

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081713.D
 Acq On : 12 Apr 2024 13:20
 Operator : JC\MD
 Sample : P2073-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 13 06:55:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

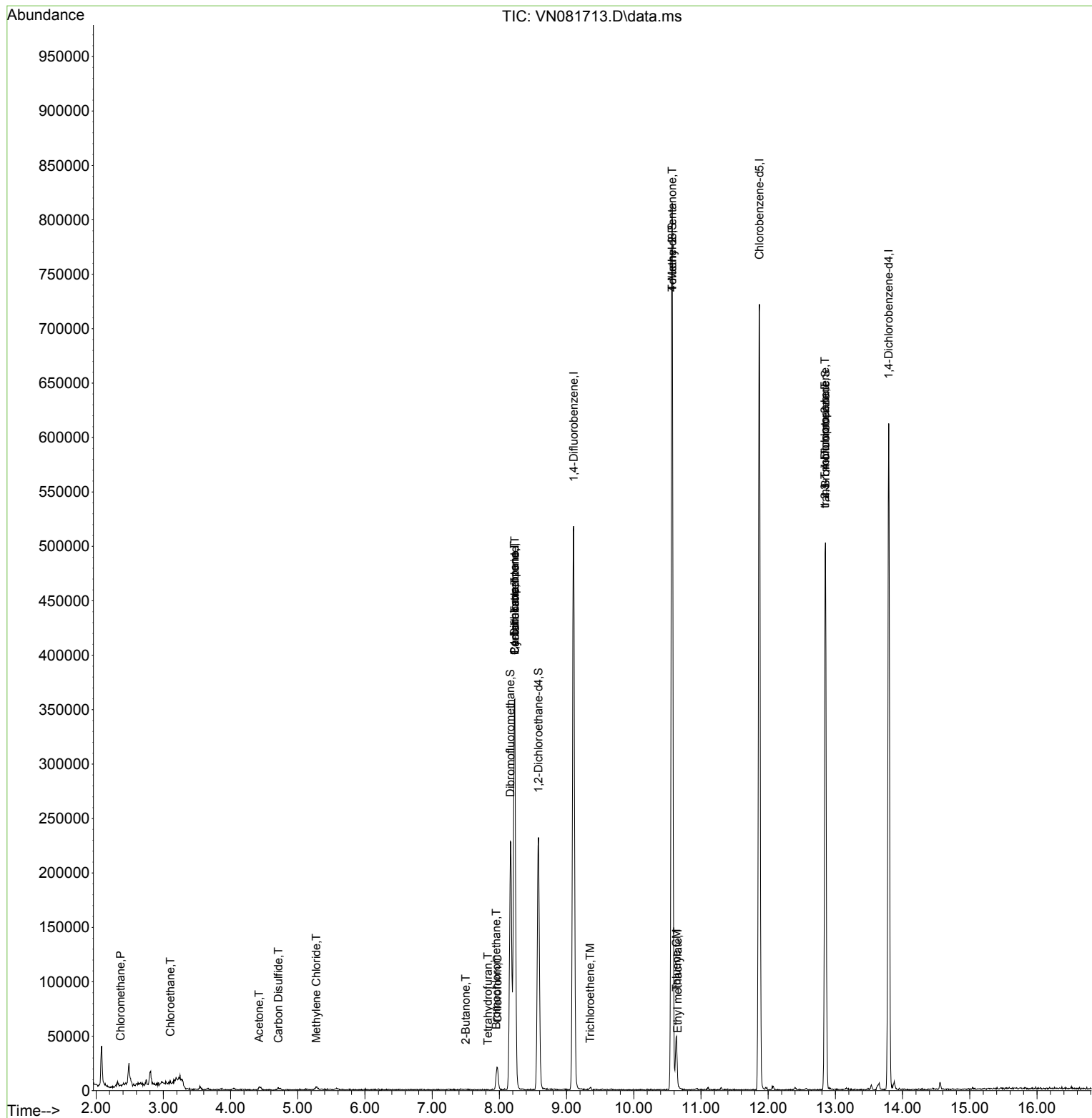
Internal Standards						
1) Pentafluorobenzene	8.229	168	253121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	458568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	422649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	188404	58.366	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.740%	
35) Dibromofluoromethane	8.165	113	160574	55.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.960%	
50) Toluene-d8	10.570	98	567835	54.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.853	95	173667	47.112	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1026	0.302	ug/l	98
6) Chloroethane	3.106	64	847	0.324	ug/l #	42
16) Acetone	4.424	43	2218	2.126	ug/l #	84
17) Carbon Disulfide	4.712	76	2520	0.294	ug/l #	78
20) Methylene Chloride	5.277	84	2280	0.667	ug/l #	44
25) 2-Butanone	7.500	43	823	0.460	ug/l #	51
28) Bromochloromethane	7.953	49	1183	0.499	ug/l #	26
29) Tetrahydrofuran	7.829	42	255	0.212	ug/l #	38
30) Chloroform	7.971	83	20338	3.261	ug/l	95
31) Cyclohexane	8.229	56	6833	1.301	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	21946	4.506	ug/l #	50
38) Carbon Tetrachloride	8.229	117	27442	5.144	ug/l #	19
44) Trichloroethene	9.353	130	958	0.239	ug/l	40
51) 4-Methyl-2-Pentanone	10.570	43	2520	0.597	ug/l #	1
52) Toluene	10.635	92	19415	2.145	ug/l	92
56) Ethyl methacrylate	10.653	69	55	0.581	ug/l #	20
76) 1,2,3-Trichloropropane	12.847	75	90625	23.410	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	90625	63.262	ug/l #	14

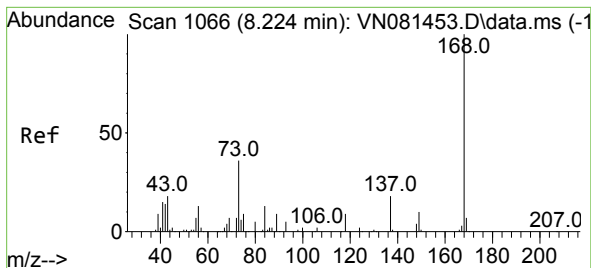
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN081713.D

Acq: 12 Apr 2024 13:20

Instrument :

MSVOA_N

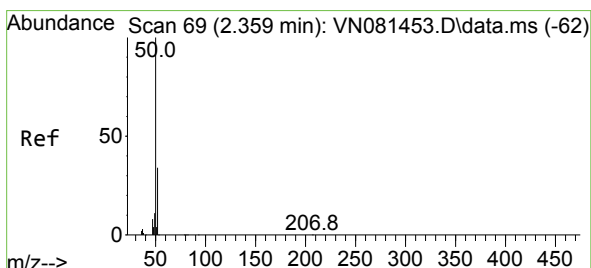
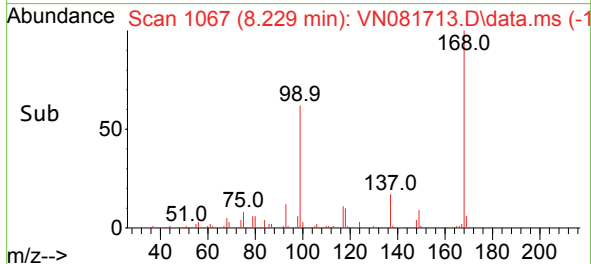
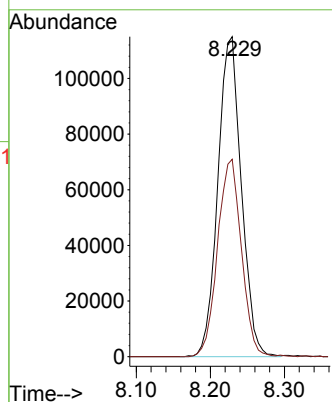
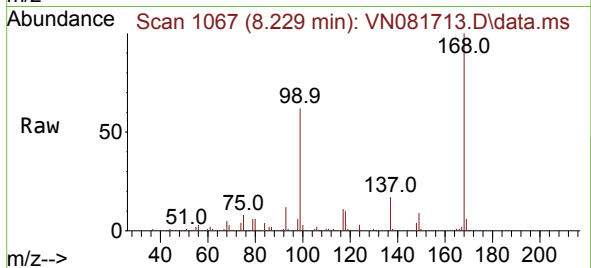
ClientSampleId :

Tgt Ion:168 Resp: 253121

Ion Ratio Lower Upper

168 100

99 61.7 59.9 89.9



#3

Chloromethane

Concen: 0.302 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081713.D

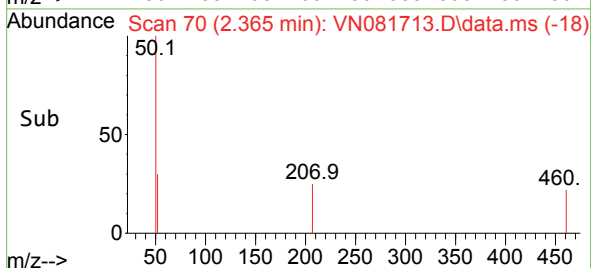
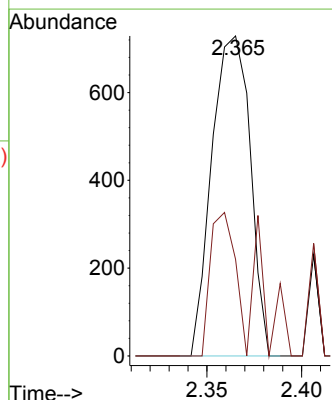
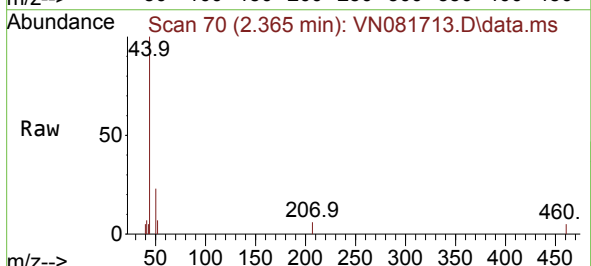
Acq: 12 Apr 2024 13:20

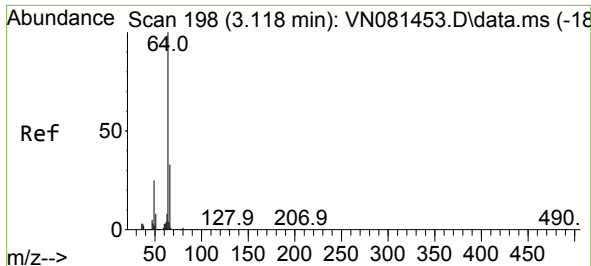
Tgt Ion: 50 Resp: 1026

Ion Ratio Lower Upper

50 100

52 30.2 25.0 37.4

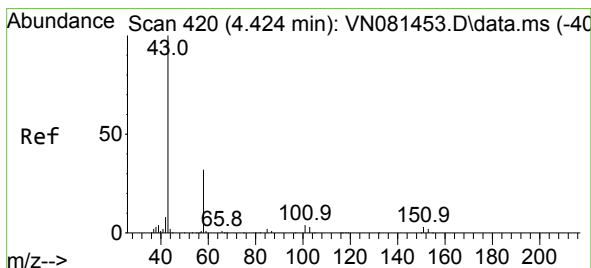
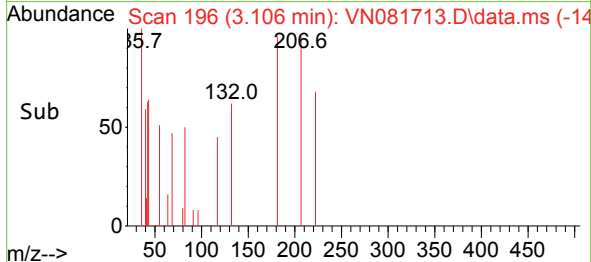
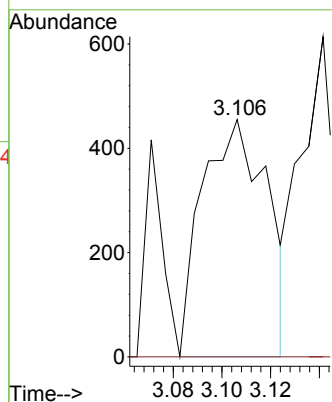
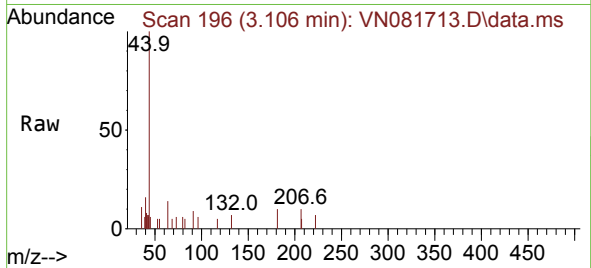




#6
Chloroethane
Concen: 0.324 ug/l
RT: 3.106 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

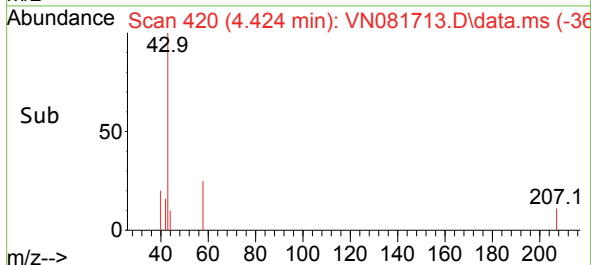
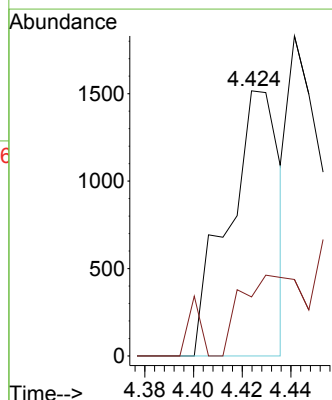
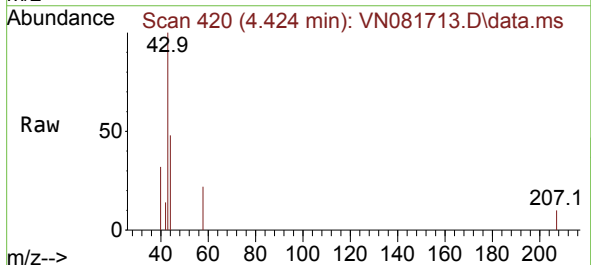
Instrument :
MSVOA_N
ClientSampleId :

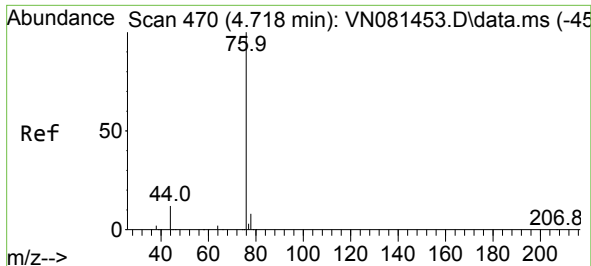
Tgt Ion: 64 Resp: 847
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#16
Acetone
Concen: 2.126 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

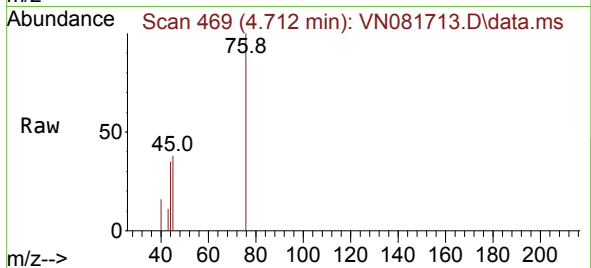
Tgt Ion: 43 Resp: 2218
Ion Ratio Lower Upper
43 100
58 22.3 24.8 37.2#



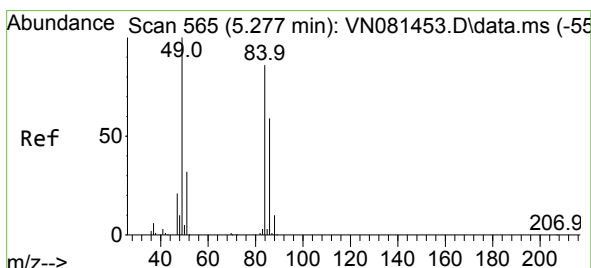
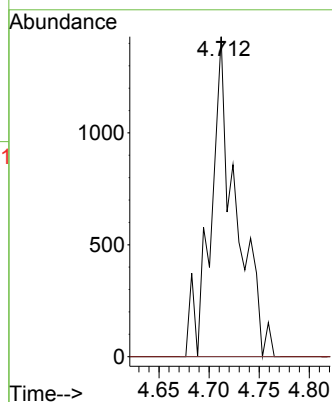
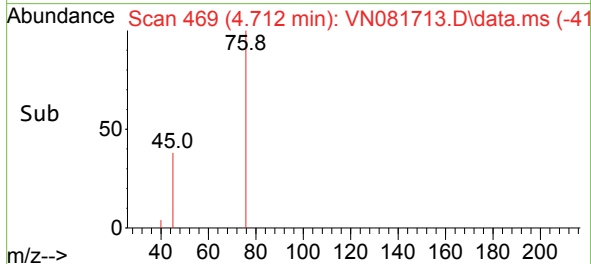


#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :

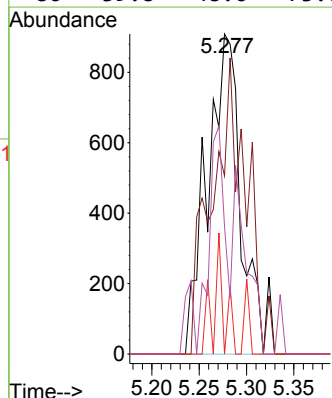
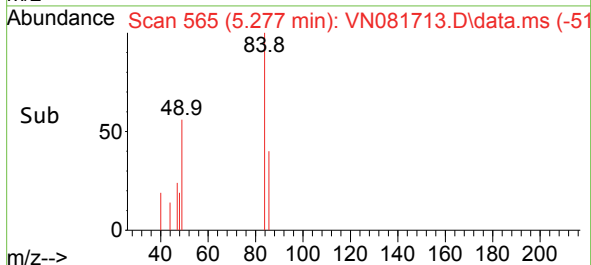
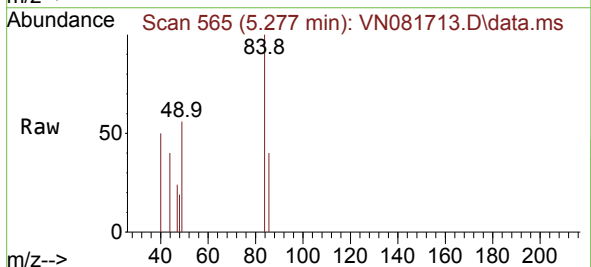


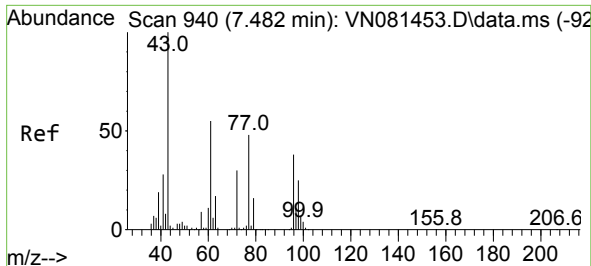
Tgt Ion: 76 Resp: 2520
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#20
Methylene Chloride
Concen: 0.667 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Tgt Ion: 84 Resp: 2280
Ion Ratio Lower Upper
84 100
49 55.7 108.1 162.1#
51 0.0 32.9 49.3#
86 39.8 48.6 73.0#

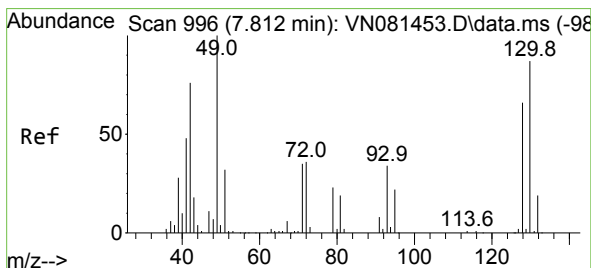
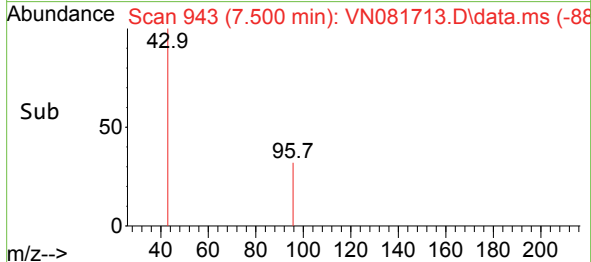
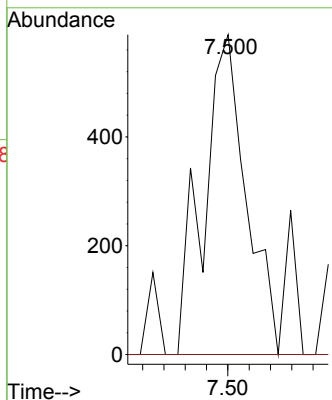
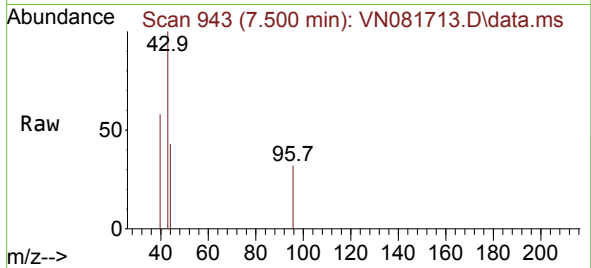




#25
2-Butanone
Concen: 0.460 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

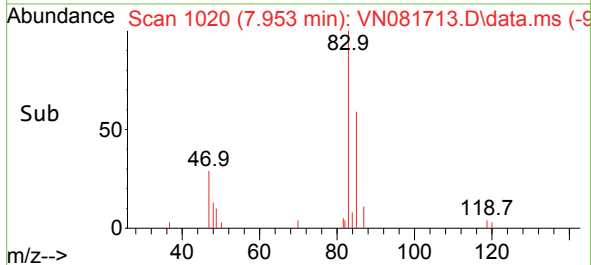
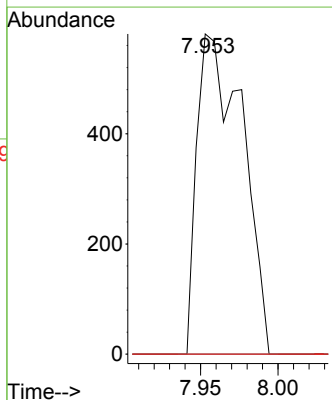
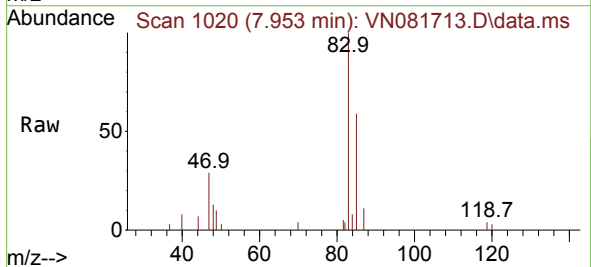
Instrument :
MSVOA_N
ClientSampleId :

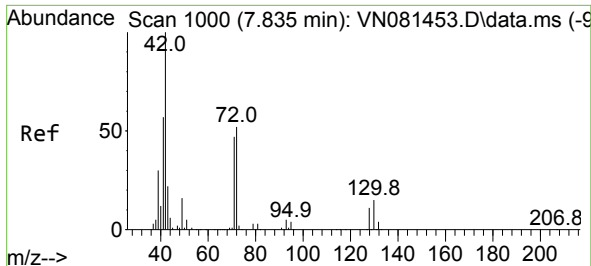
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#28
Bromochloromethane
Concen: 0.499 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.141 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Tgt Ion: 49 Resp: 1183
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 0.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 0.212 ug/l

RT: 7.829 min Scan# 999

Delta R.T. -0.006 min

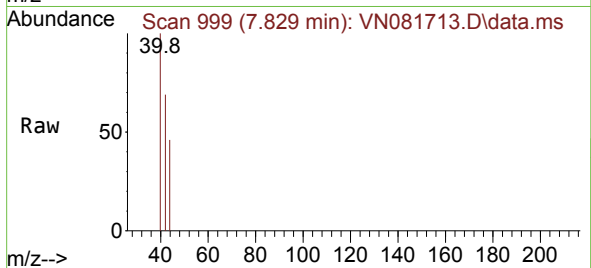
Lab File: VN081713.D

Acq: 12 Apr 2024 13:20

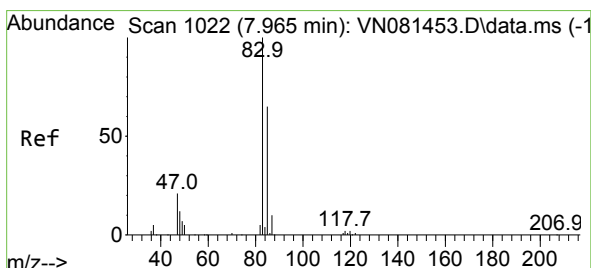
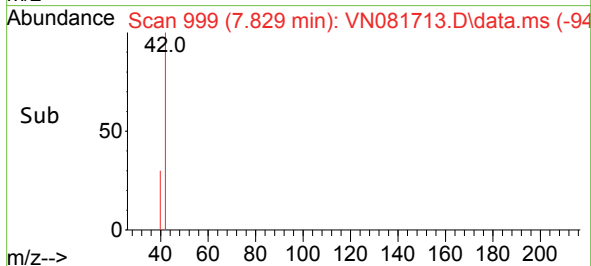
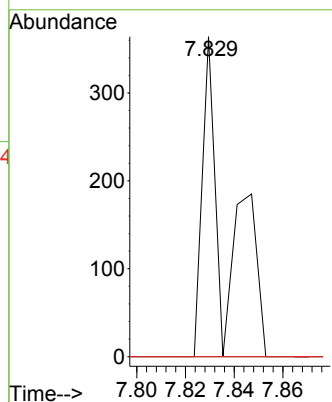
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	255
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.1	46.7#
71	0.0	28.3	42.5#



#30

Chloroform

Concen: 3.261 ug/l

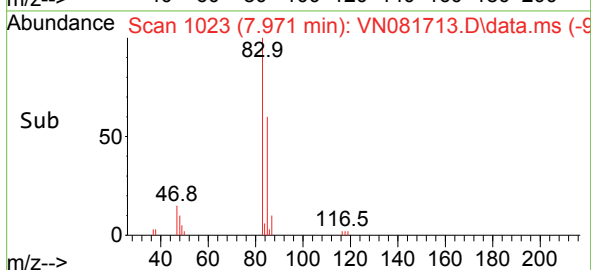
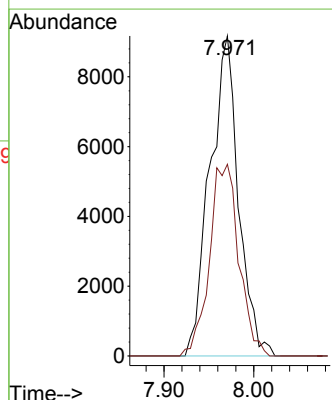
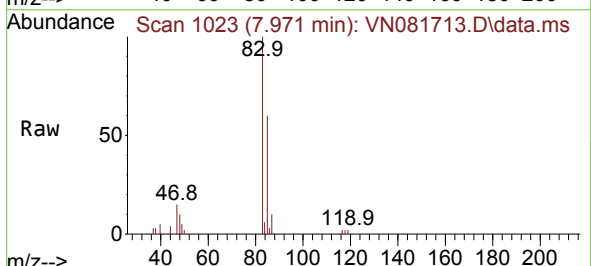
RT: 7.971 min Scan# 1023

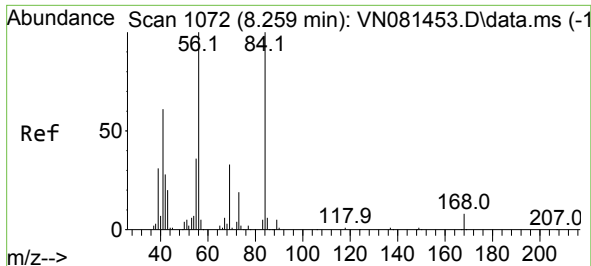
Delta R.T. 0.006 min

Lab File: VN081713.D

Acq: 12 Apr 2024 13:20

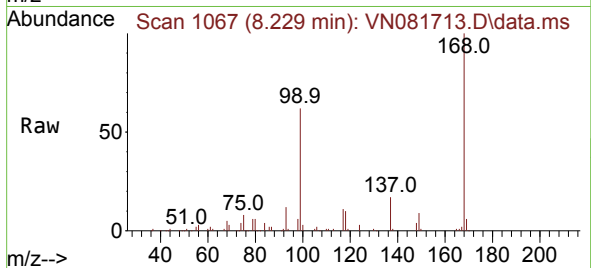
Tgt Ion:	83	Resp:	20338
Ion	Ratio	Lower	Upper
83	100		
85	59.9	51.0	76.6



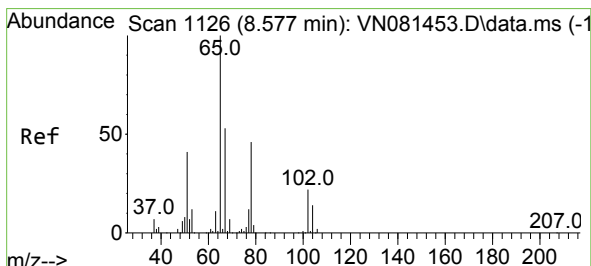
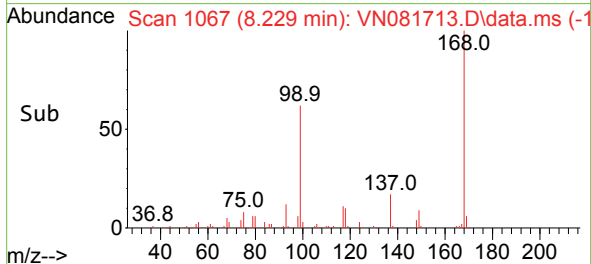
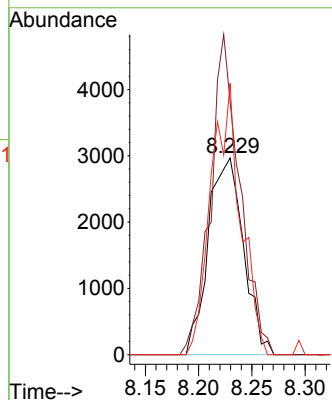


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

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ClientSampleId :

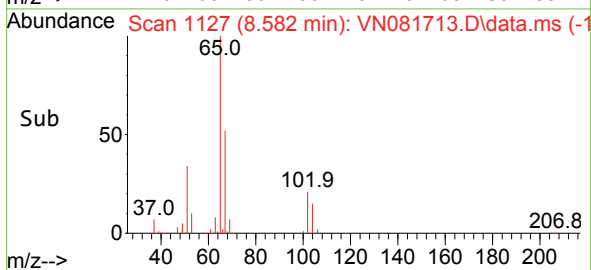
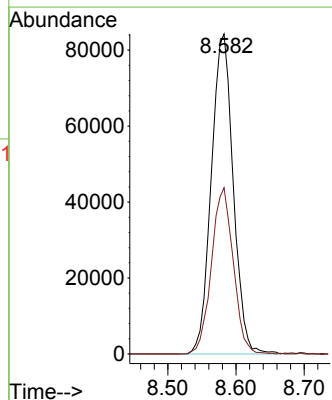
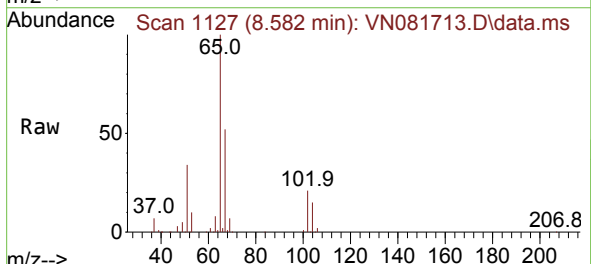


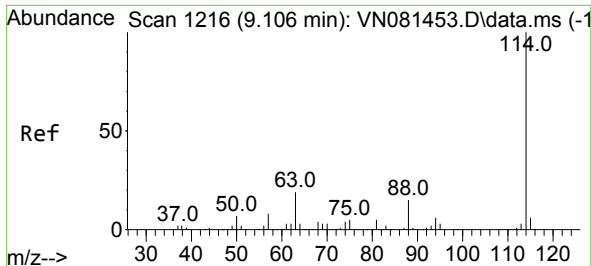
Tgt Ion: 56 Resp: 6833
Ion Ratio Lower Upper
56 100
69 128.5 20.1 30.1#
84 138.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 58.366 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Tgt Ion: 65 Resp: 188404
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081713.D

Acq: 12 Apr 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

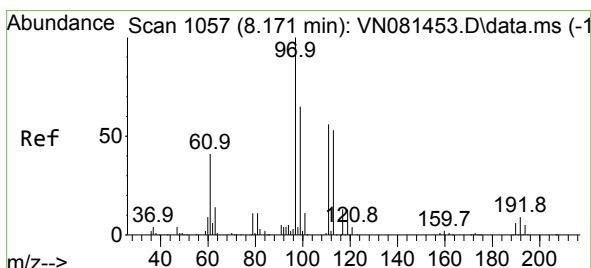
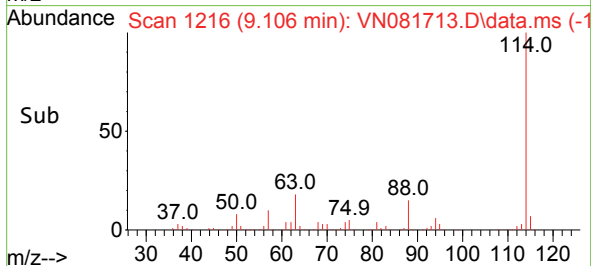
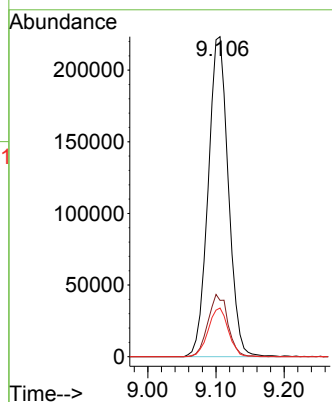
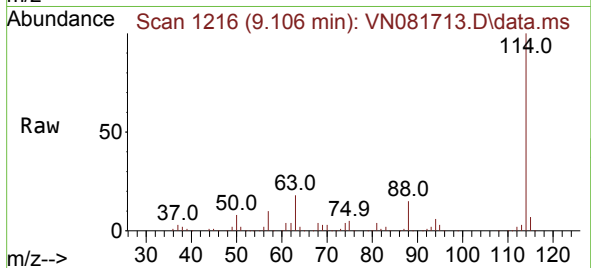
Tgt Ion:114 Resp: 458568

Ion Ratio Lower Upper

114 100

63 17.6 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 55.485 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081713.D

Acq: 12 Apr 2024 13:20

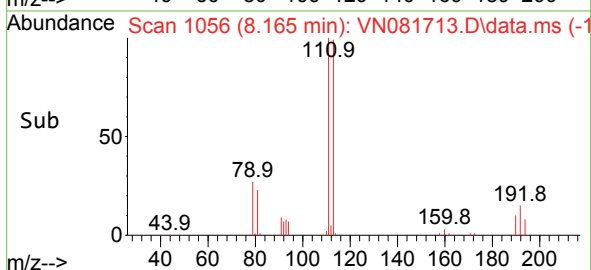
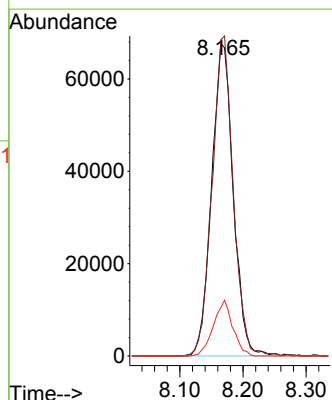
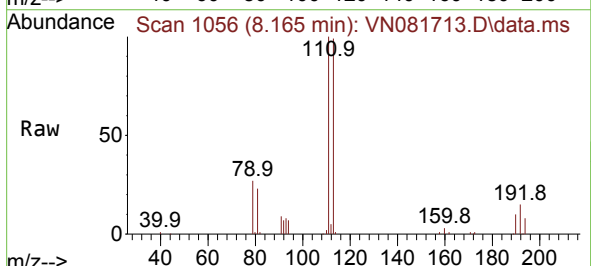
Tgt Ion:113 Resp: 160574

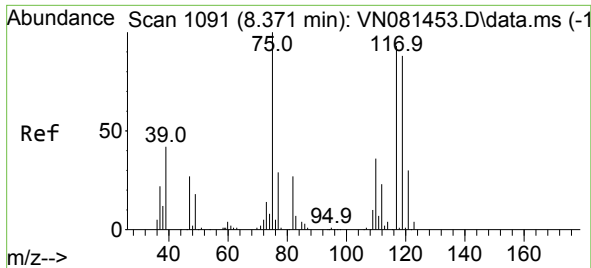
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

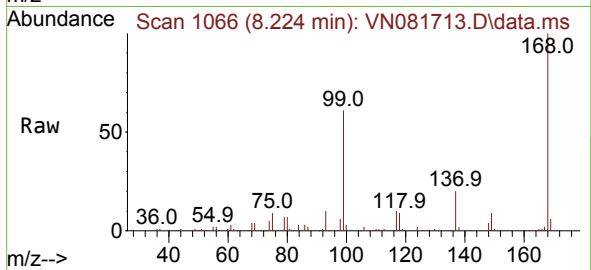
192 16.1 12.5 18.7



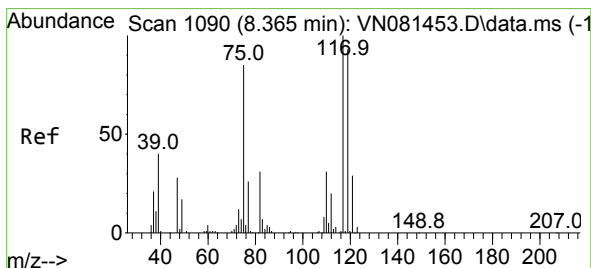
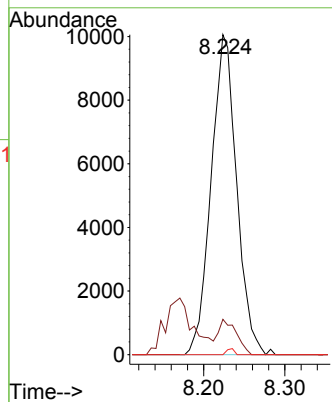
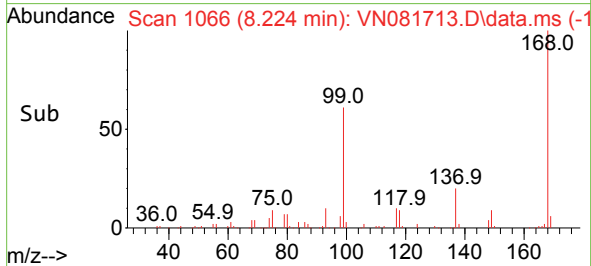


#36
1,1-Dichloropropene
Concen: 4.506 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :

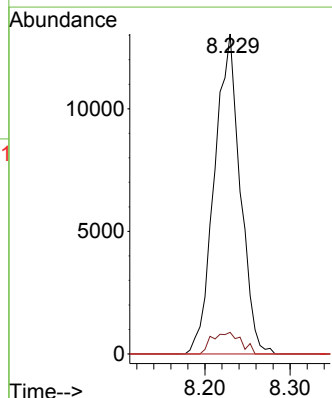
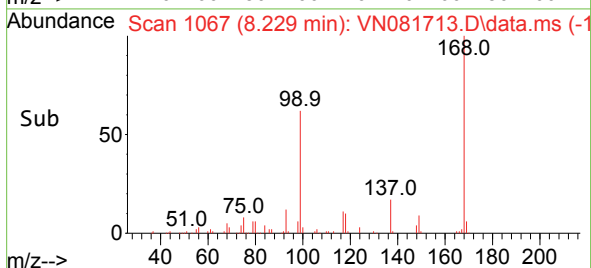
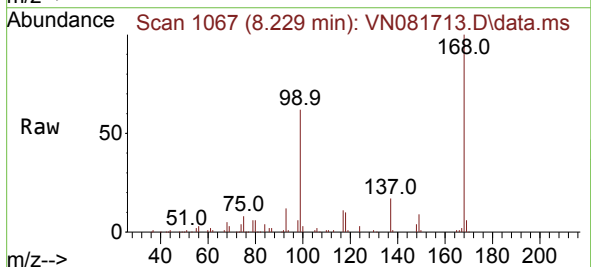


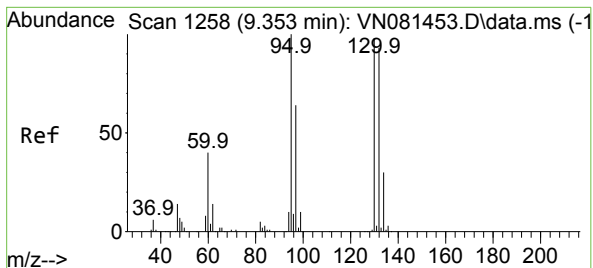
Tgt Ion: 75 Resp: 21946
Ion Ratio Lower Upper
75 100
110 7.7 16.0 48.0#
77 0.6 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.144 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Tgt Ion: 117 Resp: 27442
Ion Ratio Lower Upper
117 100
119 6.7 73.4 110.2#
121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 0.239 ug/l

RT: 9.353 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081713.D

Acq: 12 Apr 2024 13:20

Instrument :

MSVOA_N

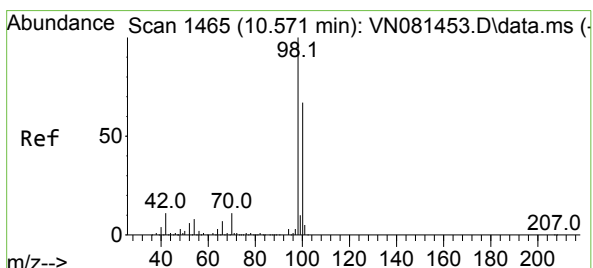
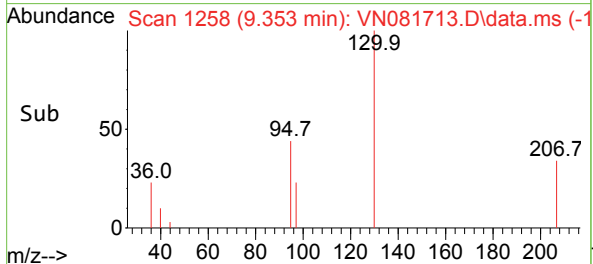
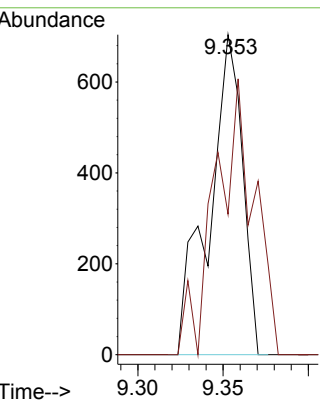
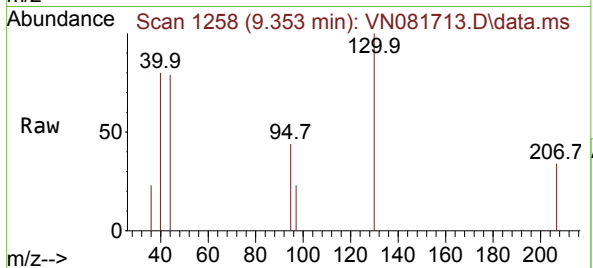
ClientSampleId :

Tgt Ion:130 Resp: 958

Ion Ratio Lower Upper

130 100

95 43.9 0.0 210.4



#50

Toluene-d8

Concen: 54.278 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081713.D

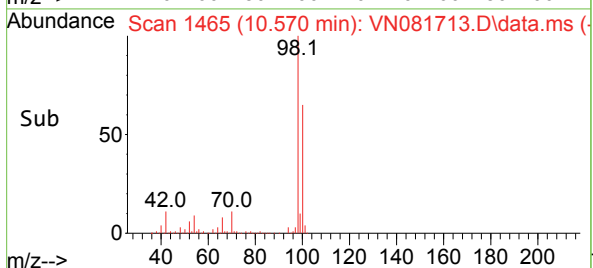
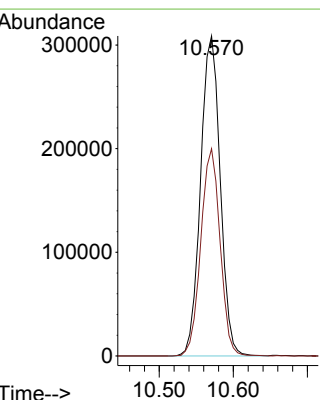
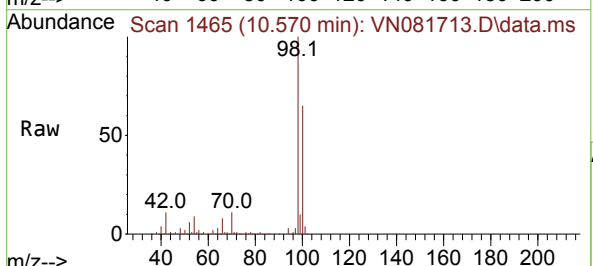
Acq: 12 Apr 2024 13:20

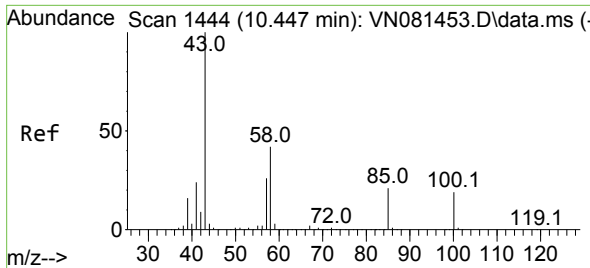
Tgt Ion: 98 Resp: 567835

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0

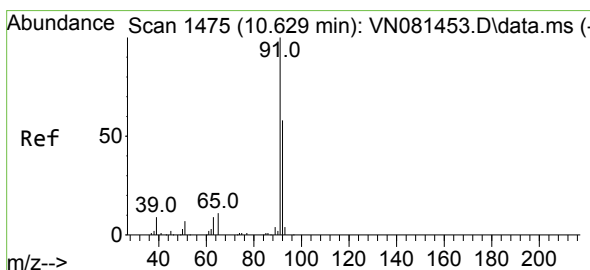
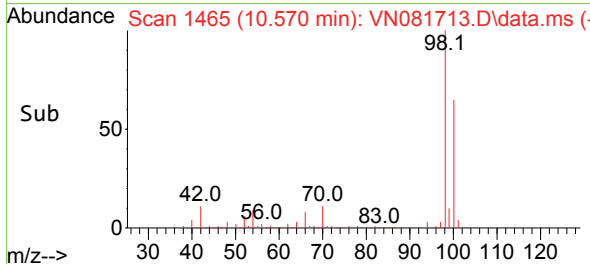
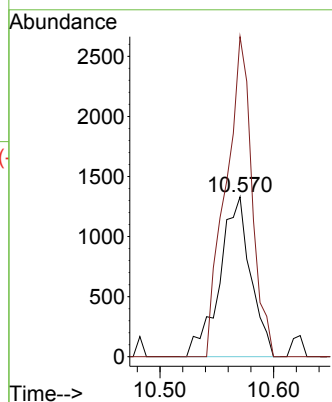
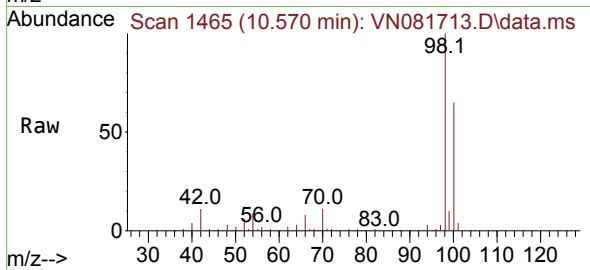




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 10.570 min Scan# 1445
Delta R.T. 0.123 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

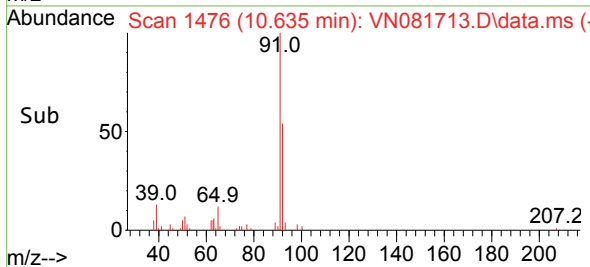
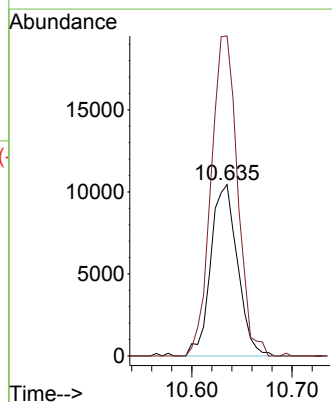
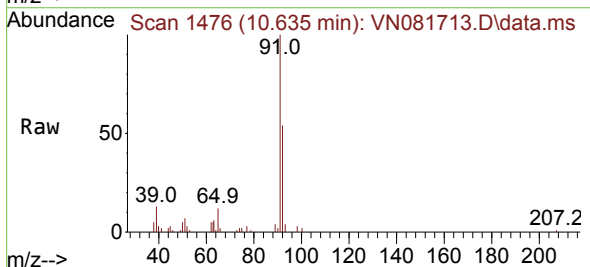
Instrument :
MSVOA_N
ClientSampleId :

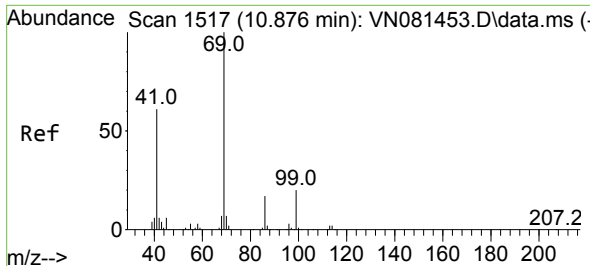
Tgt Ion: 43 Resp: 2520
Ion Ratio Lower Upper
43 100
58 169.3 29.4 44.0#



#52
Toluene
Concen: 2.145 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

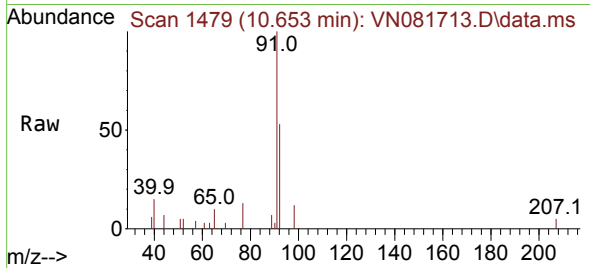
Tgt Ion: 92 Resp: 19415
Ion Ratio Lower Upper
92 100
91 184.7 139.4 209.0



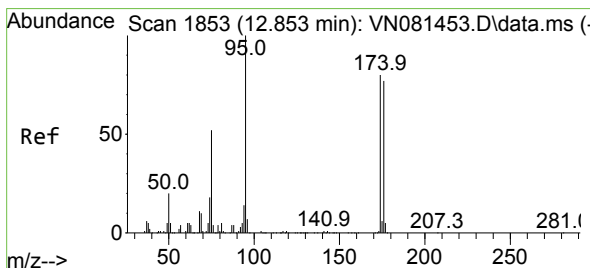
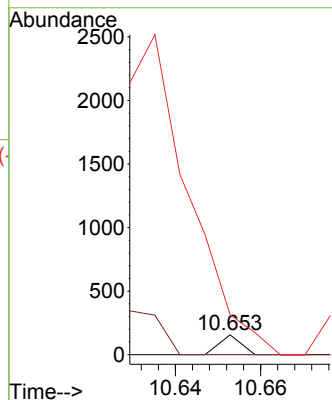
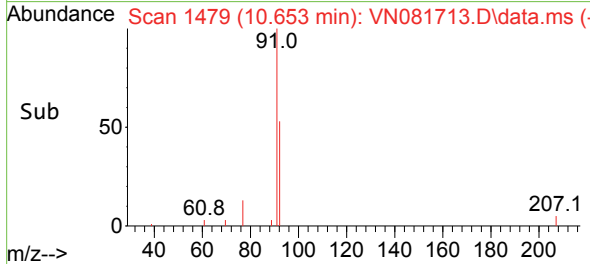


#56
Ethyl methacrylate
Concen: 0.581 ug/l
RT: 10.653 min Scan# 1479
Delta R.T. -0.223 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :

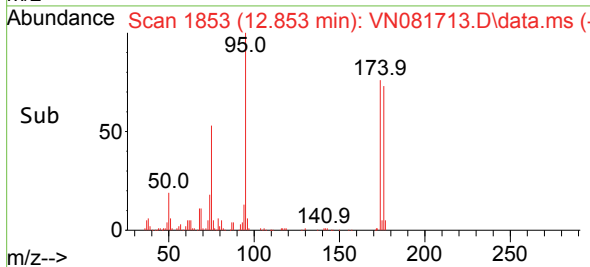
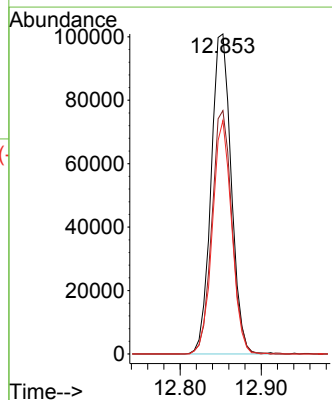
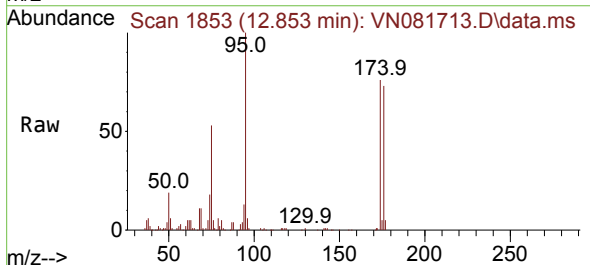


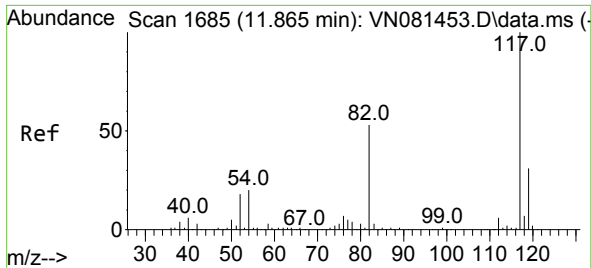
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 0.0 31.8 47.6#



#62
4-Bromofluorobenzene
Concen: 47.112 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

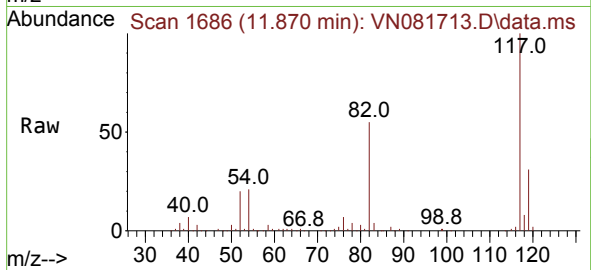
Tgt Ion: 95 Resp: 173667
Ion Ratio Lower Upper
95 100
174 75.8 0.0 120.4
176 70.0 0.0 121.0



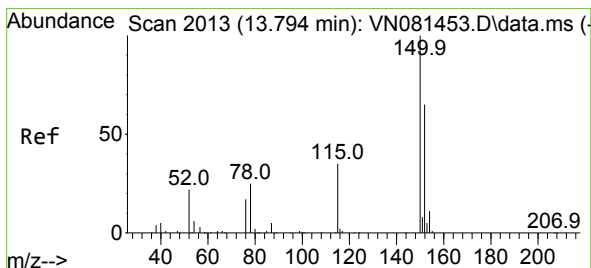
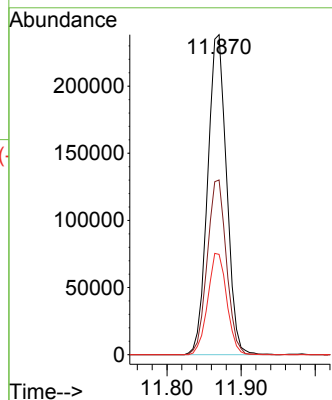
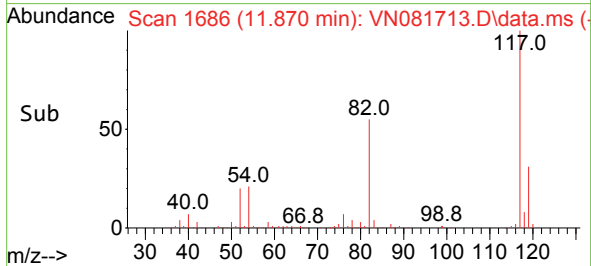


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

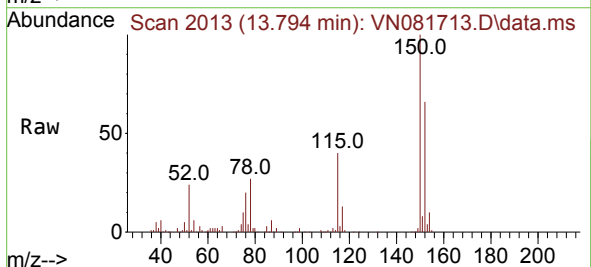
Instrument :
MSVOA_N
ClientSampleId :



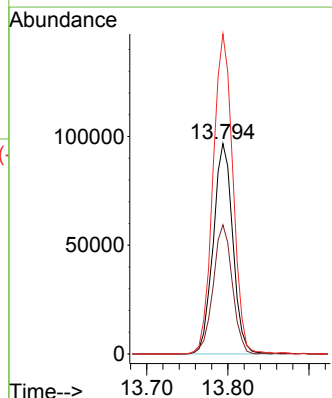
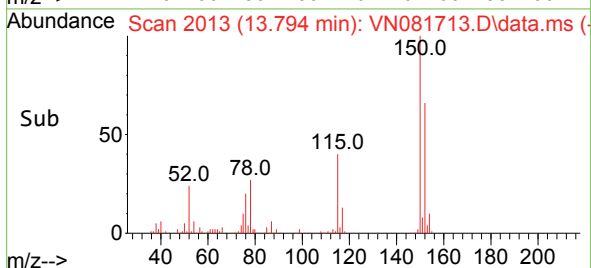
Tgt Ion:117 Resp: 422649
Ion Ratio Lower Upper
117 100
82 54.6 52.7 79.1
119 31.3 25.3 37.9

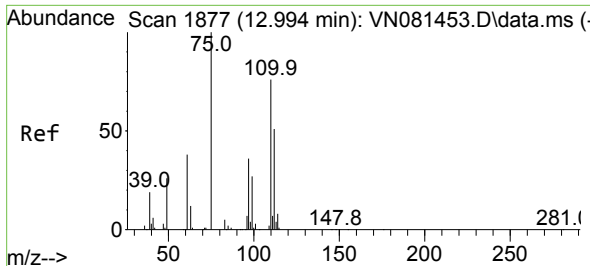


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20



Tgt Ion:152 Resp: 161834
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 154.3 0.0 339.8

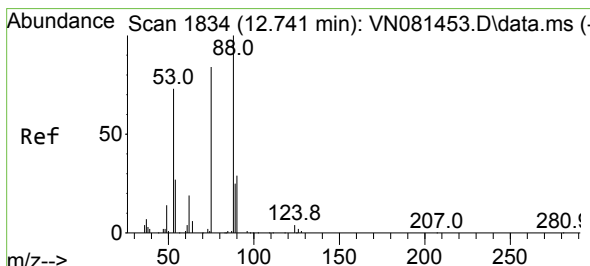
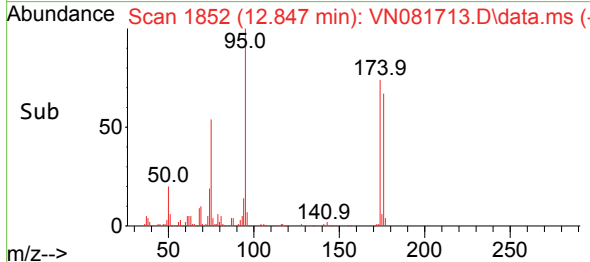
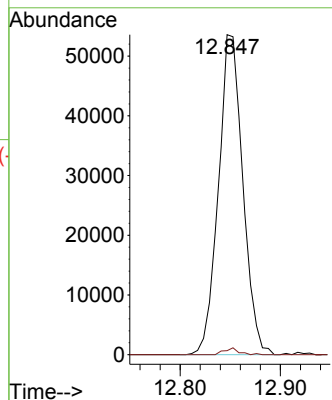
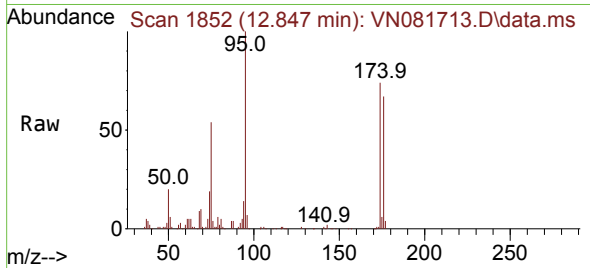




#76
1,2,3-Trichloropropane
Concen: 23.410 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 90625
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.262 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081713.D
Acq: 12 Apr 2024 13:20

Tgt Ion: 75 Resp: 90625
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

