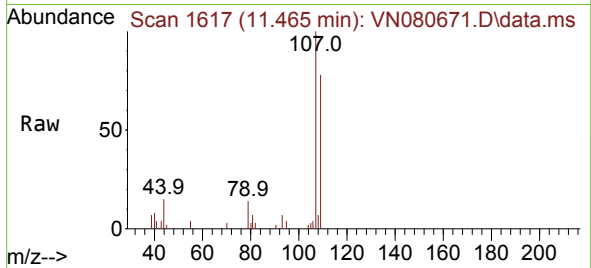




#54
1,2-Dibromoethane
Concen: 5.056 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

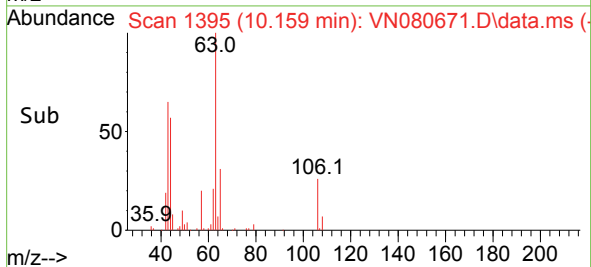
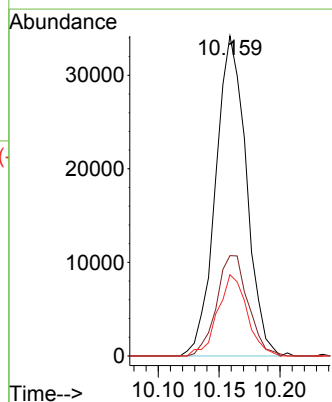
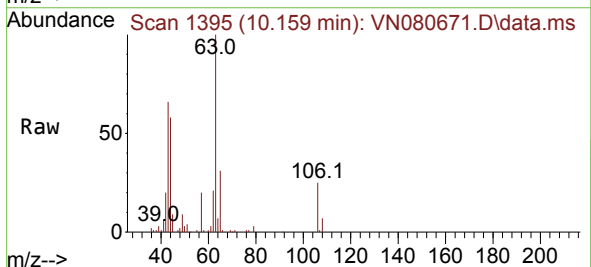
Instrument :
MSVOA_N
ClientSampleId :

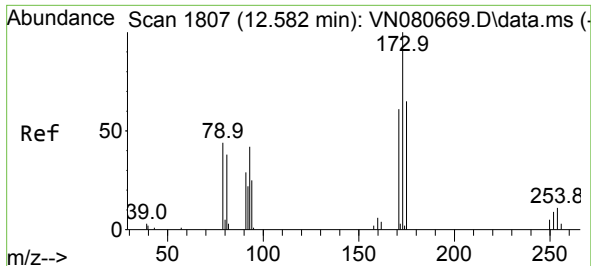
Tgt Ion:107 Resp: 12697
Ion Ratio Lower Upper
107 100
109 92.0 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 26.441 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

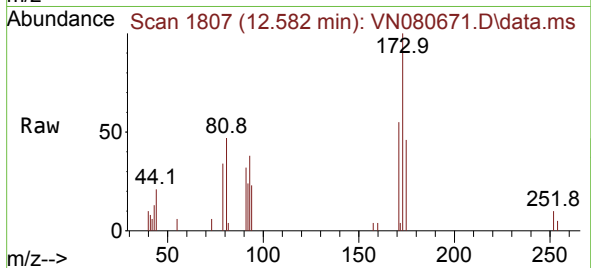
Tgt Ion: 63 Resp: 60016
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 24.3 23.8 35.8



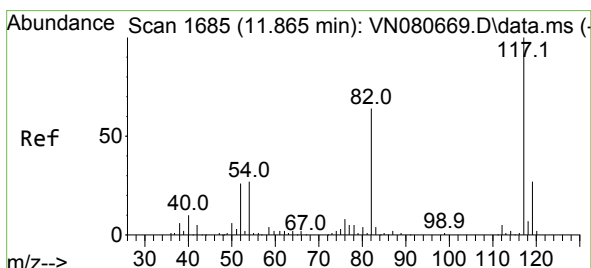
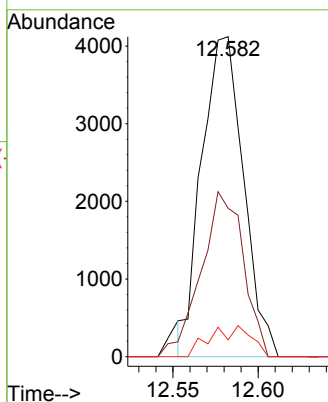
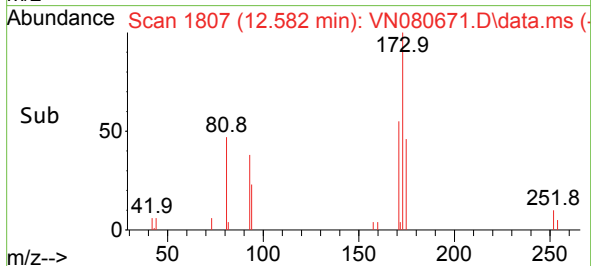


#56
Bromoform
Concen: 4.632 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

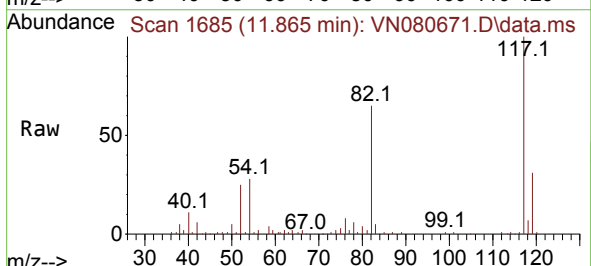
Instrument :
MSVOA_N
ClientSampleId :



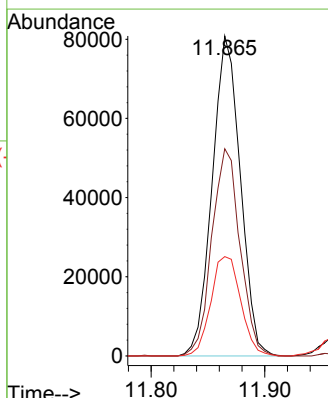
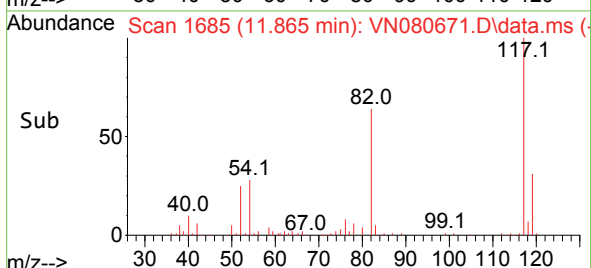
Tgt Ion:173 Resp: 6995
Ion Ratio Lower Upper
173 100
175 52.4 40.0 60.0
254 9.4 8.3 12.5

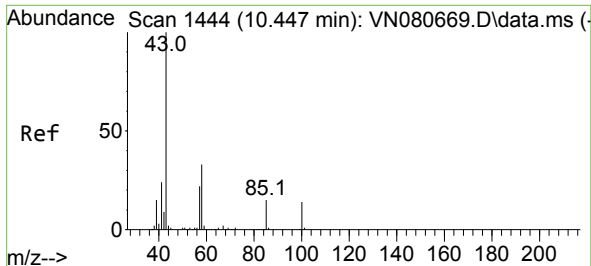


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



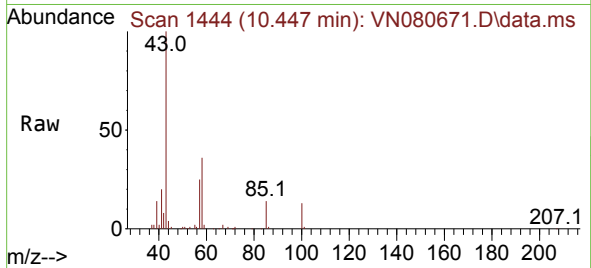
Tgt Ion:117 Resp: 138992
Ion Ratio Lower Upper
117 100
82 65.0 46.6 69.8
119 33.1 25.4 38.2



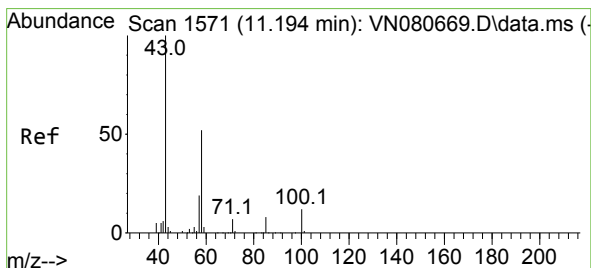
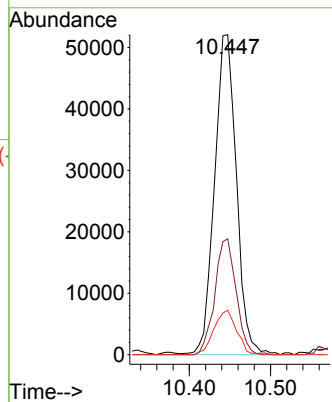
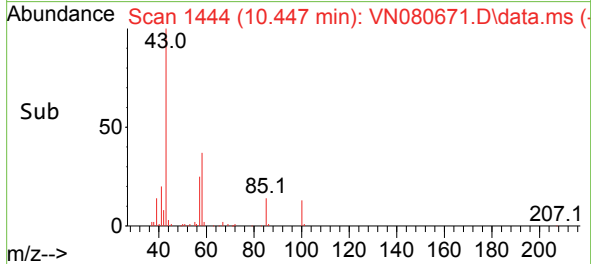


#58
4-Methyl-2-Pentanone
Concen: 26.672 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :

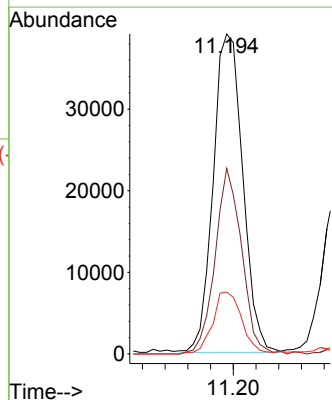
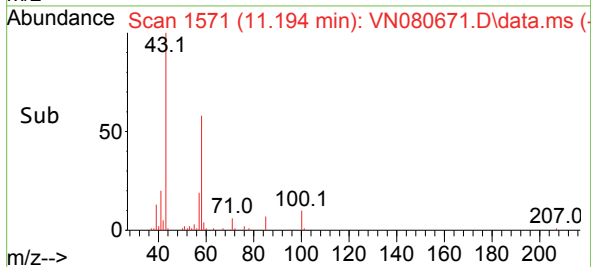
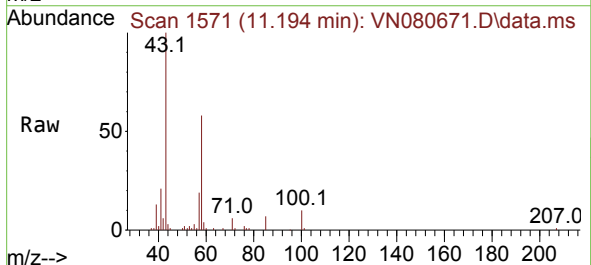


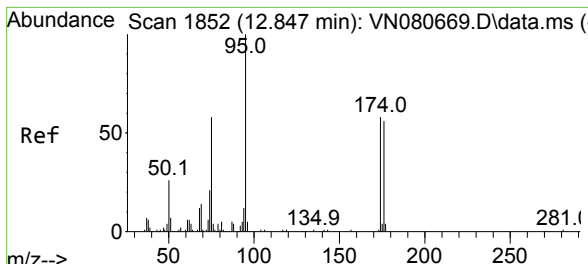
Tgt Ion: 43 Resp: 97520
Ion Ratio Lower Upper
43 100
58 35.2 36.5 54.7#
85 14.4 19.5 29.3#



#59
2-Hexanone
Concen: 25.849 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 43 Resp: 70566
Ion Ratio Lower Upper
43 100
58 52.3 50.4 75.6
57 19.2 18.6 27.8

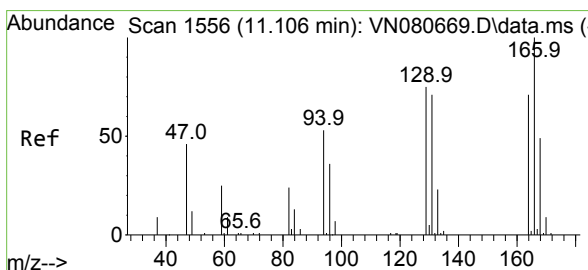
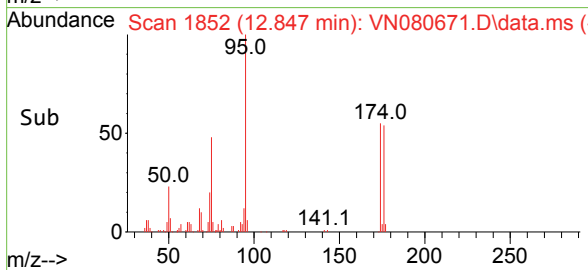
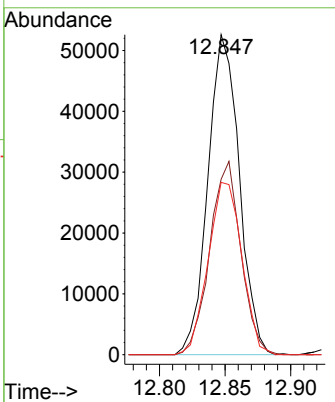
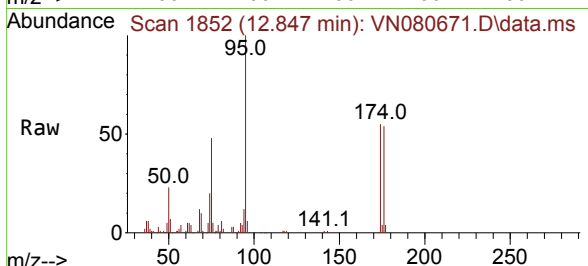




#60
4-Bromofluorobenzene
Concen: 28.470 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

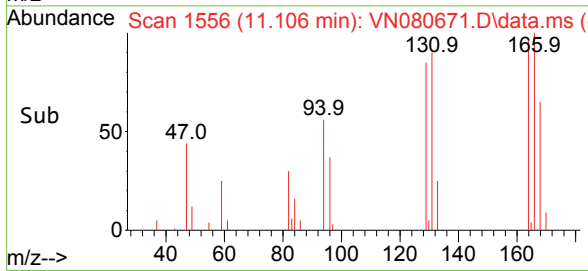
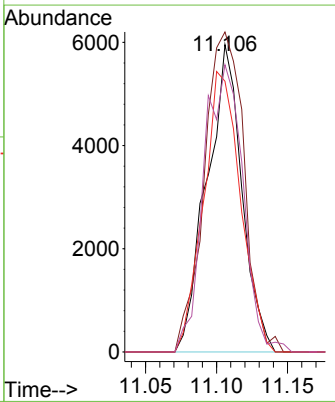
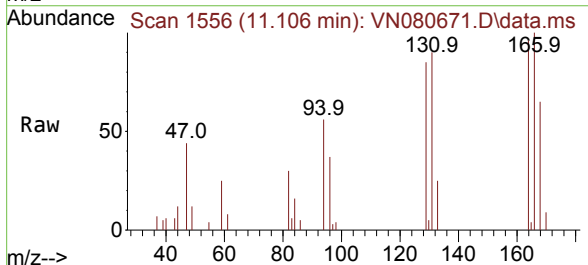
Instrument :
MSVOA_N
ClientSampleId :

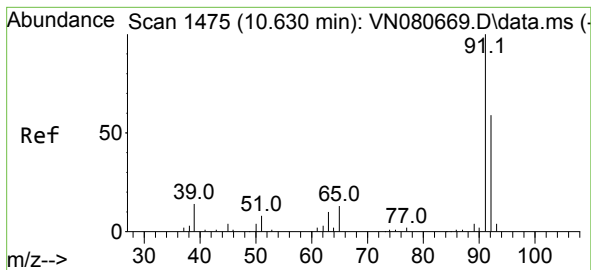
Tgt Ion: 95	Resp:	87537
Ion Ratio	Lower	Upper
95	100	
174	59.8	60.5 90.7#
176	57.9	57.8 86.6



#61
Tetrachloroethene
Concen: 5.506 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 164	Resp:	10188
Ion Ratio	Lower	Upper
164	100	
166	104.1	106.7 160.1#
129	88.1	85.8 128.6
131	93.4	79.1 118.7





#62

Toluene

Concen: 5.162 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

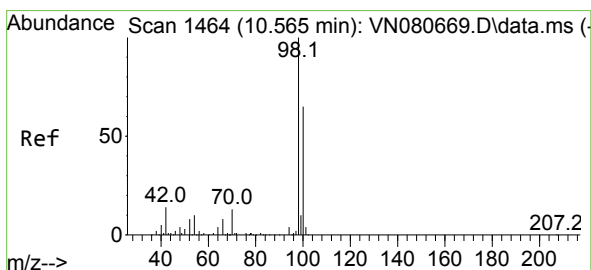
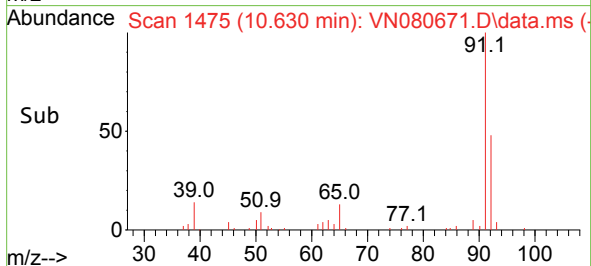
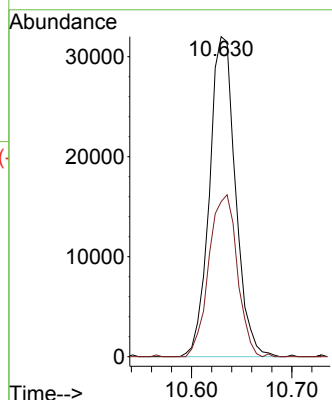
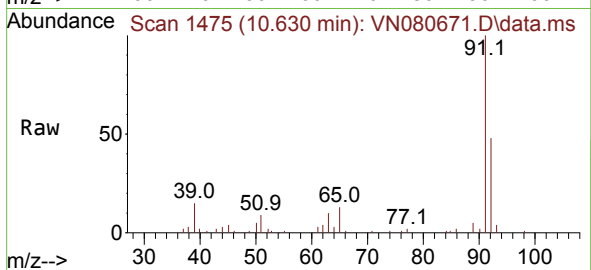
ClientSampleId :

Tgt Ion: 91 Resp: 57712

Ion Ratio Lower Upper

91 100

92 54.9 46.5 69.7



#63

Toluene-d8

Concen: 30.014 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080671.D

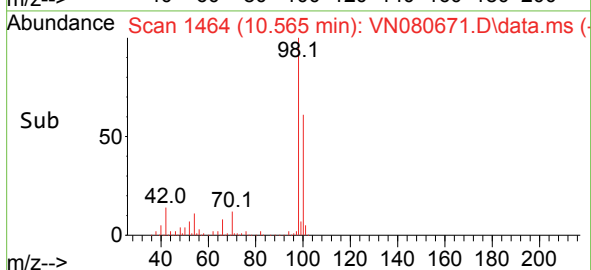
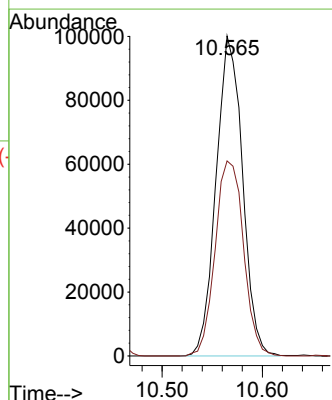
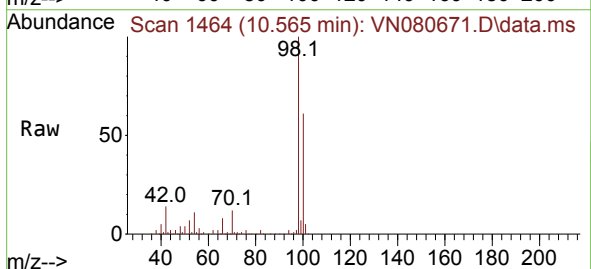
Acq: 11 Jan 2024 12:03

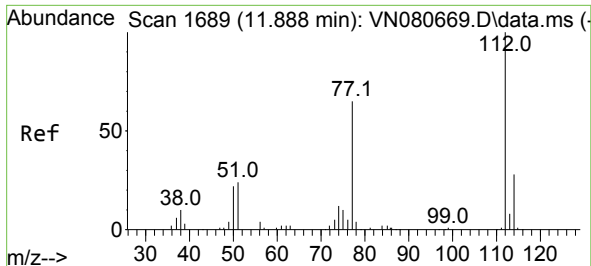
Tgt Ion: 98 Resp: 183084

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

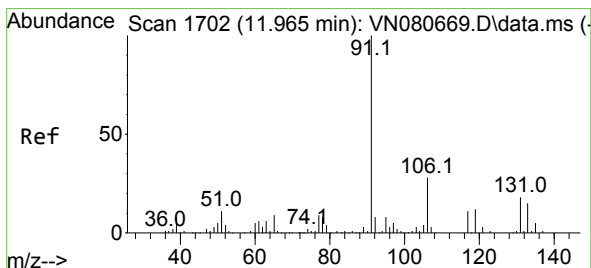
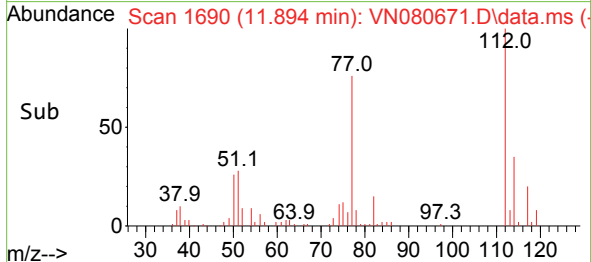
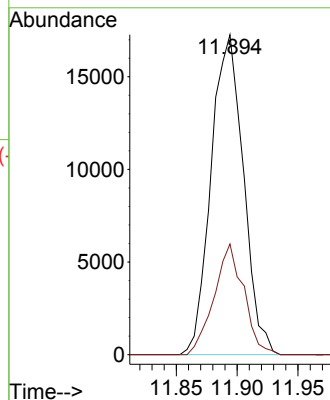
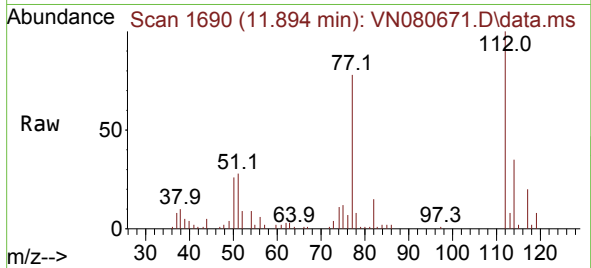




#64
Chlorobenzene
Concen: 5.124 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

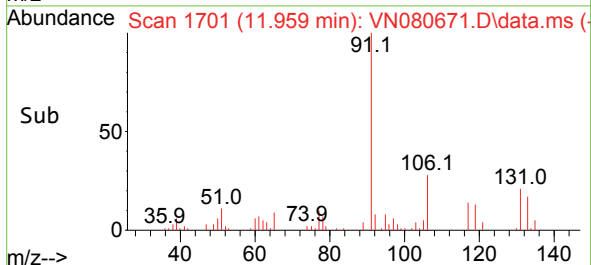
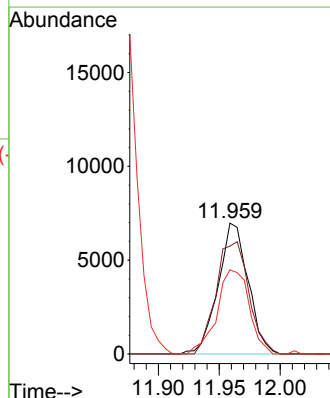
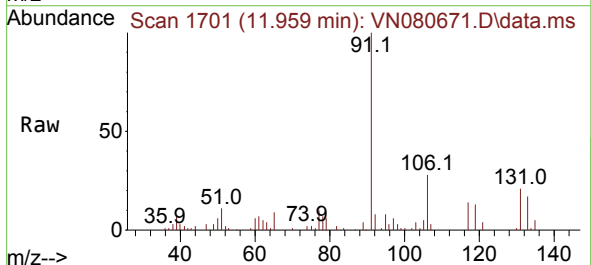
Instrument :
MSVOA_N
ClientSampleId :

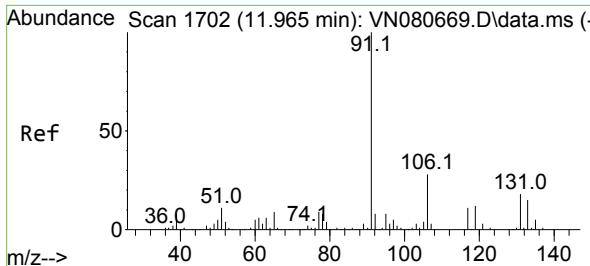
Tgt Ion:112 Resp: 31903
Ion Ratio Lower Upper
112 100
114 34.6 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 5.354 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion:131 Resp: 11979
Ion Ratio Lower Upper
131 100
133 94.0 0.0 188.0
119 69.0 0.0 122.8

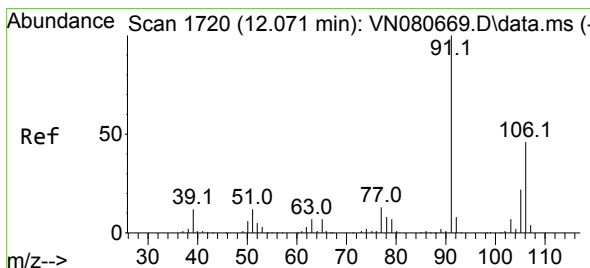
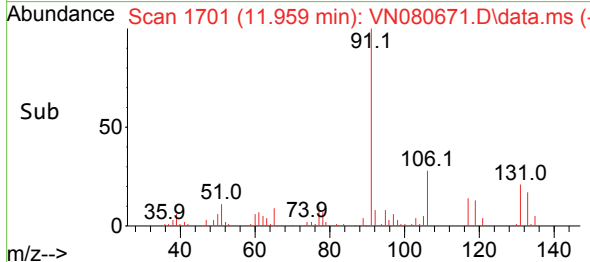
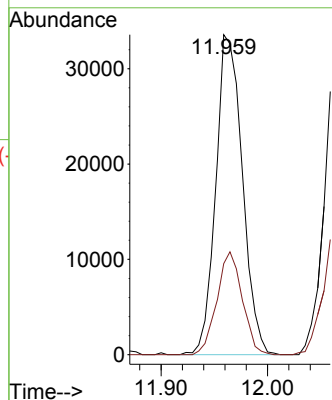
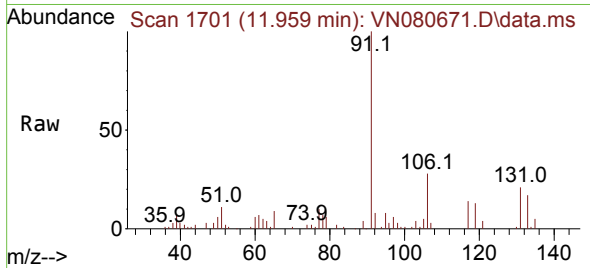




#66
Ethyl Benzene
Concen: 4.949 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

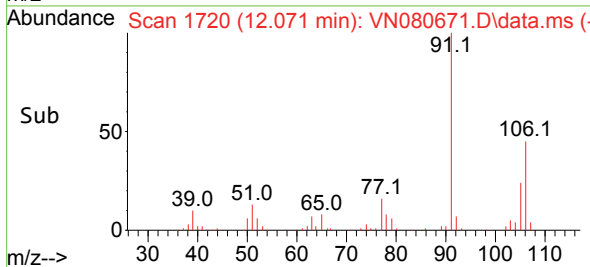
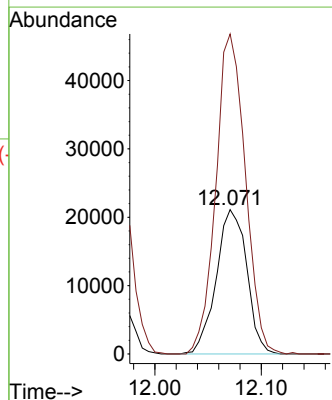
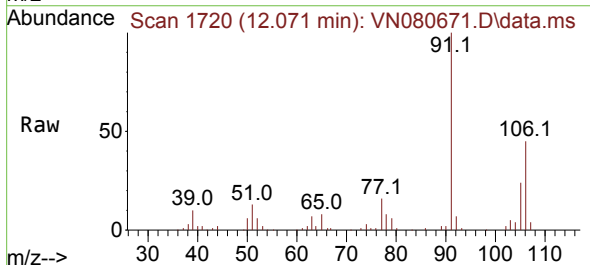
Instrument :
MSVOA_N
ClientSampleId :

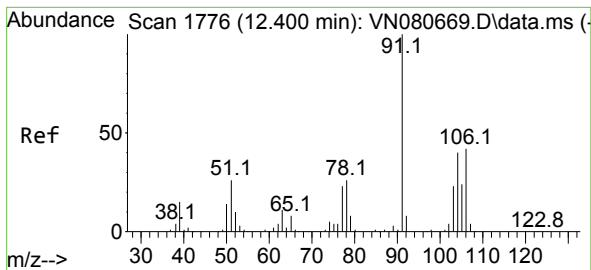
Tgt Ion: 91 Resp: 58186
Ion Ratio Lower Upper
91 100
106 28.5 24.4 36.6



#67
m/p-Xylenes
Concen: 9.962 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 106 Resp: 42098
Ion Ratio Lower Upper
106 100
91 214.0 166.6 249.8

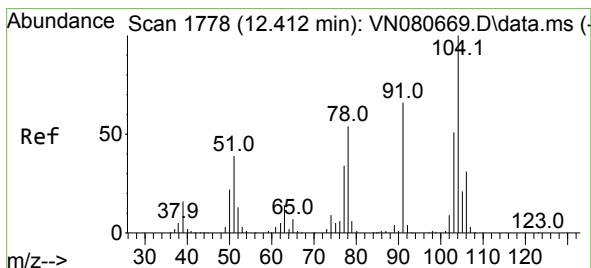
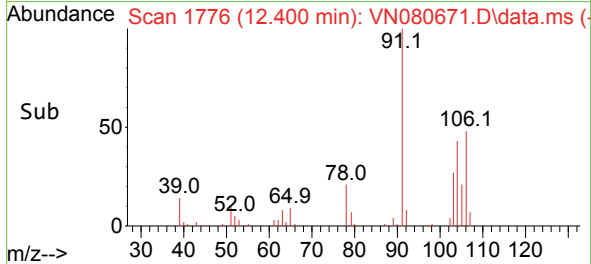
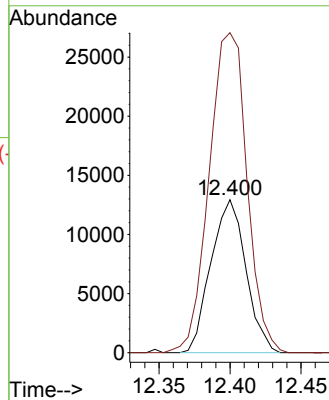
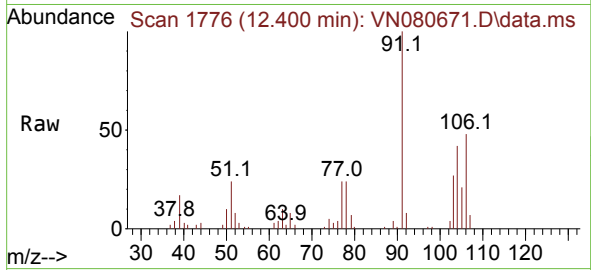




#68
o-Xylene
Concen: 5.264 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

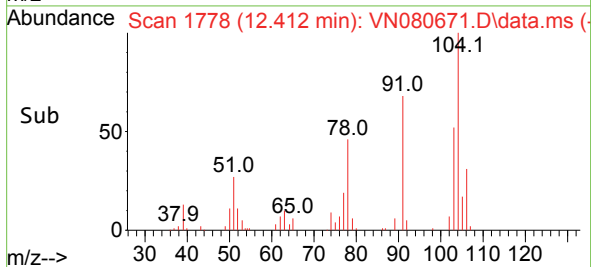
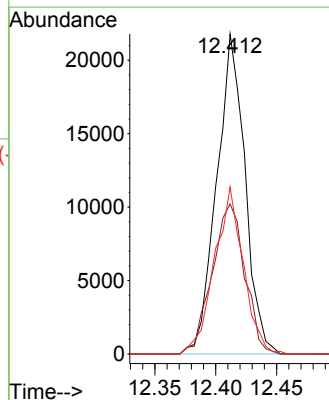
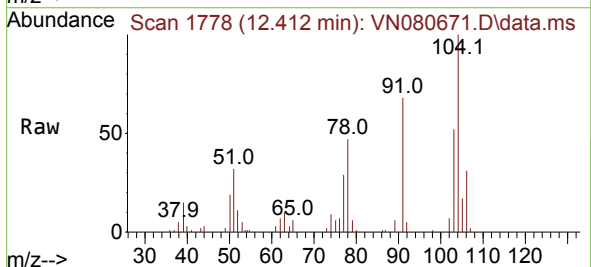
Instrument :
MSVOA_N
ClientSampleId :

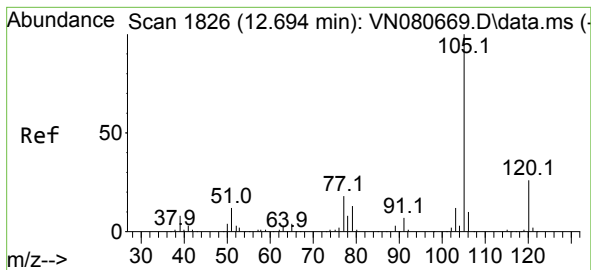
Tgt Ion:106 Resp: 22186
Ion Ratio Lower Upper
106 100
91 226.0 110.0 330.0



#69
Styrene
Concen: 4.981 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion:104 Resp: 35267
Ion Ratio Lower Upper
104 100
78 53.9 42.6 64.0
103 53.4 43.7 65.5





#70

Isopropylbenzene

Concen: 4.876 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

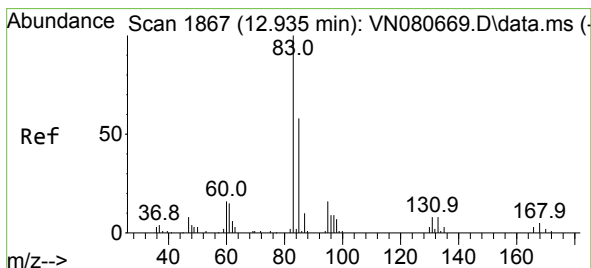
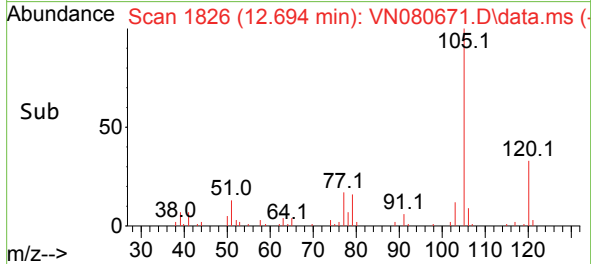
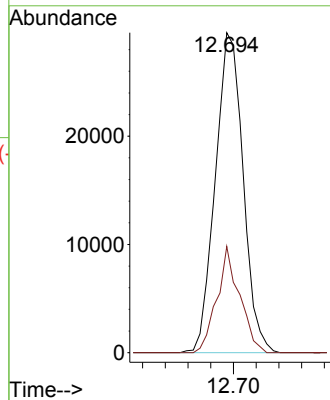
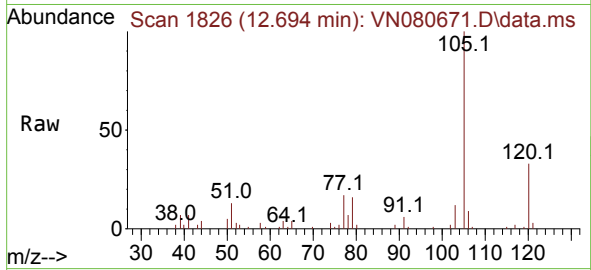
ClientSampleId :

Tgt Ion:105 Resp: 50224

Ion Ratio Lower Upper

105 100

120 27.1 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 5.410 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

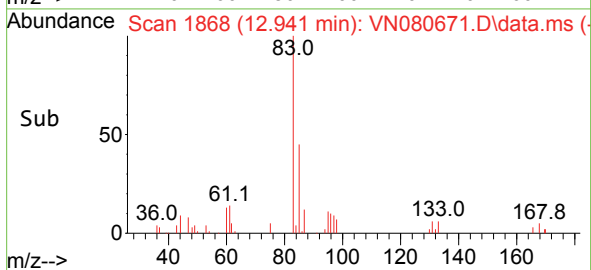
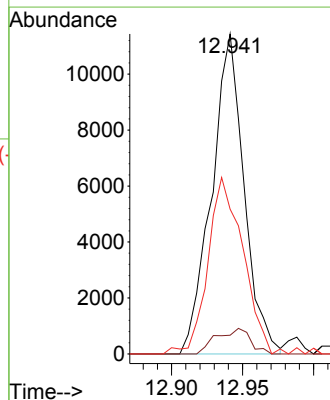
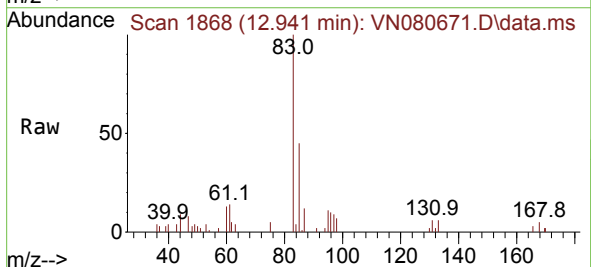
Tgt Ion: 83 Resp: 18190

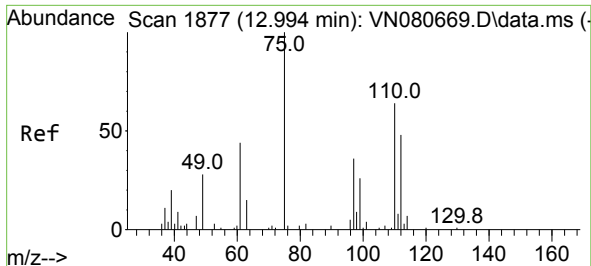
Ion Ratio Lower Upper

83 100

131 5.3 5.2 15.6

85 58.5 32.3 96.8

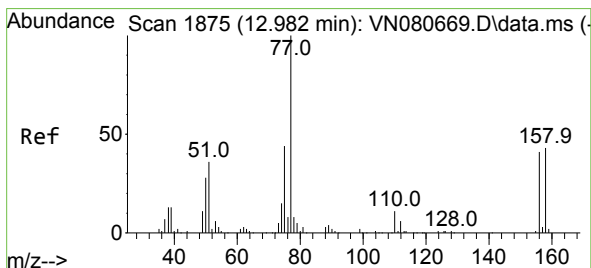
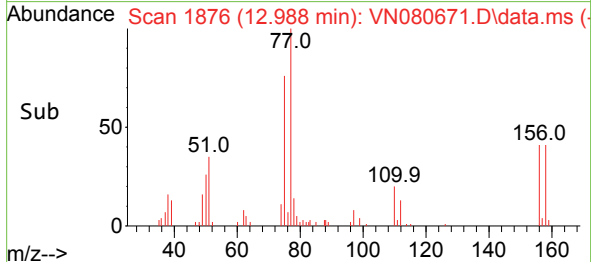
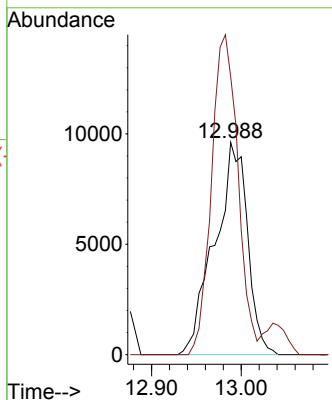
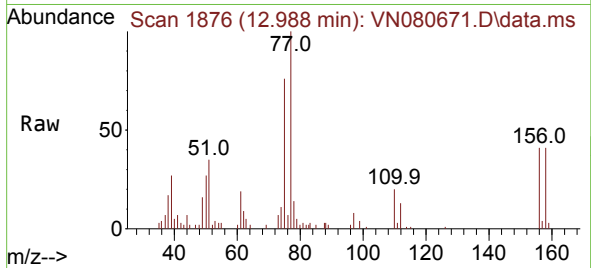




#72
1,2,3-Trichloropropane
Concen: 7.402 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

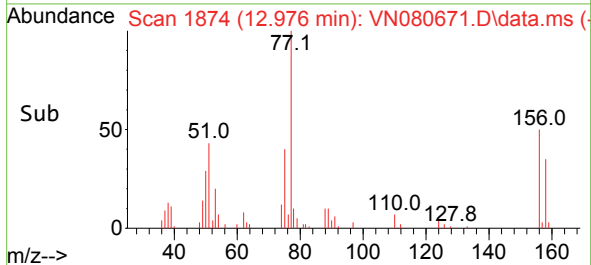
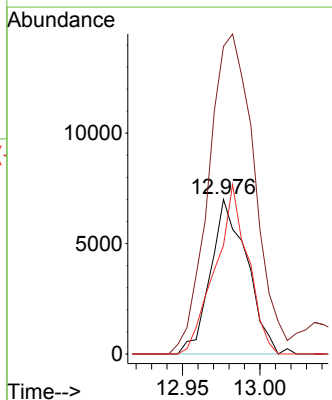
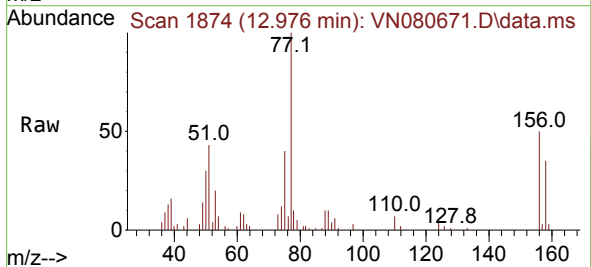
Instrument :
MSVOA_N
ClientSampleId :

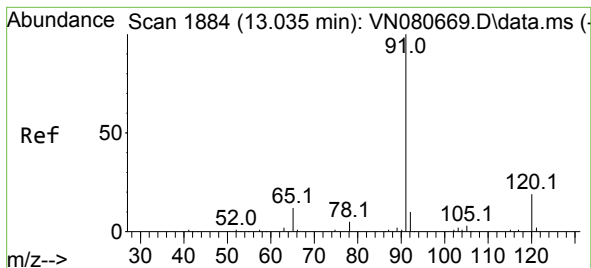
Tgt Ion: 75 Resp: 24451
Ion Ratio Lower Upper
75 100
77 121.4 0.0 367.6



#73
Bromobenzene
Concen: 5.183 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion:156 Resp: 11380
Ion Ratio Lower Upper
156 100
77 260.9 0.0 437.6
158 98.3 0.0 203.8





#74

n-propylbenzene

Concen: 4.646 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

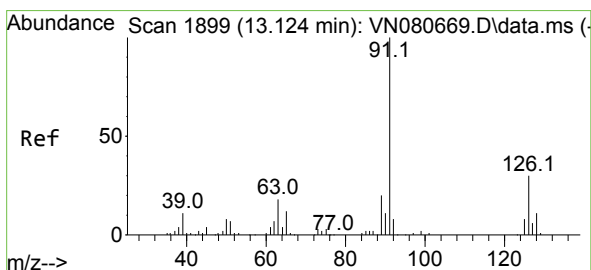
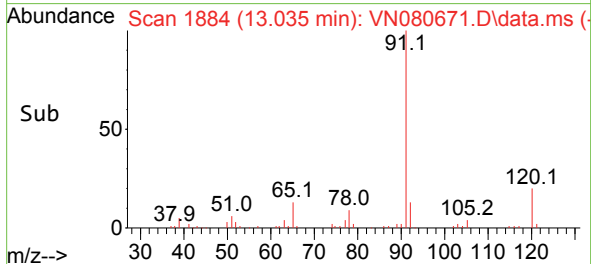
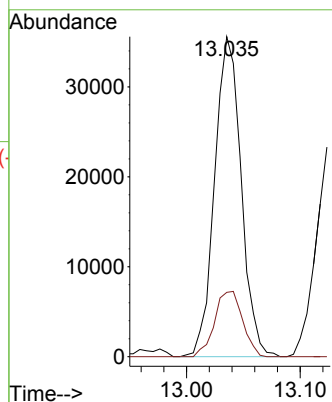
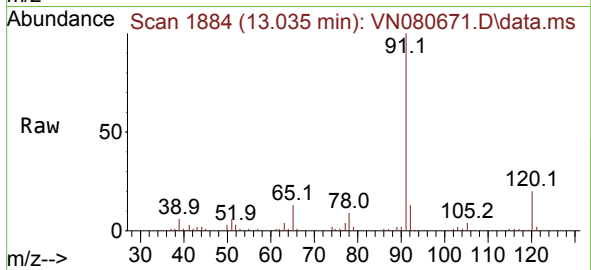
ClientSampleId :

Tgt Ion: 91 Resp: 57720

Ion Ratio Lower Upper

91 100

120 21.5 0.0 43.8



#75

2-Chlorotoluene

Concen: 4.991 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.001 min

Lab File: VN080671.D

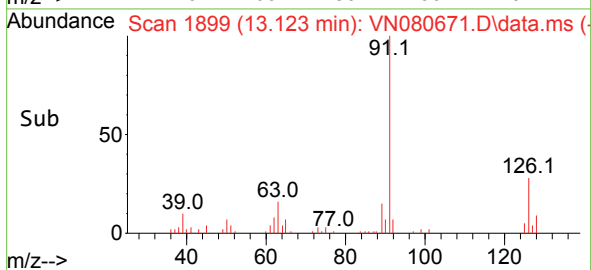
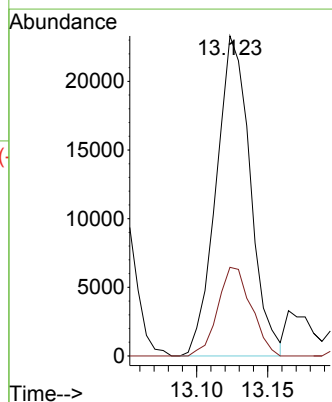
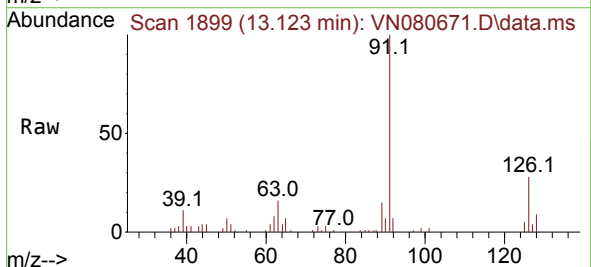
Acq: 11 Jan 2024 12:03

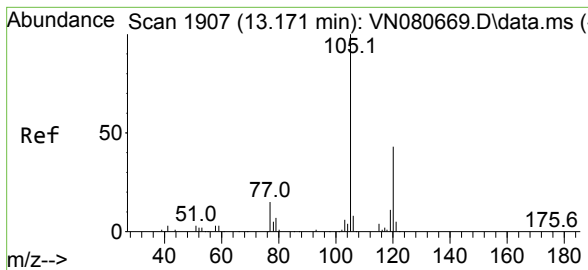
Tgt Ion: 91 Resp: 38992

Ion Ratio Lower Upper

91 100

126 27.1 0.0 61.2

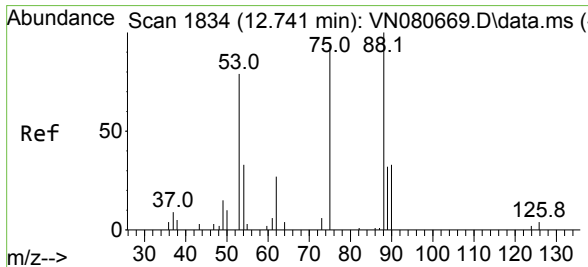
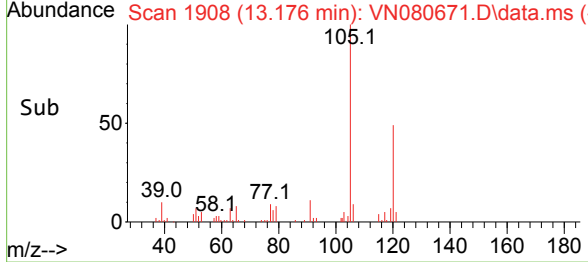
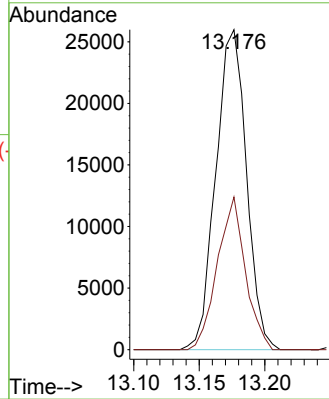
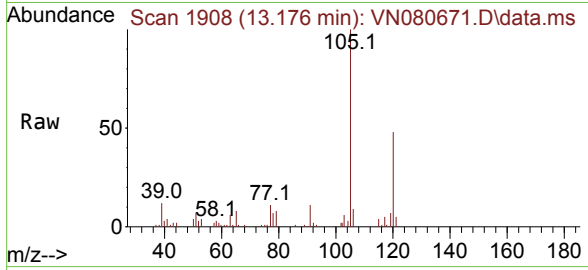




#76
 1,3,5-Trimethylbenzene
 Concen: 4.914 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.005 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

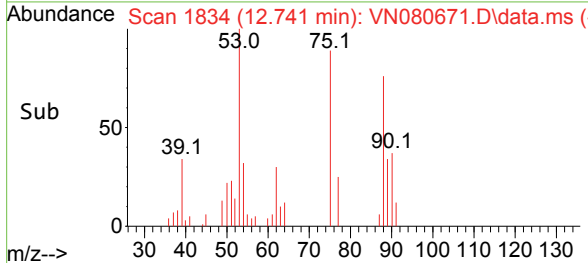
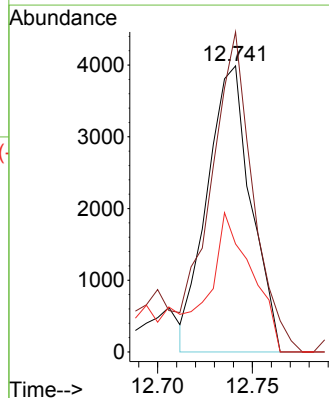
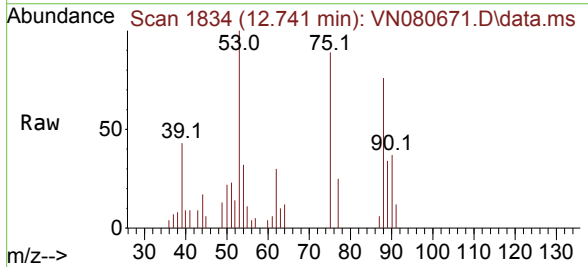
Instrument :
 MSVOA_N
 ClientSampleId :

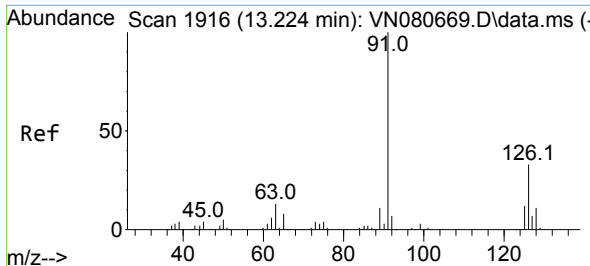
Tgt Ion:105 Resp: 42132
 Ion Ratio Lower Upper
 105 100
 120 43.7 0.0 95.8



#77
 t-1,4-Dichloro-2-butene
 Concen: 4.905 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

Tgt Ion: 75 Resp: 6408
 Ion Ratio Lower Upper
 75 100
 53 101.0 45.9 137.7
 89 37.8 25.9 77.7

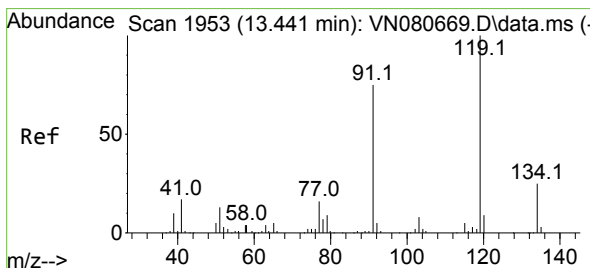
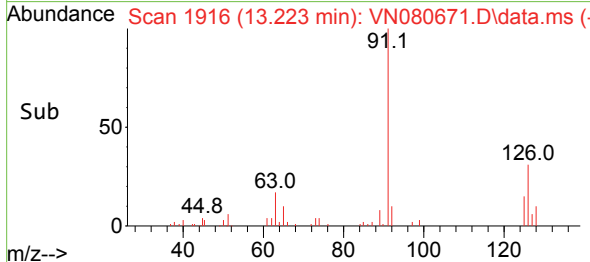
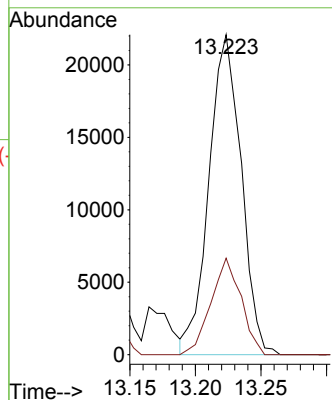
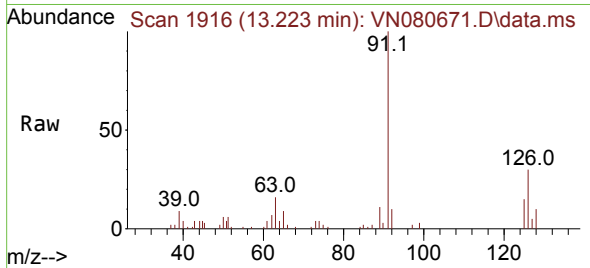




#78
4-Chlorotoluene
Concen: 4.833 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

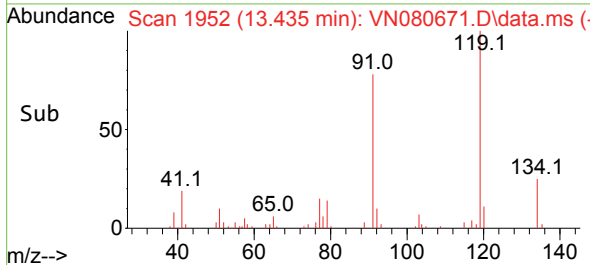
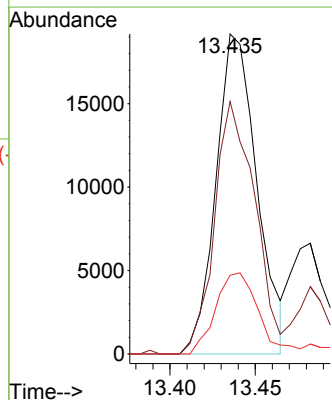
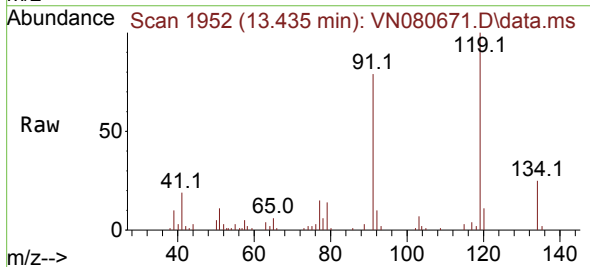
Instrument :
MSVOA_N
ClientSampleId :

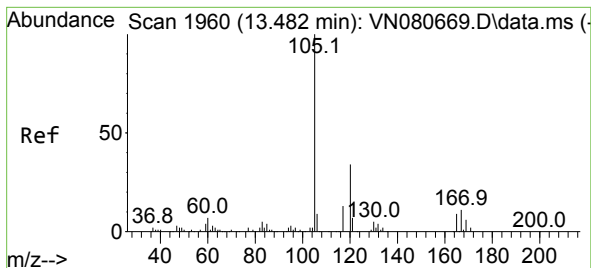
Tgt Ion: 91 Resp: 37746
Ion Ratio Lower Upper
91 100
126 28.2 0.0 62.8



#79
tert-butylbenzene
Concen: 4.788 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 119 Resp: 32044
Ion Ratio Lower Upper
119 100
91 77.7 0.0 138.8
134 25.5 0.0 48.6





#80

1,2,4-Trimethylbenzene

Concen: 4.771 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

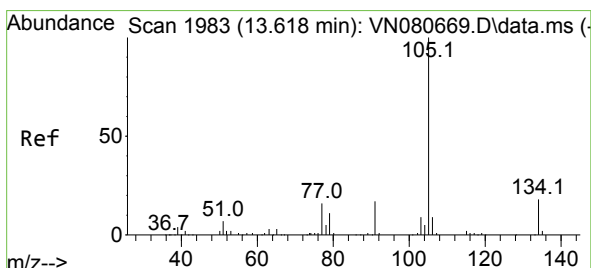
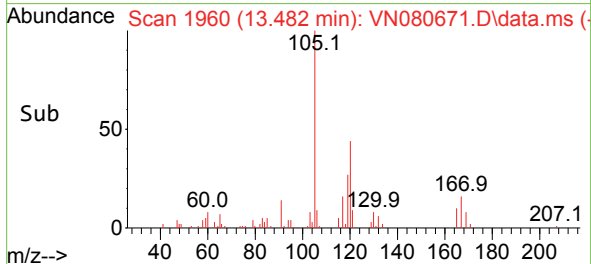
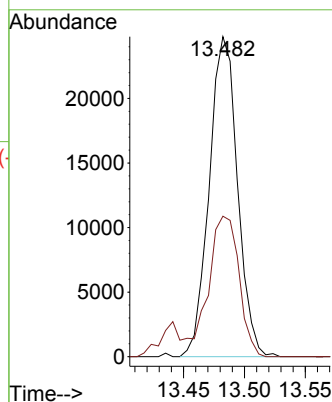
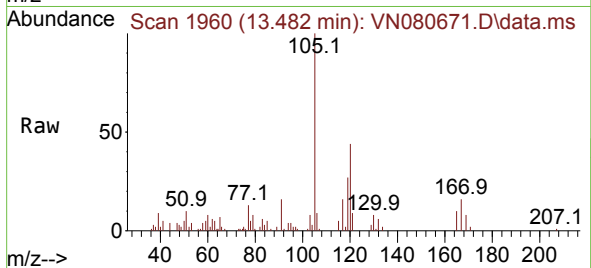
ClientSampleId :

Tgt Ion:105 Resp: 40016

Ion Ratio Lower Upper

105 100

120 45.7 0.0 86.8



#81

sec-Butylbenzene

Concen: 4.839 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080671.D

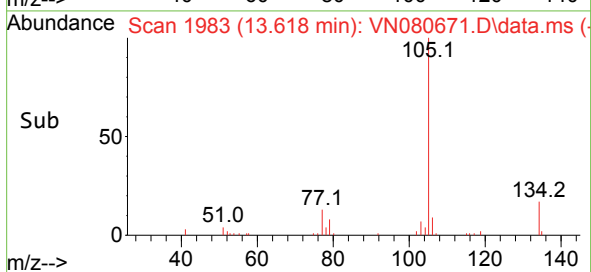
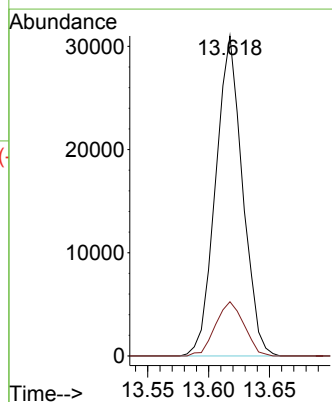
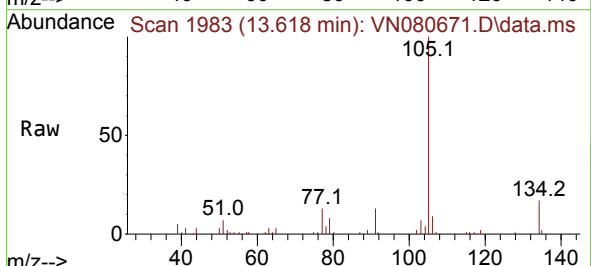
Acq: 11 Jan 2024 12:03

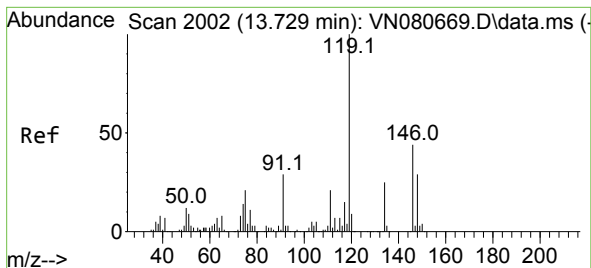
Tgt Ion:105 Resp: 47676

Ion Ratio Lower Upper

105 100

134 18.0 0.0 39.0





#82

p-Isopropyltoluene

Concen: 4.737 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080671.D

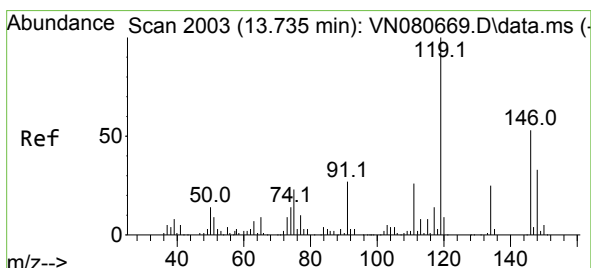
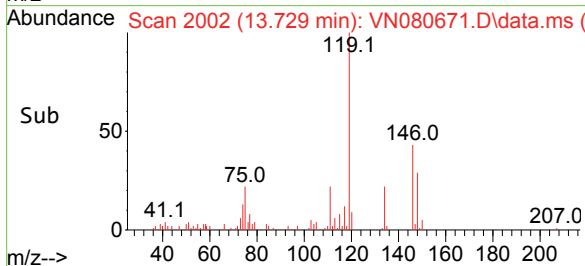
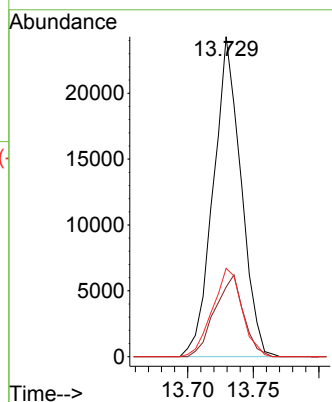
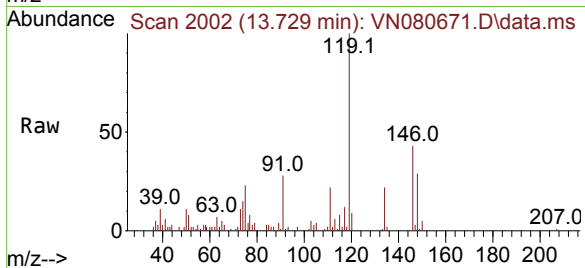
Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	119	Resp:	35585
Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	49.2
91	29.4	0.0	48.8



#83

1,3-Dichlorobenzene

Concen: 5.163 ug/l

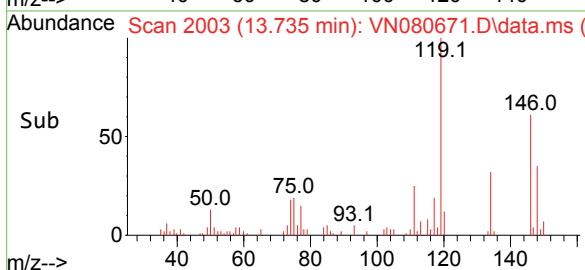
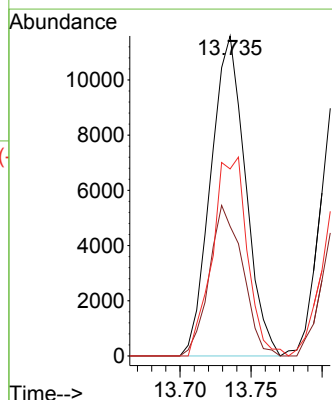
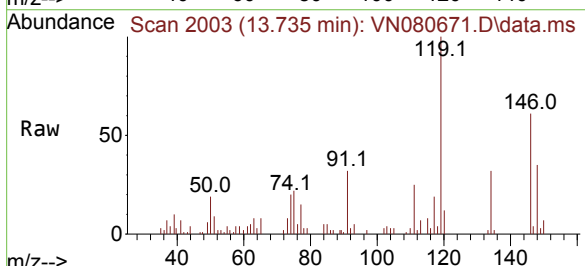
RT: 13.735 min Scan# 2003

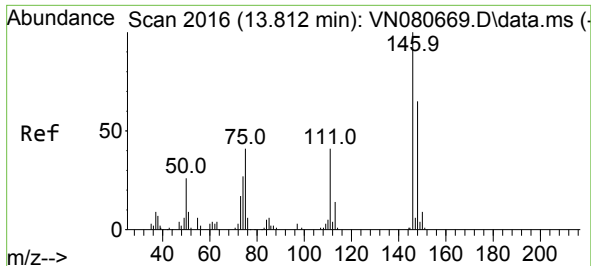
Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

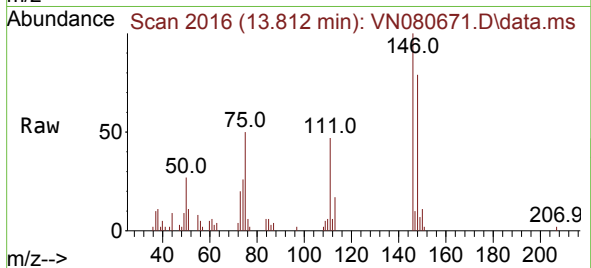
Tgt Ion:	146	Resp:	19667
Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.4	67.0
148	62.4	32.1	96.5



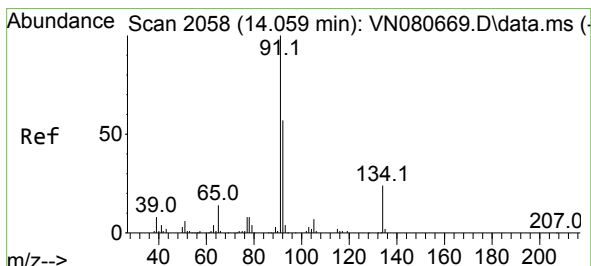
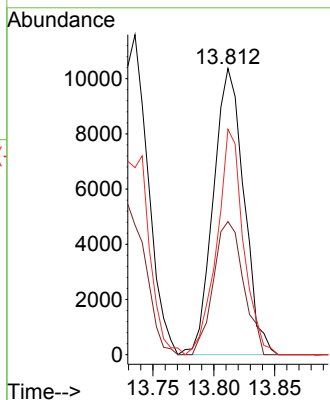
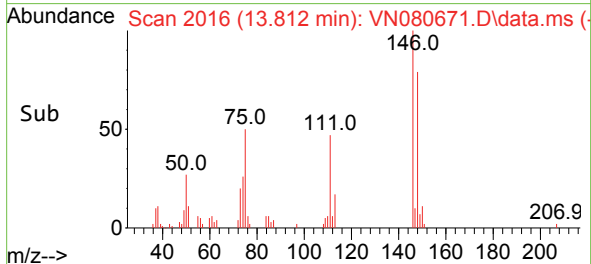


#84
1,4-Dichlorobenzene
Concen: 4.722 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

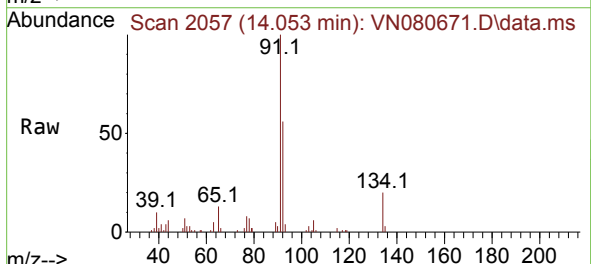
Instrument :
MSVOA_N
ClientSampleId :



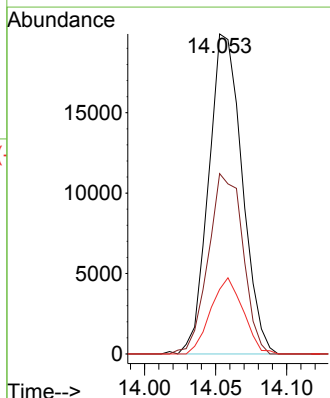
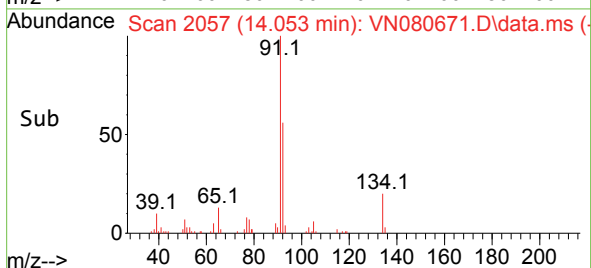
Tgt Ion:146 Resp: 18111
Ion Ratio Lower Upper
146 100
111 46.0 21.3 63.9
148 68.7 31.9 95.5

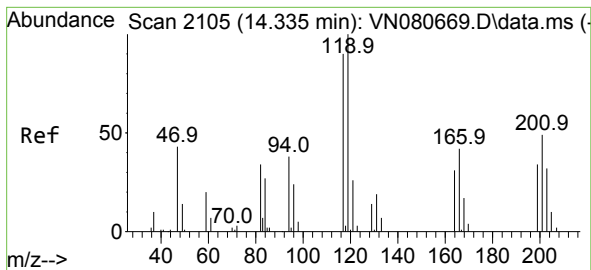


#85
n-Butylbenzene
Concen: 4.393 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



Tgt Ion: 91 Resp: 32610
Ion Ratio Lower Upper
91 100
92 58.1 0.0 105.0
134 23.0 0.0 51.8





#86

Hexachloroethane

Concen: 5.183 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

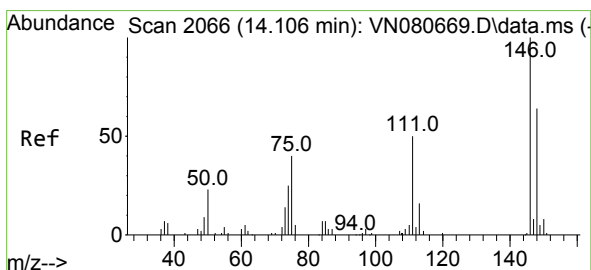
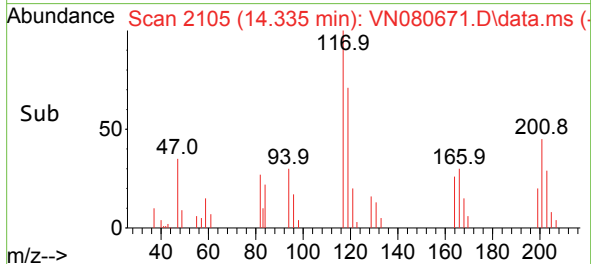
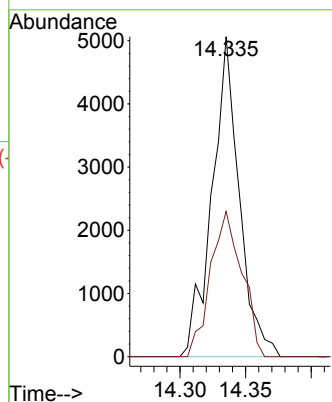
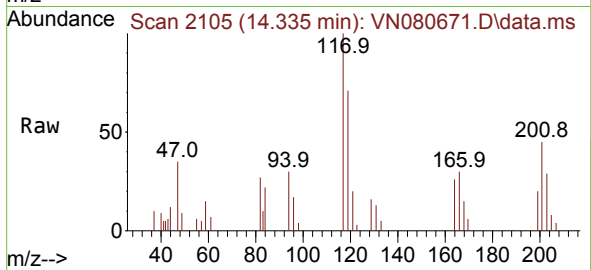
ClientSampleId :

Tgt Ion:117 Resp: 7323

Ion Ratio Lower Upper

117 100

201 52.6 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 5.003 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

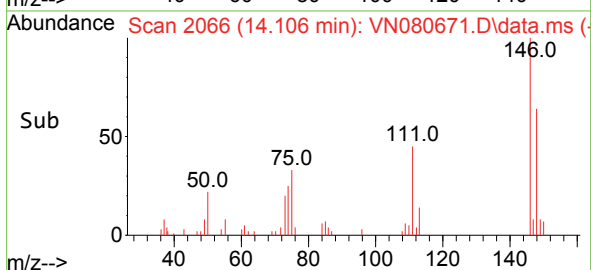
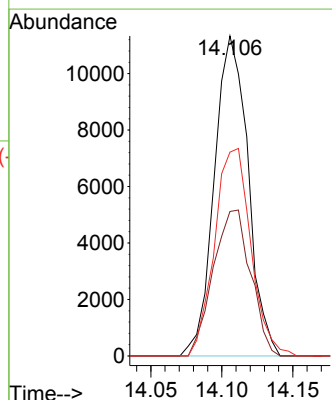
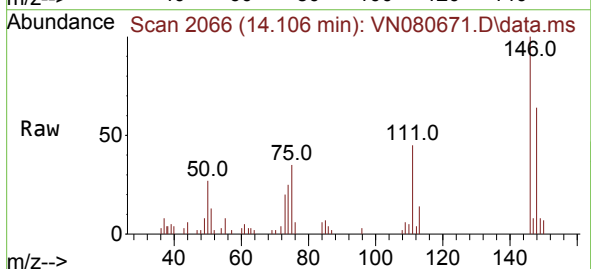
Tgt Ion:146 Resp: 18694

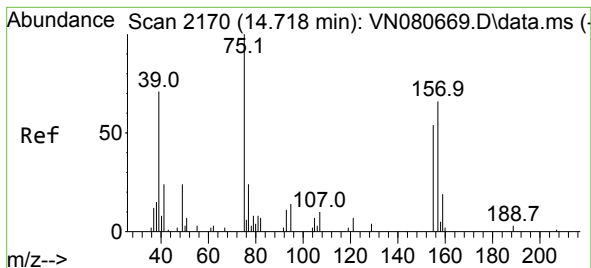
Ion Ratio Lower Upper

146 100

111 50.6 22.6 67.8

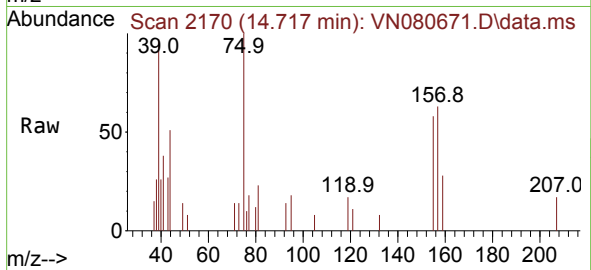
148 69.9 31.3 93.8



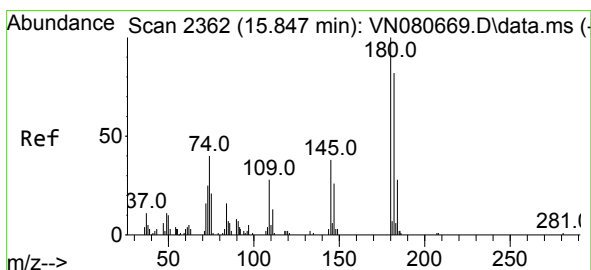
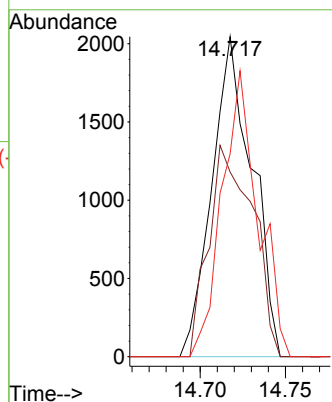
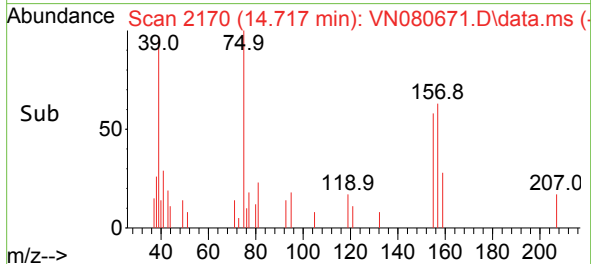


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.790 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.001 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

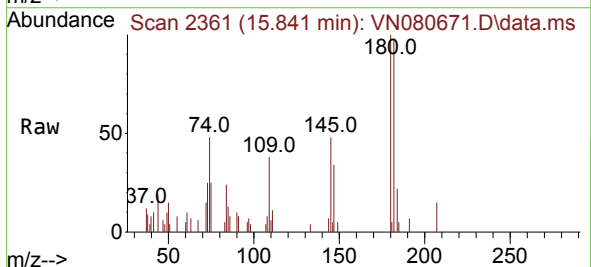
Instrument :
 MSVOA_N
 ClientSampleId :



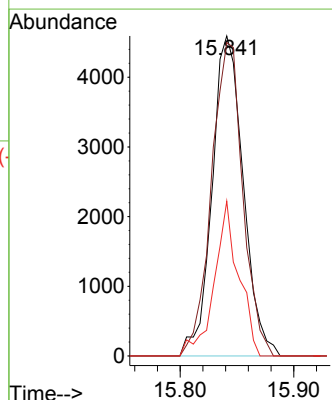
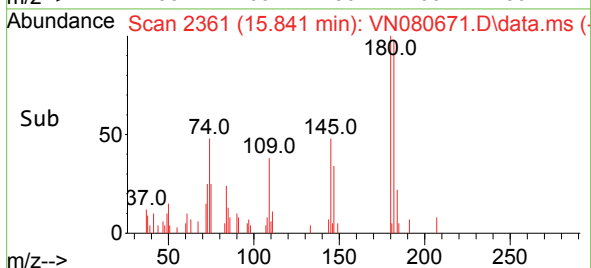
Tgt Ion: 75 Resp: 3353
 Ion Ratio Lower Upper
 75 100
 155 72.8 61.7 92.5
 157 79.7 83.6 125.4#

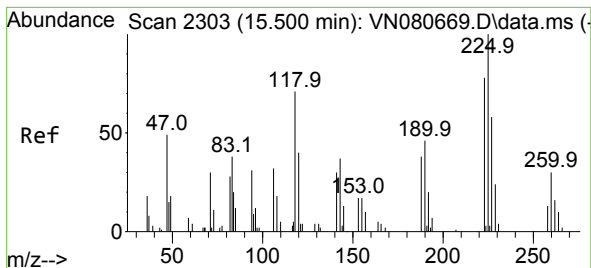


#89
 1,2,4-Trichlorobenzene
 Concen: 4.674 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.006 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03



Tgt Ion: 180 Resp: 8759
 Ion Ratio Lower Upper
 180 100
 182 98.4 76.4 114.6
 145 38.0 28.4 42.6





#90

Hexachlorobutadiene

Concen: 5.007 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

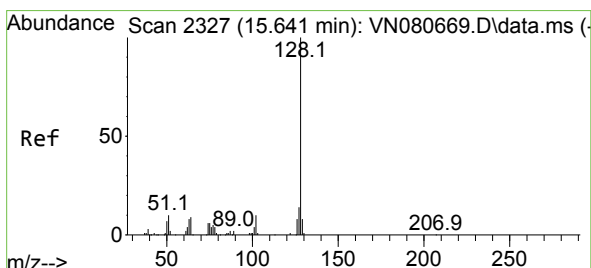
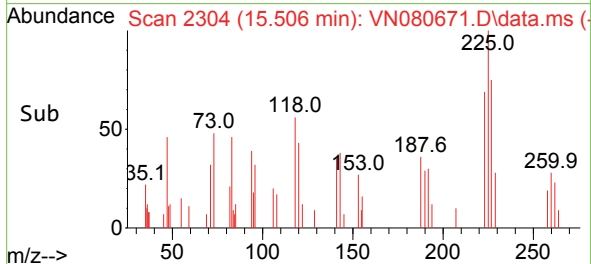
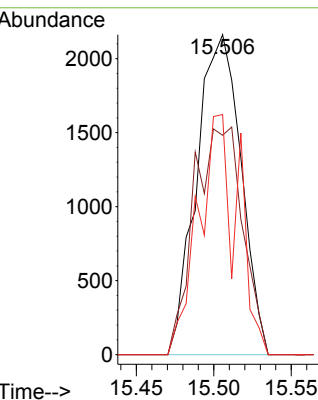
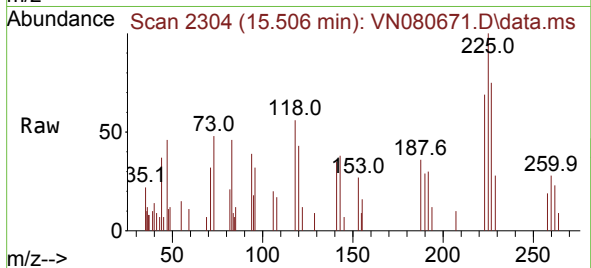
Tgt Ion:225 Resp: 4299

Ion Ratio Lower Upper

225 100

223 78.2 0.0 126.6

227 50.8 0.0 126.6



#91

Naphthalene

Concen: 4.938 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

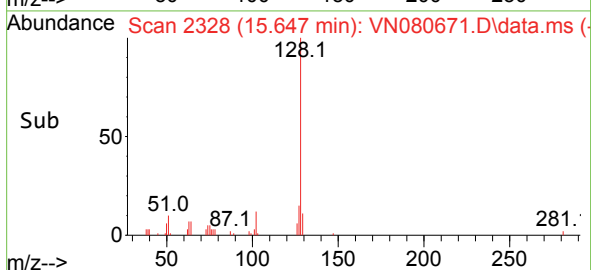
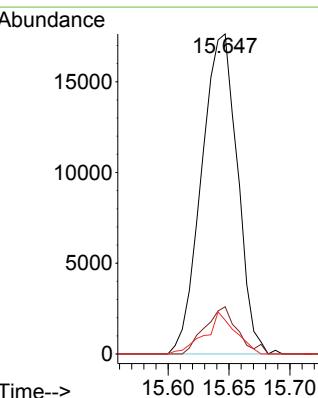
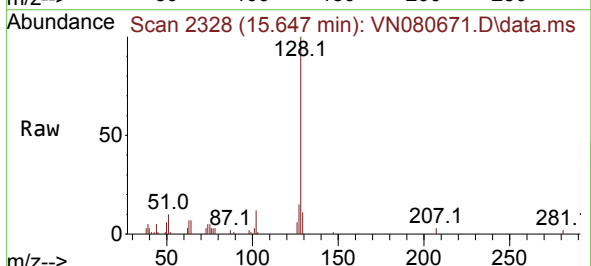
Tgt Ion:128 Resp: 36080

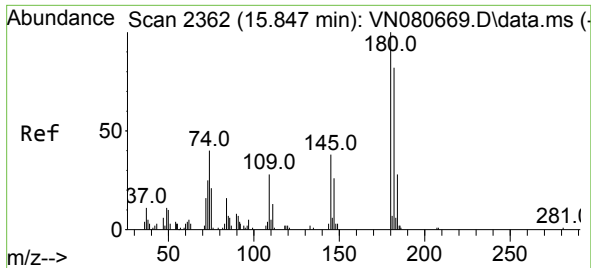
Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

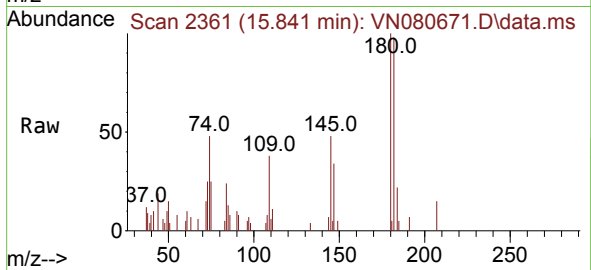
129 8.4 8.6 13.0#





#92
 1,2,3-Trichlorobenzene
 Concen: 4.674 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	8759
Ion	Ratio	Lower	Upper
180	100		
182	98.4	0.0	191.0
145	38.0	0.0	71.0

