

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080619.D
 Acq On : 02 Jan 2024 12:47
 Operator : JC\MD
 Sample : VN0102MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 03 01:42:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

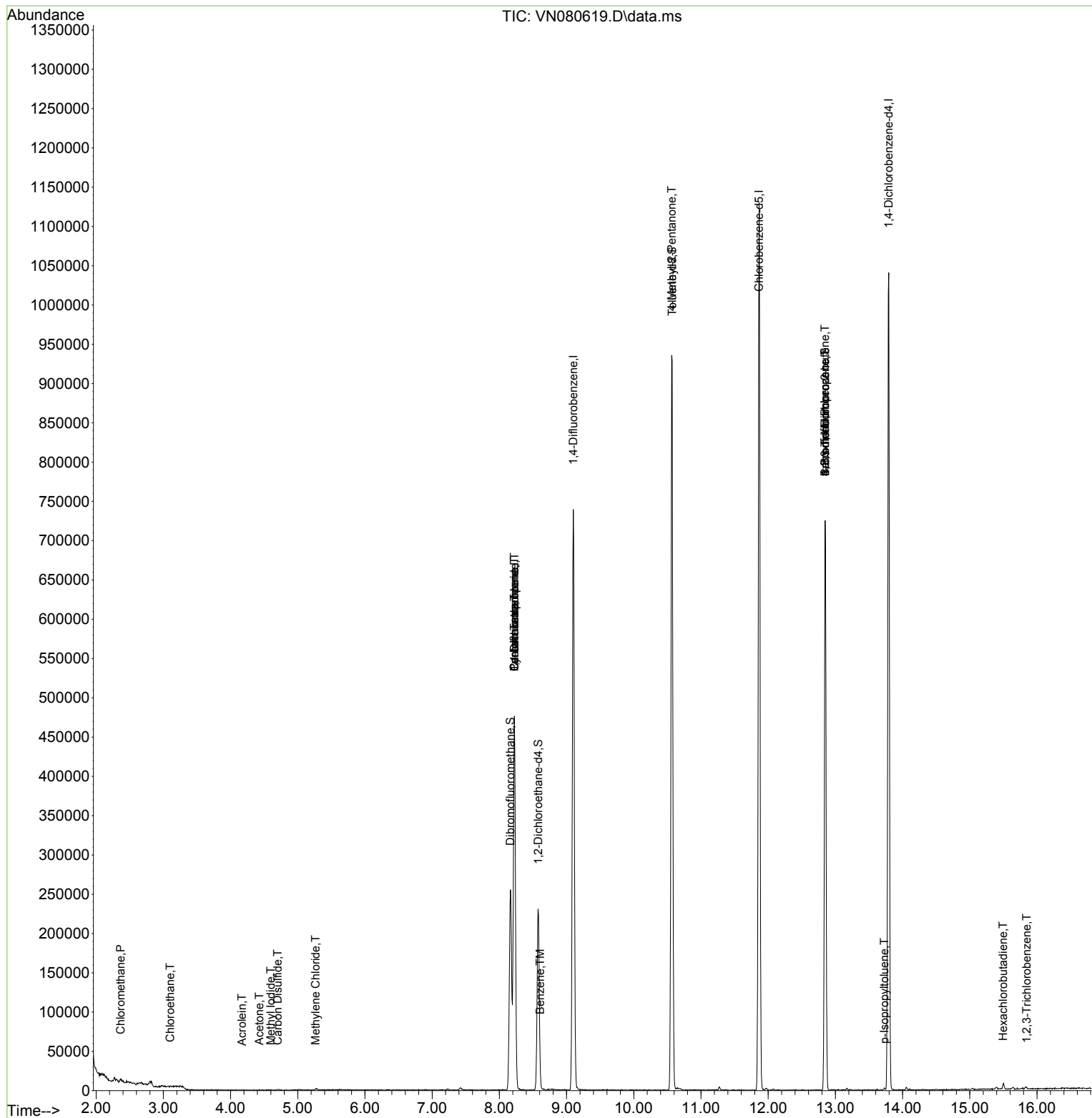
Internal Standards						
1) Pentafluorobenzene	8.224	168	344249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	659513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	675790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	192733	43.647	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.300%
35) Dibromofluoromethane	8.165	113	188192	44.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.240%
50) Toluene-d8	10.571	98	669008	44.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.840%
62) 4-Bromofluorobenzene	12.847	95	267676	53.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	6735	0.700	ug/l	99
6) Chloroethane	3.101	64	712	0.268	ug/l #	43
10) Methyl Iodide	4.600	142	758	0.331	ug/l #	38
13) Acrolein	4.171	56	236	0.351	ug/l #	44
16) Acetone	4.430	43	442	0.368	ug/l #	40
17) Carbon Disulfide	4.700	76	2510	0.293	ug/l #	75
20) Methylene Chloride	5.265	84	1272	0.332	ug/l #	33
31) Cyclohexane	8.224	56	6507	1.089	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	26770	4.078	ug/l #	48
38) Carbon Tetrachloride	8.224	117	37181	5.536	ug/l #	14
40) Benzene	8.606	78	118	0.378	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2123	0.465	ug/l #	1
71) Bromoform	12.847	173	970	0.254	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	133041	21.138	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	133041	57.259	ug/l #	15
86) p-Isopropyltoluene	13.729	119	756	0.499	ug/l #	83
94) Hexachlorobutadiene	15.494	225	1305	0.518	ug/l	78
96) 1,2,3-Trichlorobenzene	15.847	180	1101	0.223	ug/l	78

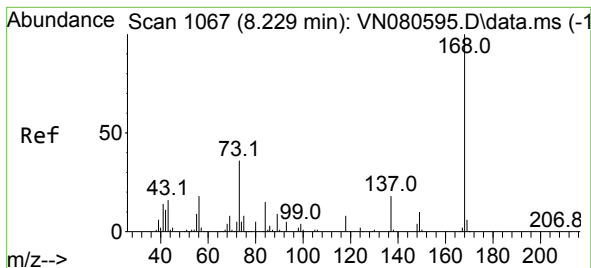
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN080619.D

Acq: 02 Jan 2024 12:47

Instrument :

MSVOA_N

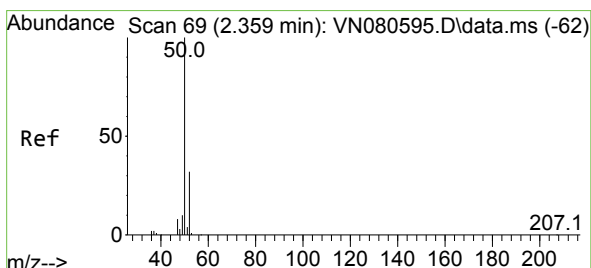
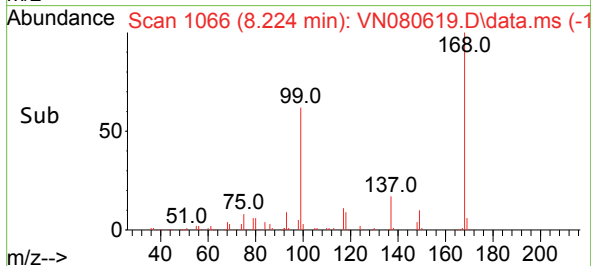
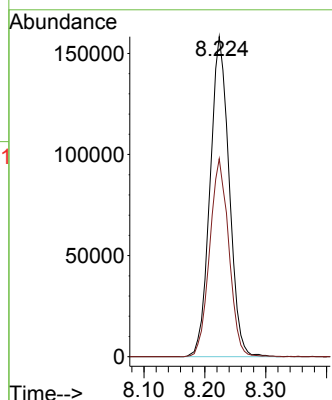
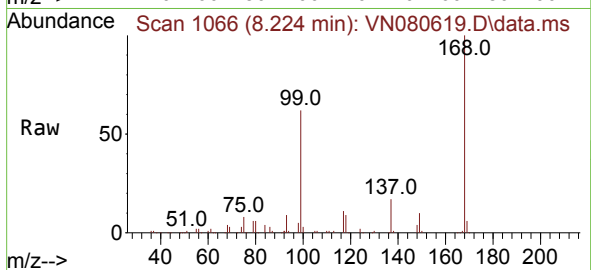
ClientSampleId :

Tgt Ion:168 Resp: 344249

Ion Ratio Lower Upper

168 100

99 61.8 53.0 79.6



#3

Chloromethane

Concen: 0.700 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080619.D

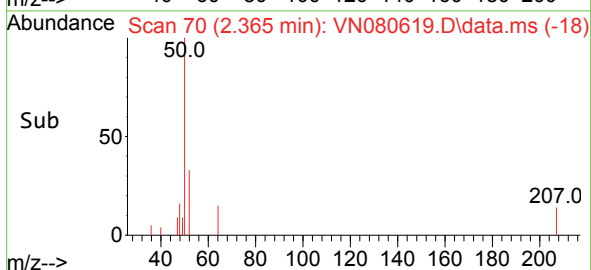
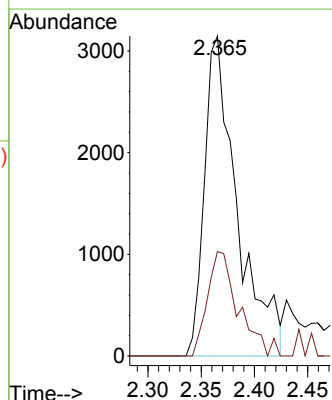
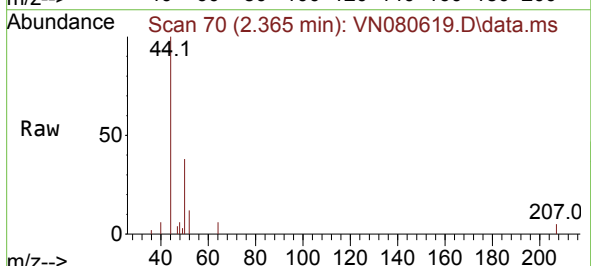
Acq: 02 Jan 2024 12:47

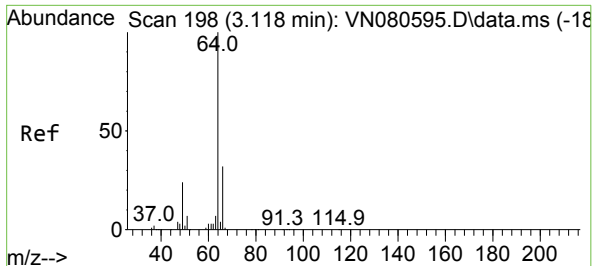
Tgt Ion: 50 Resp: 6735

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7

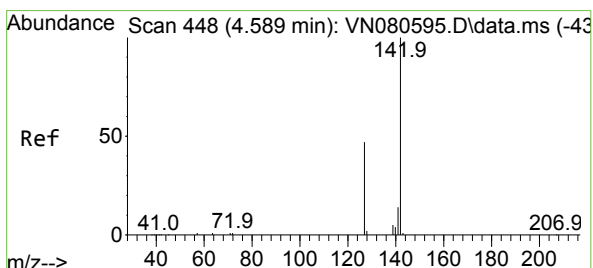
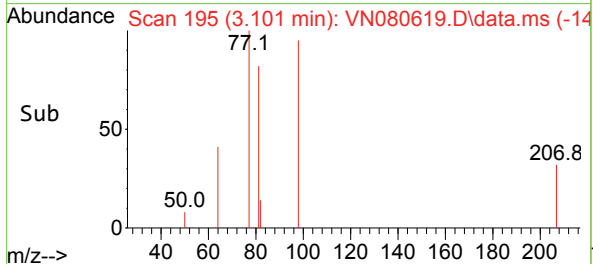
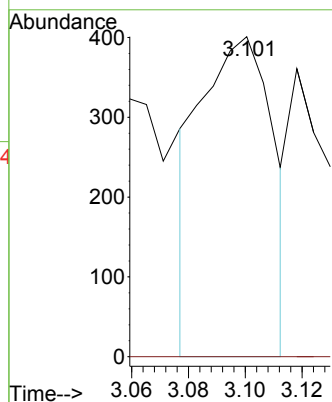
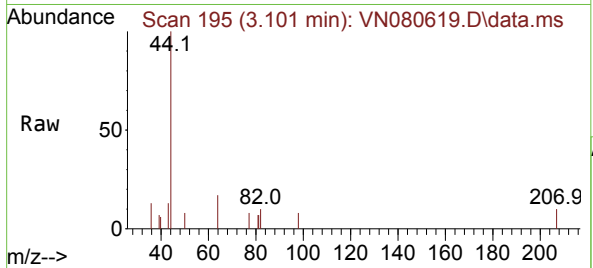




#6
Chloroethane
Concen: 0.268 ug/l
RT: 3.101 min Scan# 14
Delta R.T. -0.017 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

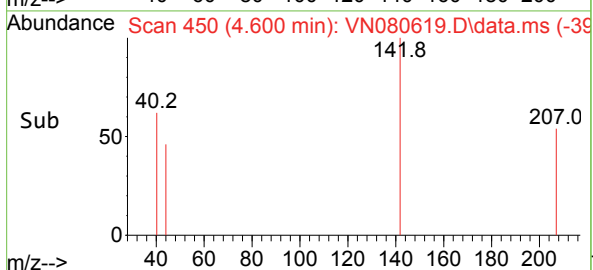
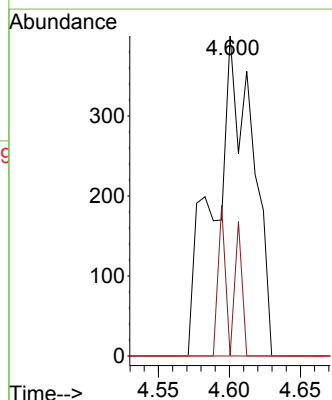
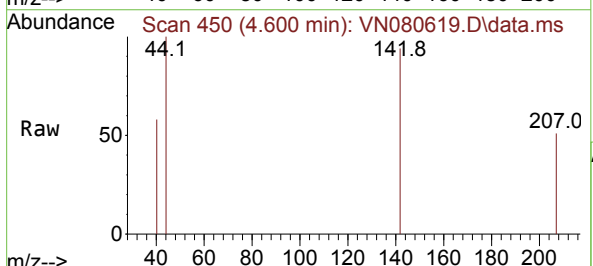
Instrument :
MSVOA_N
ClientSampleId :

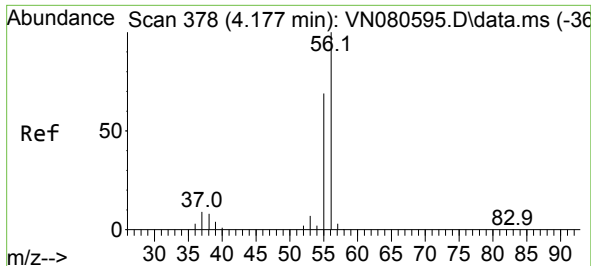
Tgt Ion: 64 Resp: 712
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.331 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.011 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Tgt Ion:142 Resp: 758
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

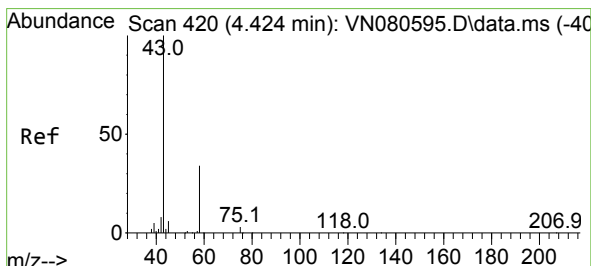
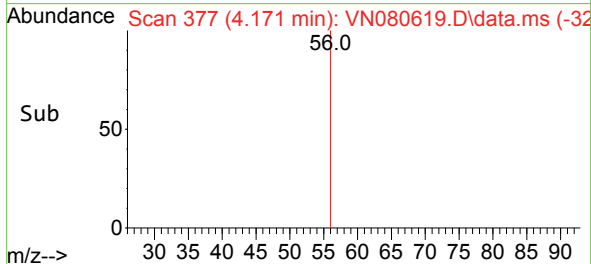
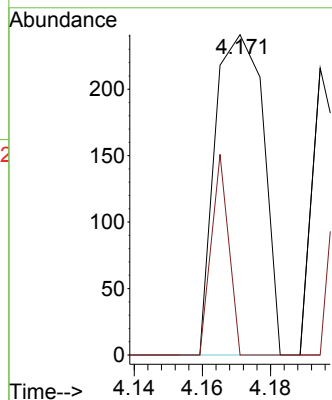
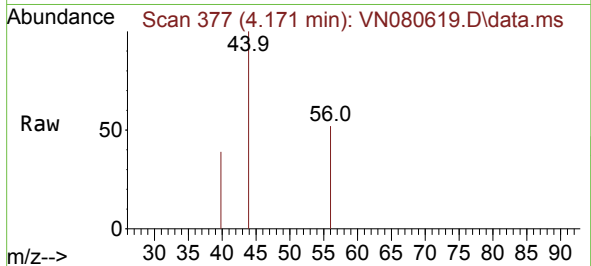




#13
Acrolein
Concen: 0.351 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

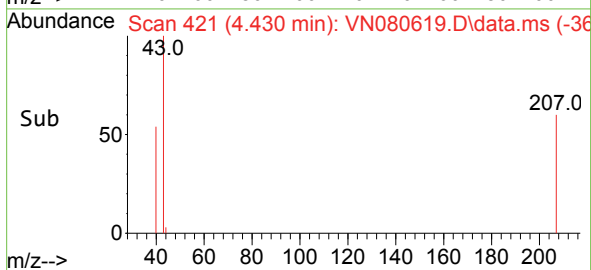
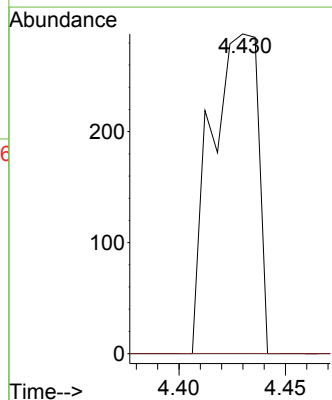
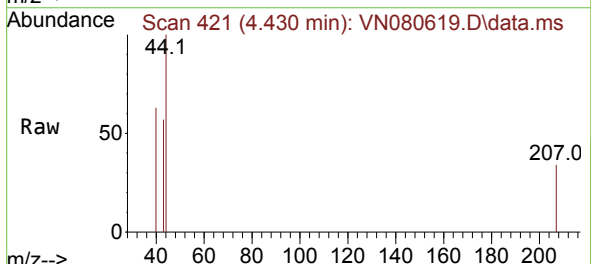
Instrument :
MSVOA_N
ClientSampleId :

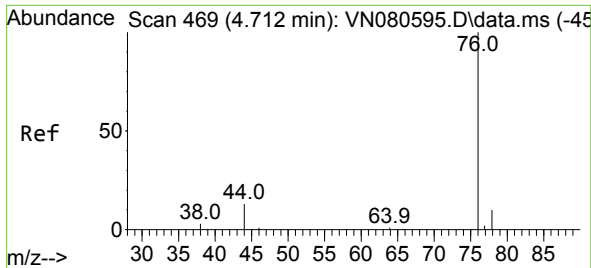
Tgt Ion: 56 Resp: 236
Ion Ratio Lower Upper
56 100
55 22.5 54.5 81.7#



#16
Acetone
Concen: 0.368 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

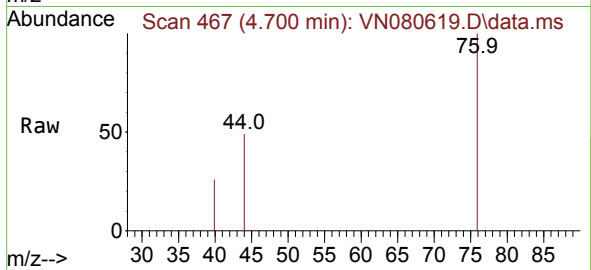
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



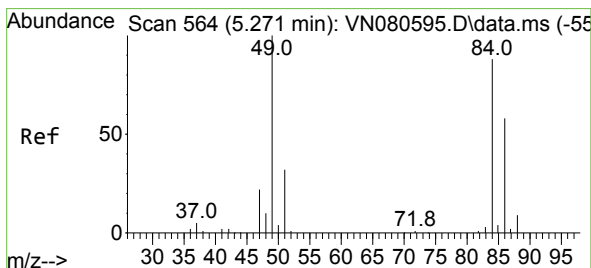
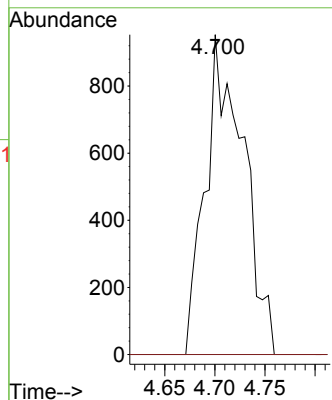
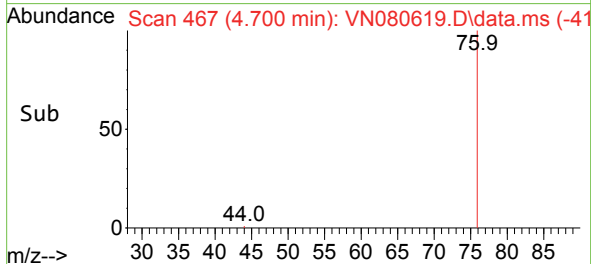


#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

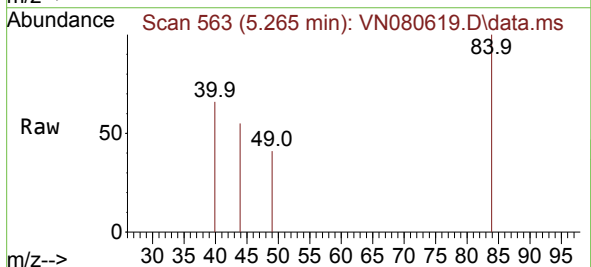
Instrument :
MSVOA_N
ClientSampleId :



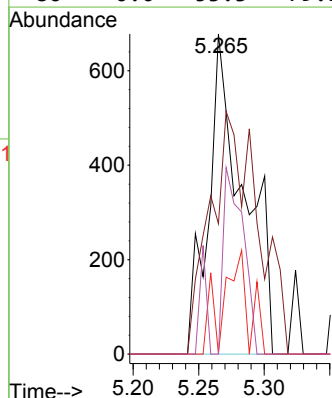
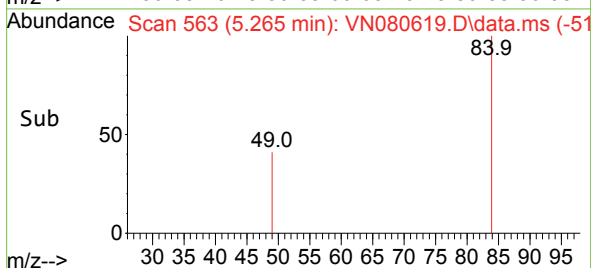
Tgt Ion: 76 Resp: 2510
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

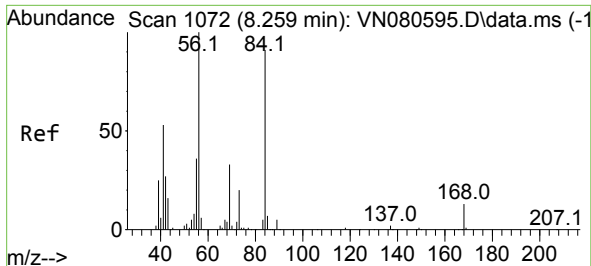


#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47



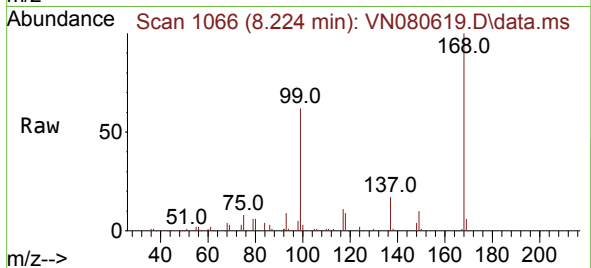
Tgt Ion: 84 Resp: 1272
Ion Ratio Lower Upper
84 100
49 40.7 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



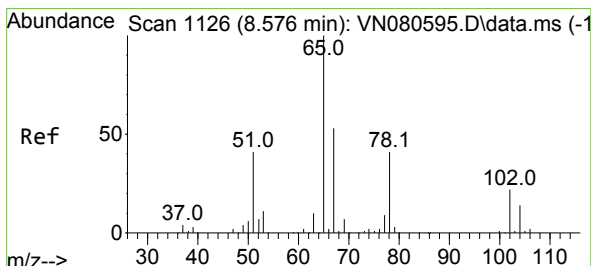
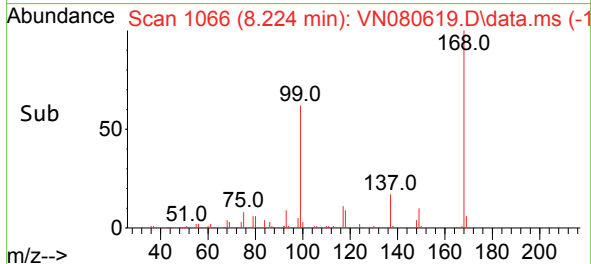
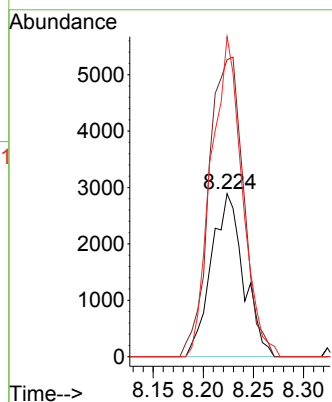


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Instrument :
MSVOA_N
ClientSampleId :

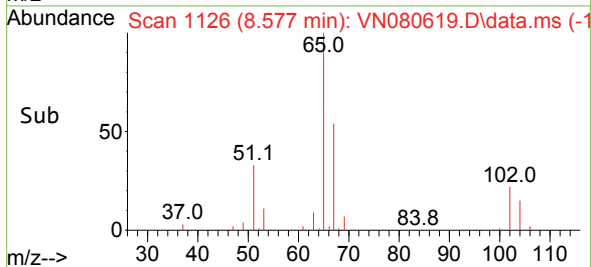
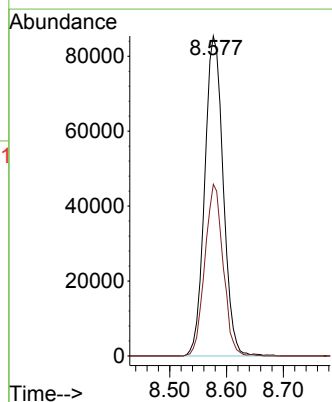
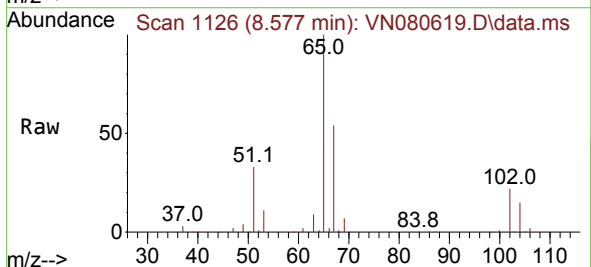


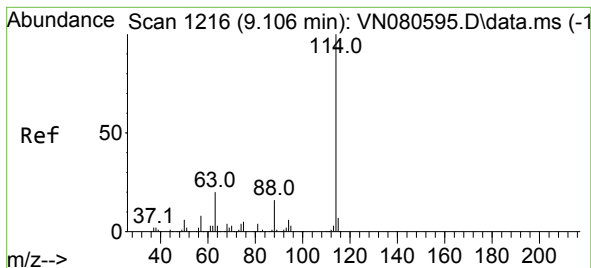
Tgt Ion: 56 Resp: 6507
Ion Ratio Lower Upper
56 100
69 182.1 26.8 40.2#
84 196.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 43.647 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Tgt Ion: 65 Resp: 192733
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080619.D

Acq: 02 Jan 2024 12:47

Instrument :

MSVOA_N

ClientSampleId :

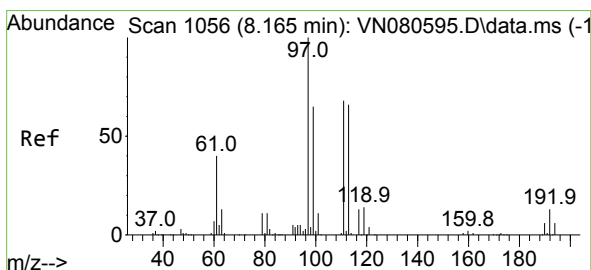
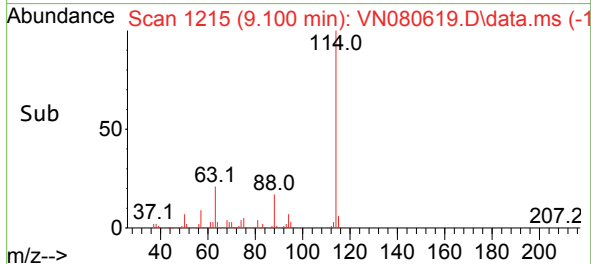
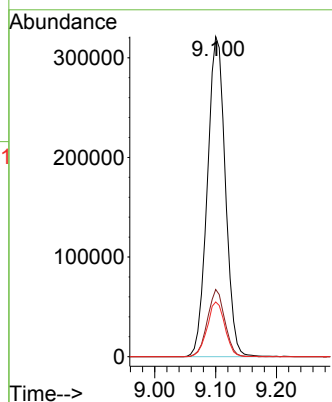
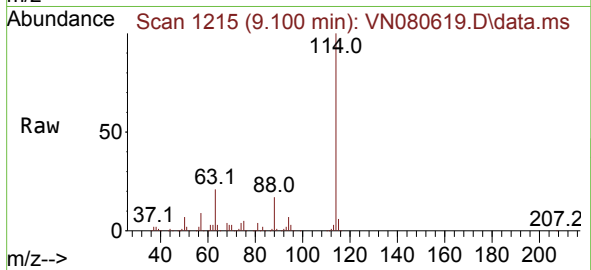
Tgt Ion:114 Resp: 659513

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.120 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080619.D

Acq: 02 Jan 2024 12:47

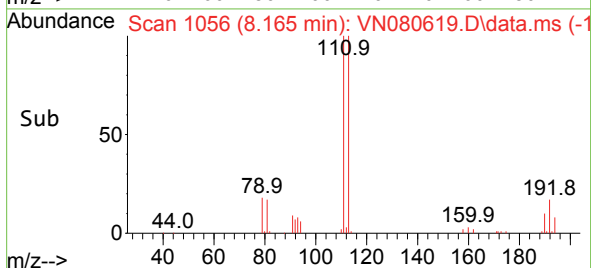
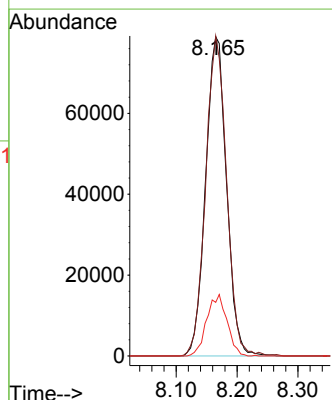
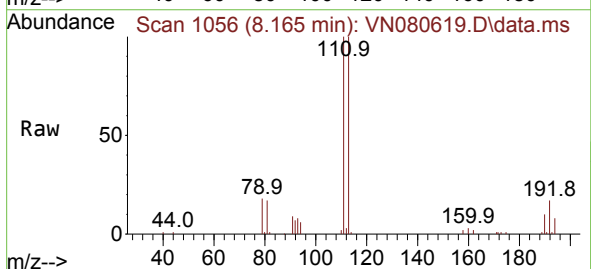
Tgt Ion:113 Resp: 188192

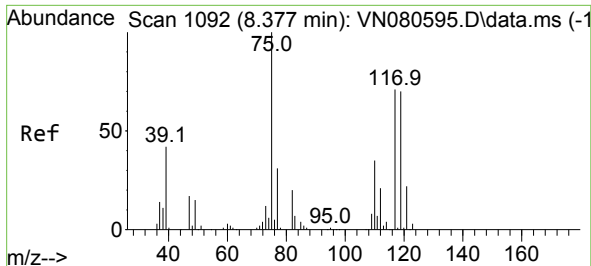
Ion Ratio Lower Upper

113 100

111 100.3 82.6 123.8

192 18.7 12.7 19.1

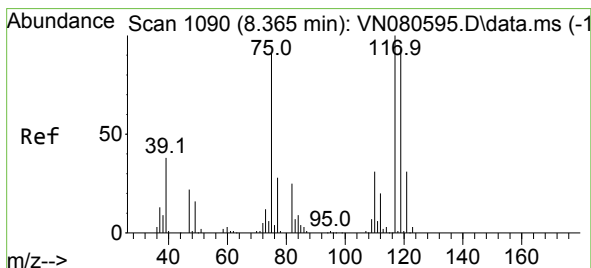
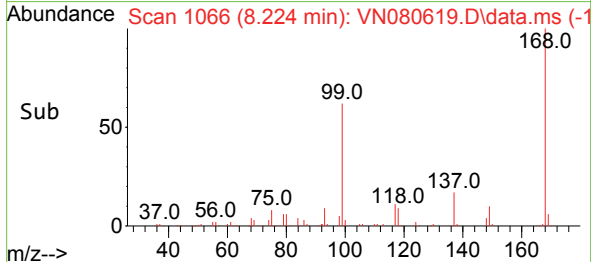
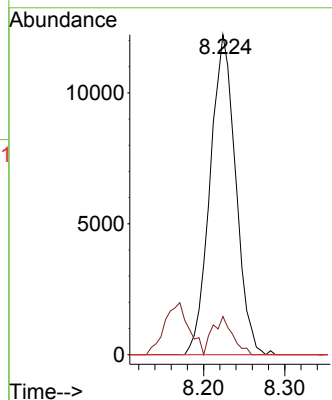
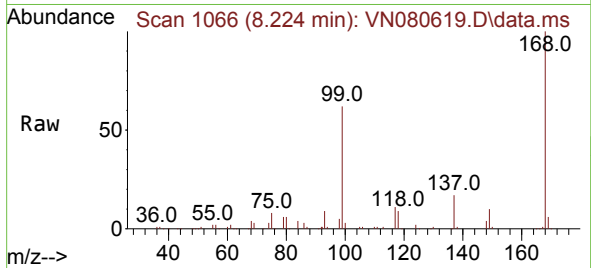




#36
1,1-Dichloropropene
Concen: 4.078 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

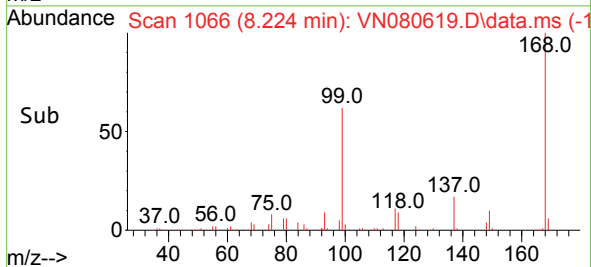
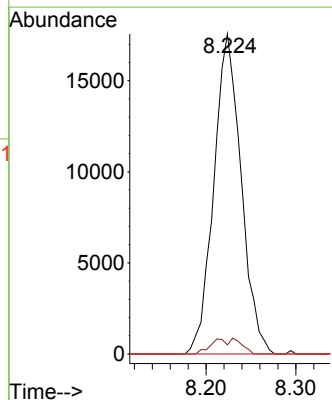
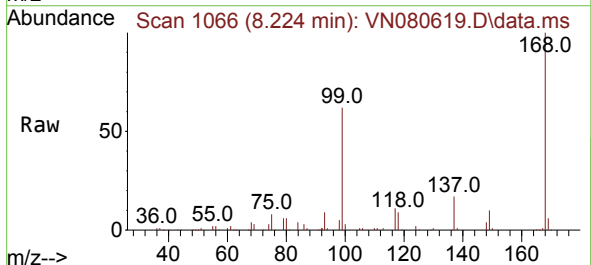
Instrument :
MSVOA_N
ClientSampleId :

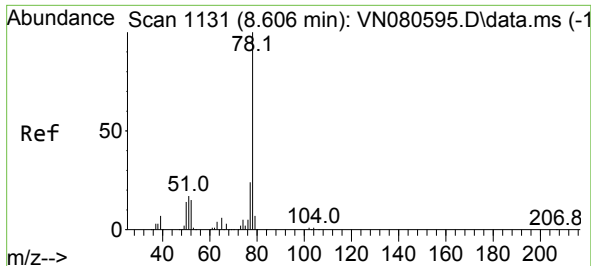
Tgt Ion: 75 Resp: 26770
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.536 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Tgt Ion: 117 Resp: 37181
Ion Ratio Lower Upper
117 100
119 2.9 77.3 115.9#
121 0.0 23.3 34.9#

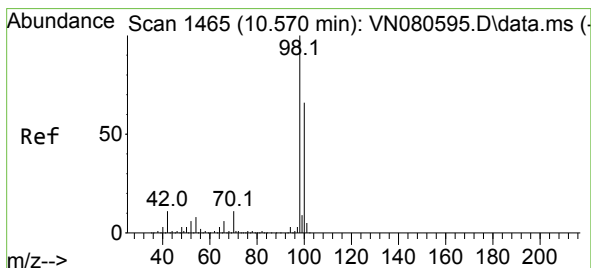
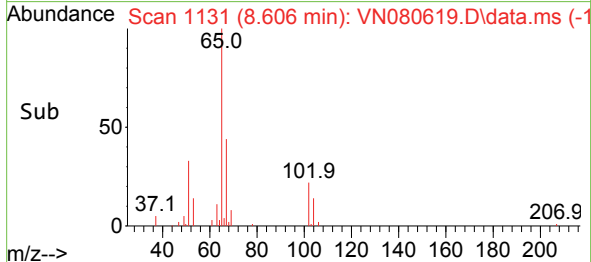
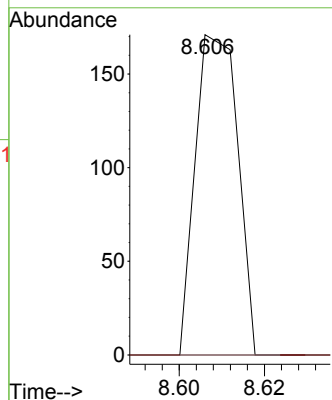
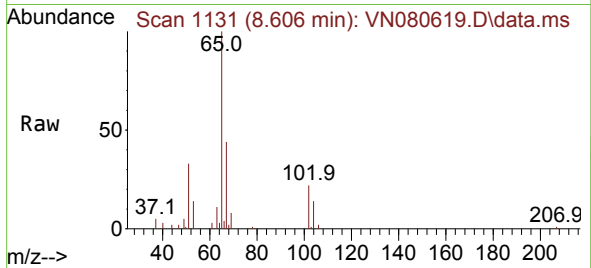




#40
Benzene
Concen: 0.378 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

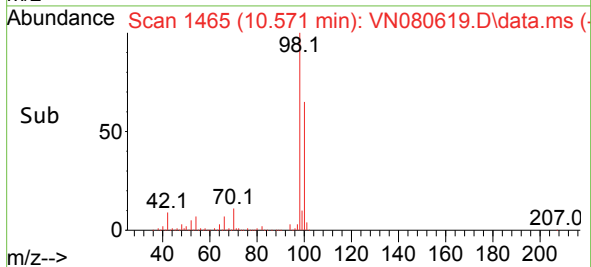
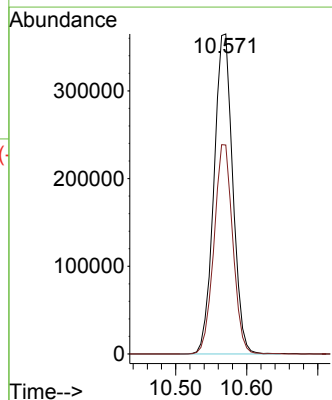
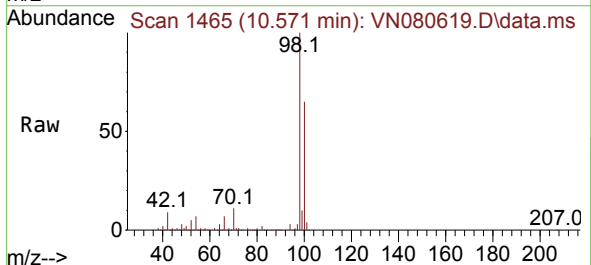
Instrument :
MSVOA_N
ClientSampleId :

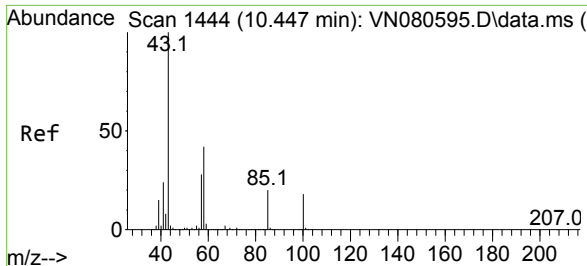
Tgt Ion: 78 Resp: 118
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#



#50
Toluene-d8
Concen: 44.921 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Tgt Ion: 98 Resp: 669008
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

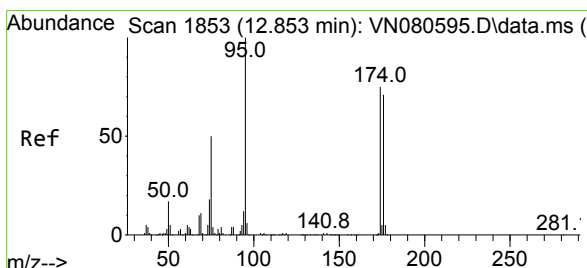
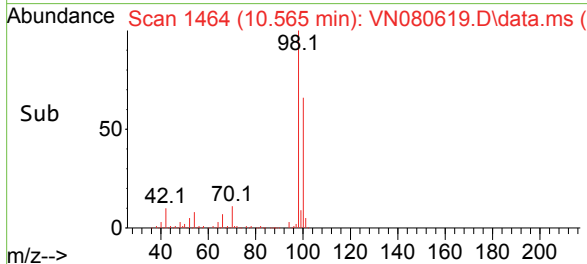
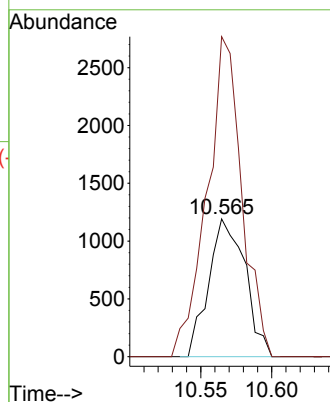
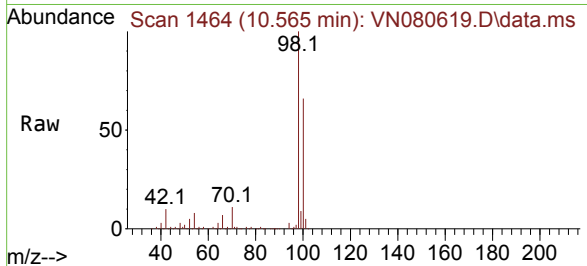




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

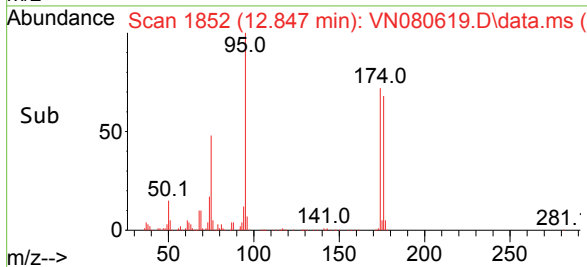
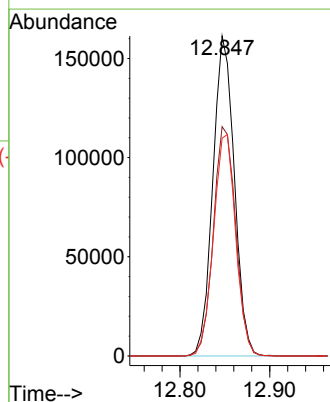
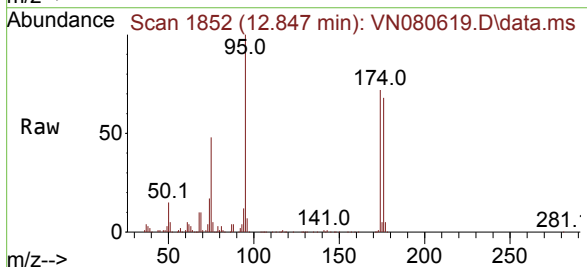
Instrument :
MSVOA_N
ClientSampleId :

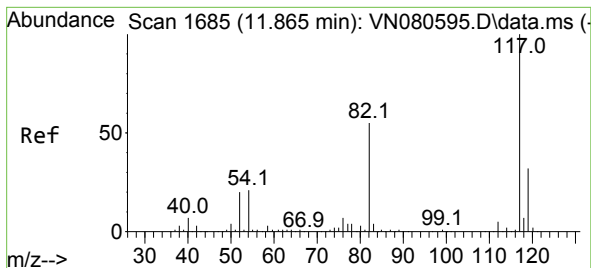
Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 221.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 53.405 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Tgt Ion: 95 Resp: 267676
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 71.7 0.0 135.8

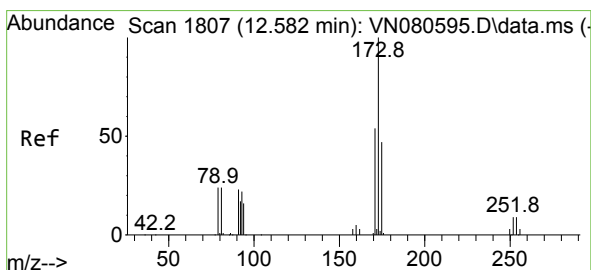
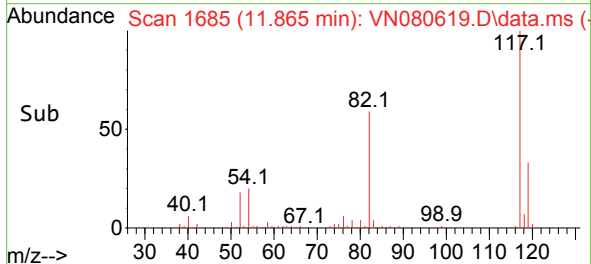
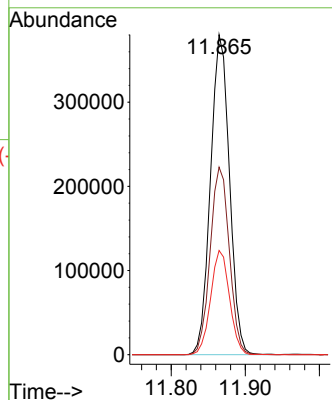
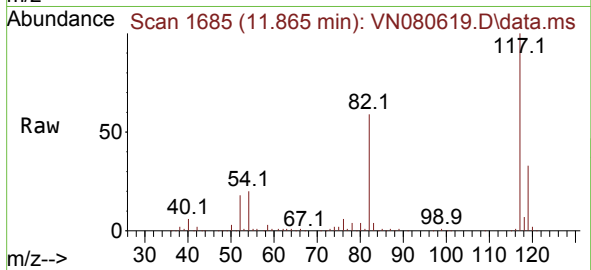




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

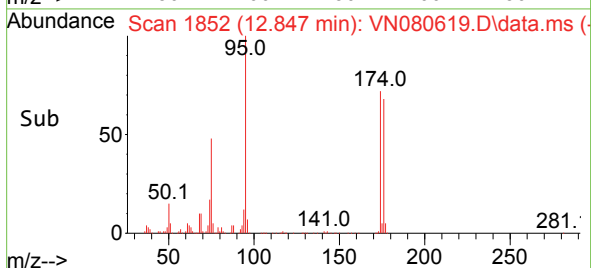
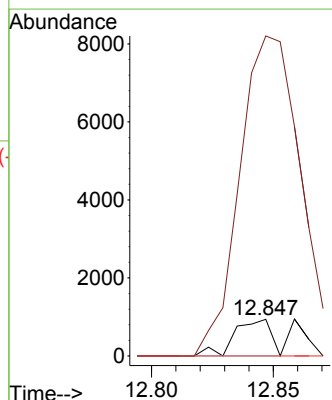
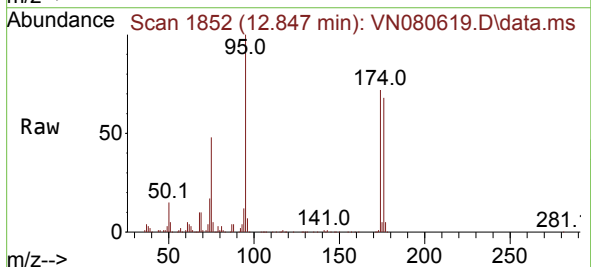
Instrument :
MSVOA_N
ClientSampleId :

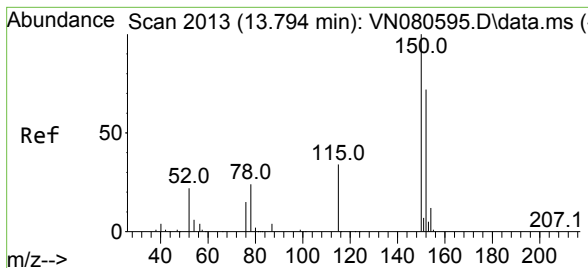
Tgt Ion:117 Resp: 675790
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.5 25.6 38.4



#71
Bromoform
Concen: 0.254 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Tgt Ion:173 Resp: 970
Ion Ratio Lower Upper
173 100
175 1289.2 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

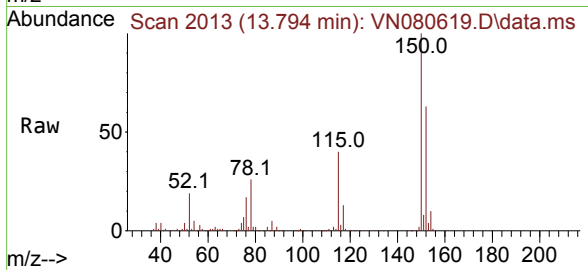
Lab File: VN080619.D

Acq: 02 Jan 2024 12:47

Instrument :

MSVOA_N

ClientSampleId :



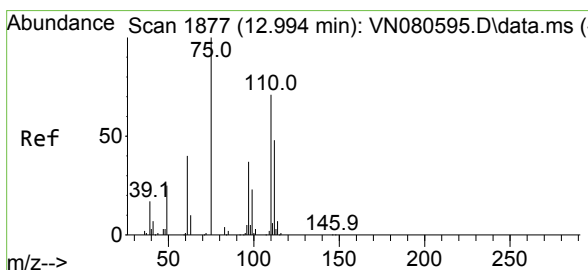
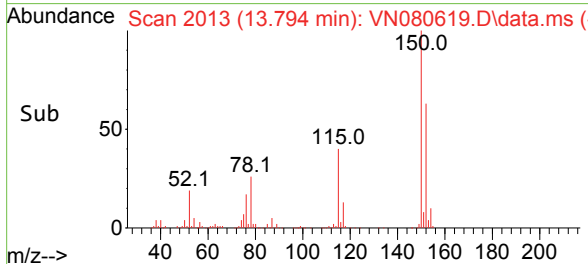
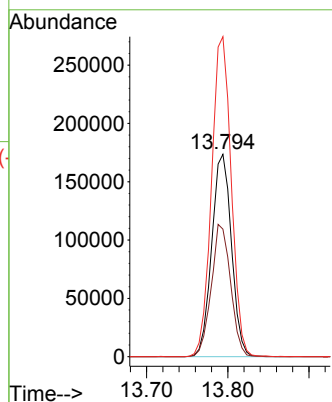
Tgt Ion:152 Resp: 292621

Ion Ratio Lower Upper

152 100

115 64.0 32.3 96.8

150 157.8 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 21.138 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080619.D

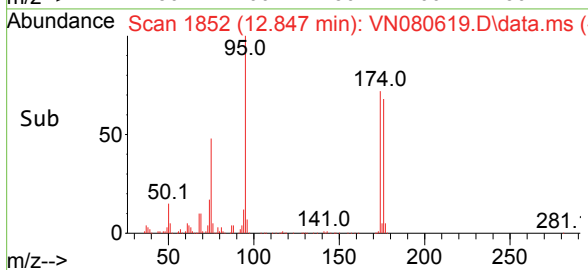
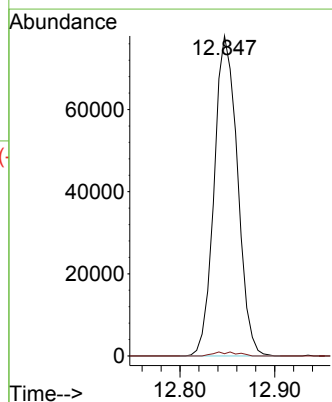
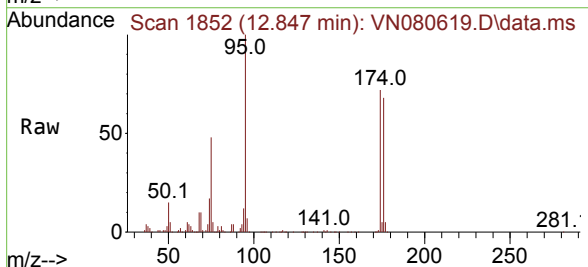
Acq: 02 Jan 2024 12:47

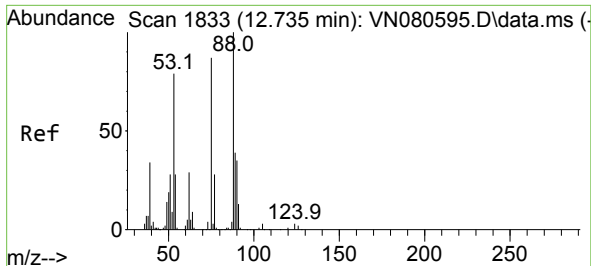
Tgt Ion: 75 Resp: 133041

Ion Ratio Lower Upper

75 100

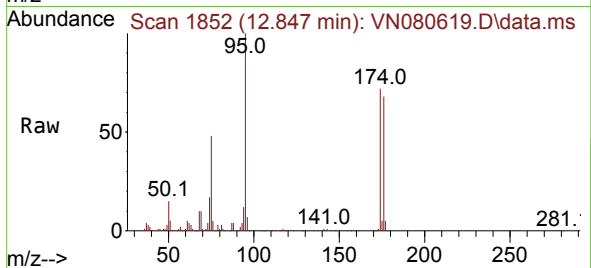
77 1.3 84.5 253.5#



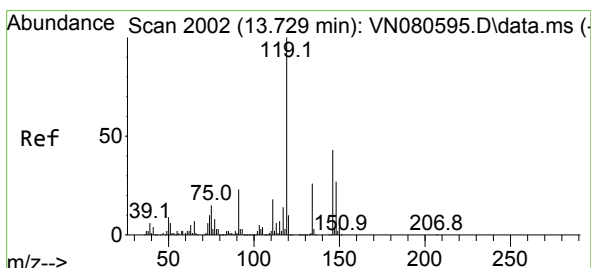
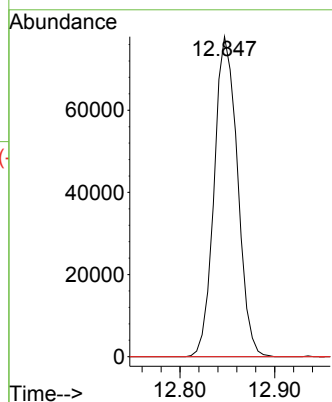
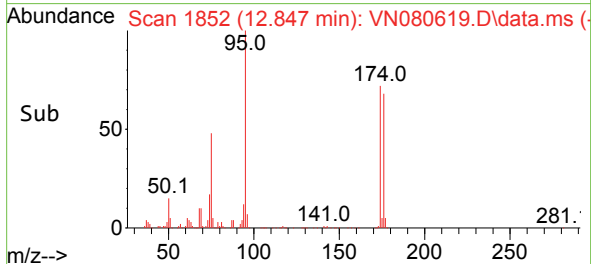


#81
trans-1,4-Dichloro-2-butene
Concen: 57.259 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Instrument :
MSVOA_N
ClientSampleId :

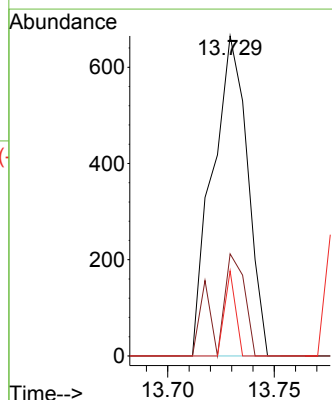
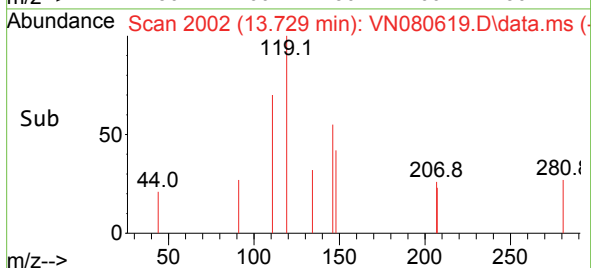
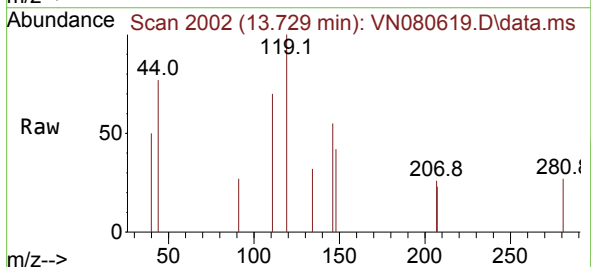


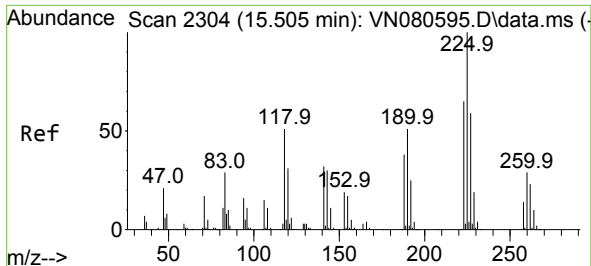
Tgt Ion: 75 Resp: 133041
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#86
p-Isopropyltoluene
Concen: 0.499 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Tgt Ion: 119 Resp: 756
Ion Ratio Lower Upper
119 100
134 25.1 12.6 37.8
91 8.2 12.4 37.2#

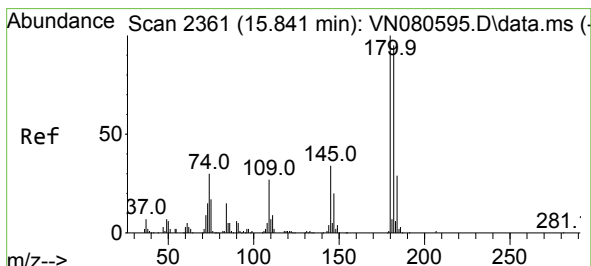
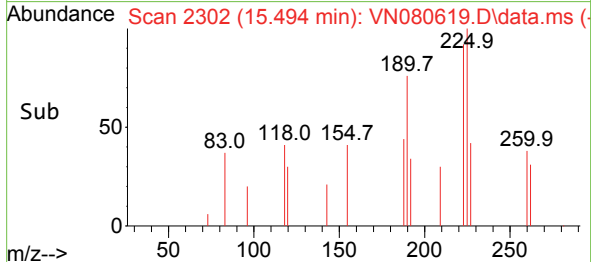
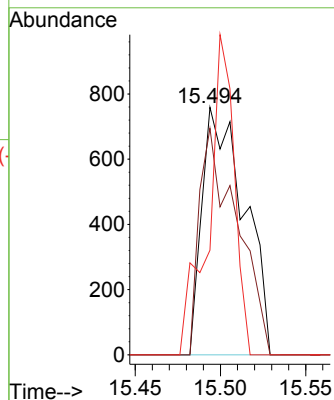
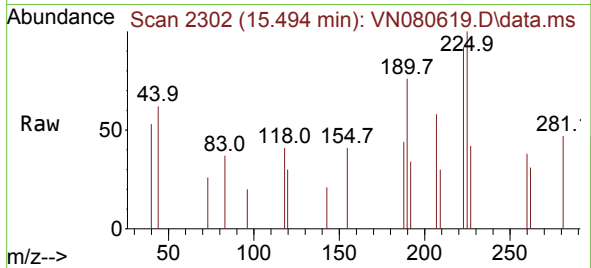




#94
Hexachlorobutadiene
Concen: 0.518 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 1305
Ion Ratio Lower Upper
225 100
223 81.7 31.3 93.8
227 79.1 31.9 95.9



#96
1,2,3-Trichlorobenzene
Concen: 0.223 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080619.D
Acq: 02 Jan 2024 12:47

Tgt Ion:180 Resp: 1101
Ion Ratio Lower Upper
180 100
182 66.3 46.2 138.6
145 29.6 17.5 52.6

