

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081258.D
 Acq On : 28 Feb 2024 21:17
 Operator : JC\MD
 Sample : P1587-14 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 123

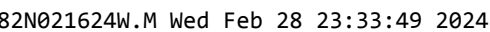
Quant Time: Feb 28 23:33:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

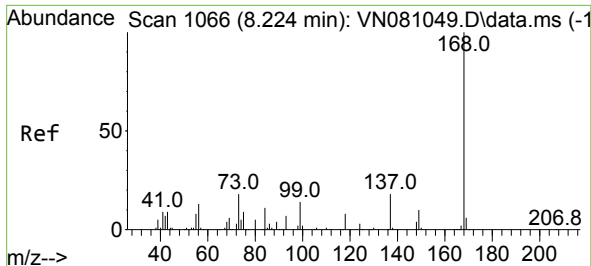
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	323586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	527339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	223469	56.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.680%			
35) Dibromofluoromethane	8.165	113	176295	51.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	10.571	98	666700	55.225	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.460%			
62) 4-Bromofluorobenzene	12.853	95	209057	46.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.180%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	421	Below Cal	#	43
6) Chloroethane	3.118	64	140	Below Cal	#	42
13) Acrolein	4.171	56	137	0.350	ug/l #	15
16) Acetone	4.448	43	2060	1.320	ug/l #	82
18) Methyl Acetate	5.030	43	1122	0.295	ug/l #	54
20) Methylene Chloride	5.277	84	373	Below Cal	#	67
25) 2-Butanone	7.489	43	549	0.218	ug/l #	51
31) Cyclohexane	8.230	56	8590	1.254	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	31218	5.361	ug/l #	50
38) Carbon Tetrachloride	8.224	117	37081	6.294	ug/l #	19
51) 4-Methyl-2-Pentanone	10.577	43	3684	0.697	ug/l #	1
68) m/p-Xylenes	12.071	106	1787	0.228	ug/l	80
70) Styrene	12.412	104	2503	0.204	ug/l #	56
76) 1,2,3-Trichloropropane	12.853	75	118387	25.248	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118387	64.987	ug/l #	14

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

Quant Time: Feb 28 23:33:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

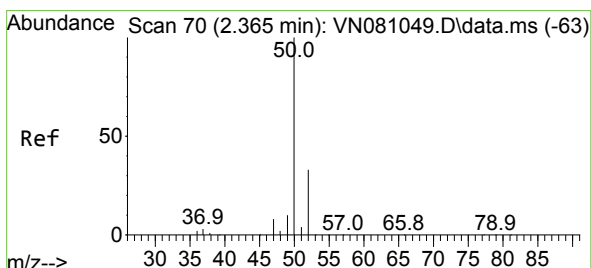
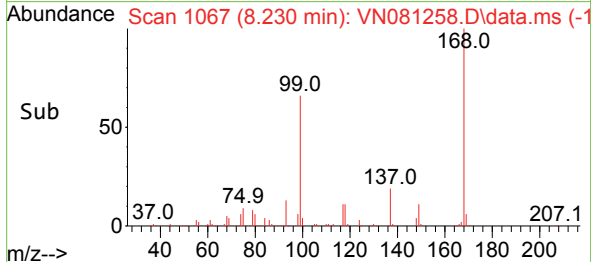
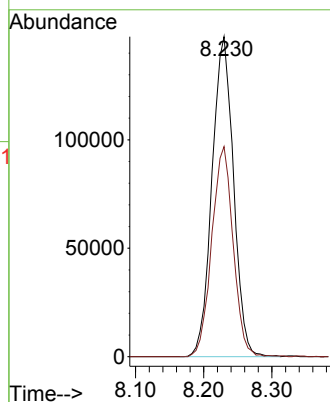
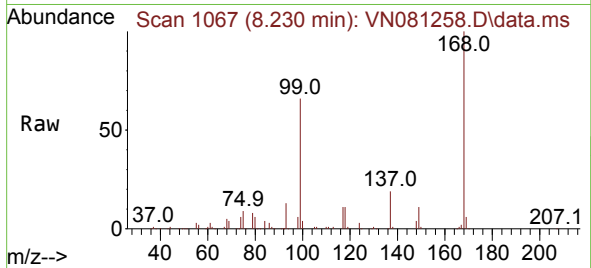




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

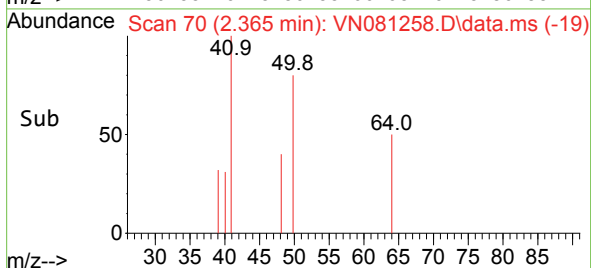
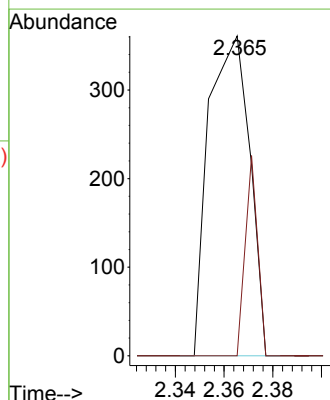
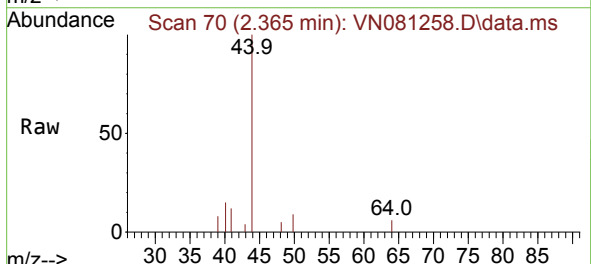
Instrument :
MSVOA_N
ClientSampleId :
123

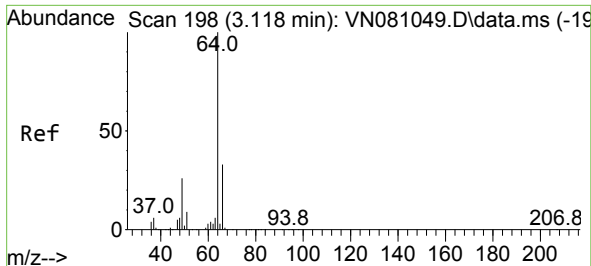
Tgt Ion:168 Resp: 323586
Ion Ratio Lower Upper
168 100
99 65.6 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Tgt Ion: 50 Resp: 421
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

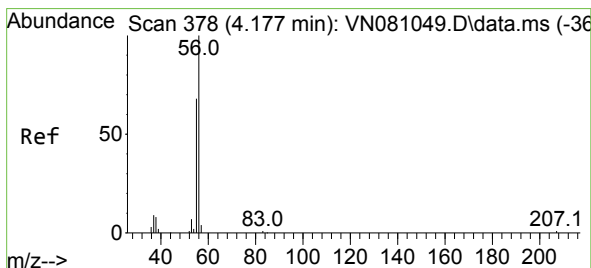
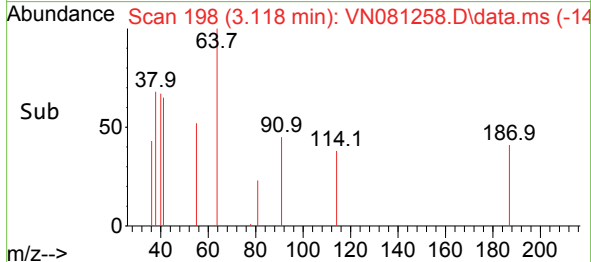
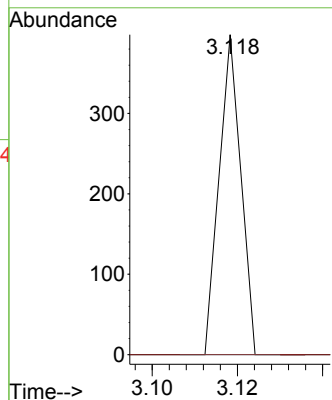
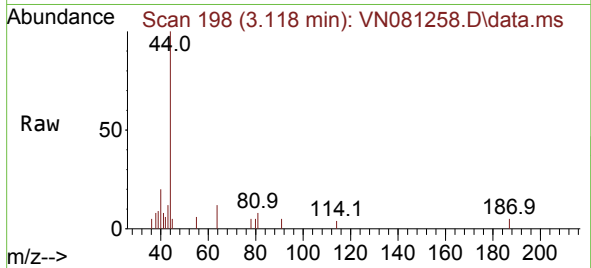




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

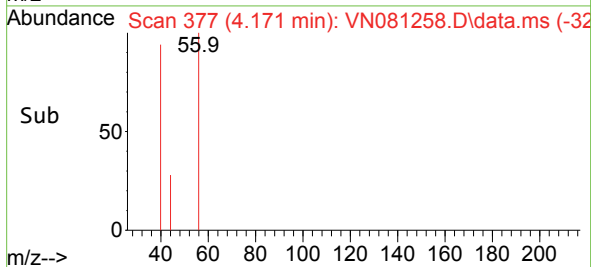
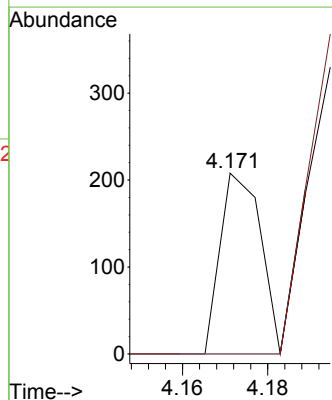
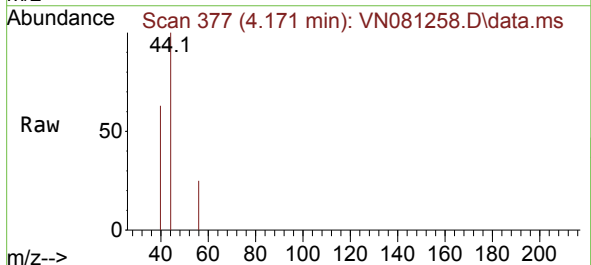
Instrument :
MSVOA_N
ClientSampleId :
123

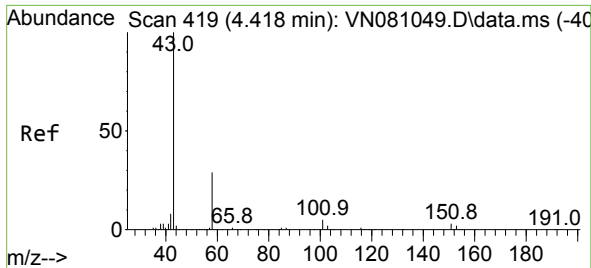
Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.350 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

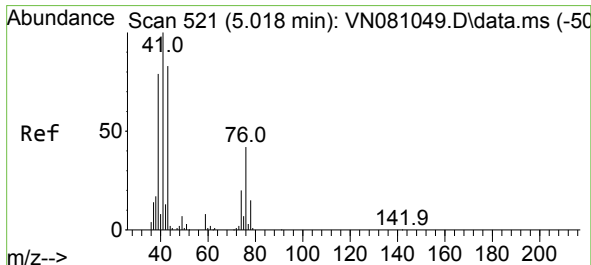
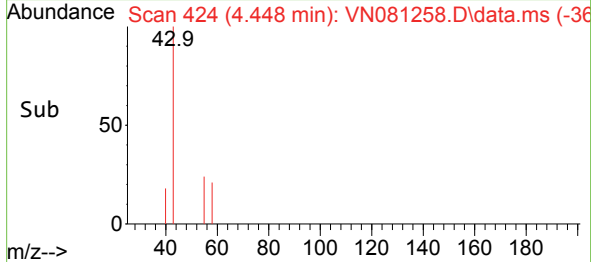
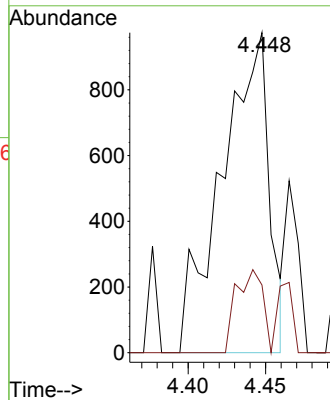
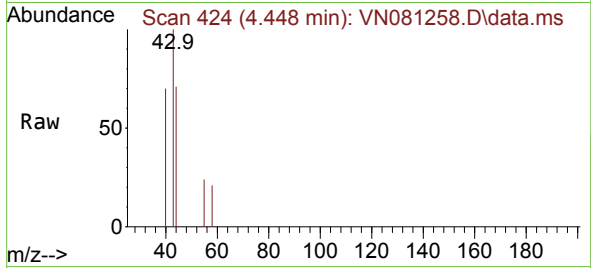




#16
Acetone
Concen: 1.320 ug/l
RT: 4.448 min Scan# 419
Delta R.T. 0.029 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

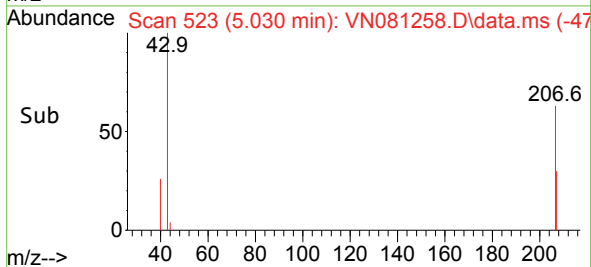
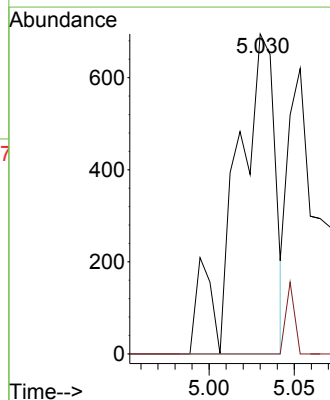
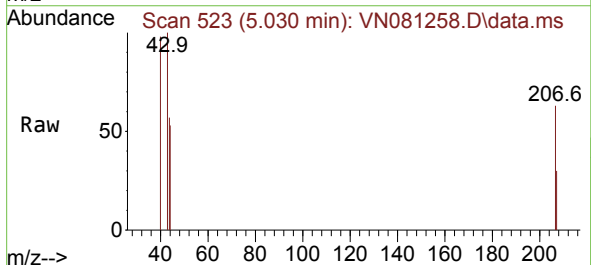
Instrument :
MSVOA_N
ClientSampleId :
123

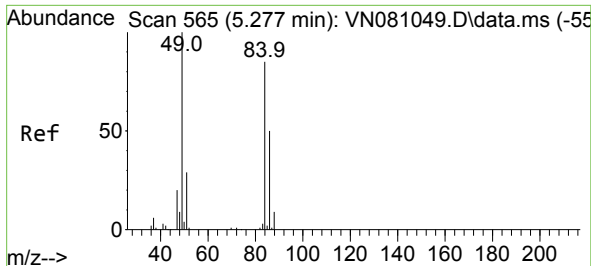
Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
58 21.1 24.8 37.2#



#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

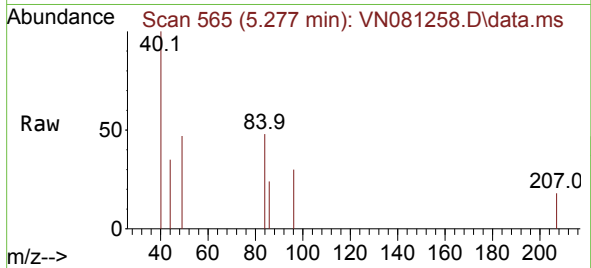
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



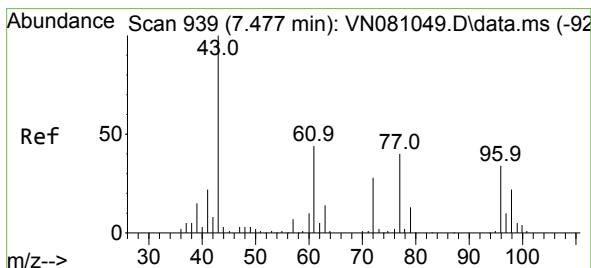
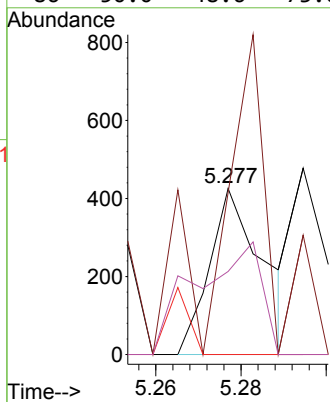
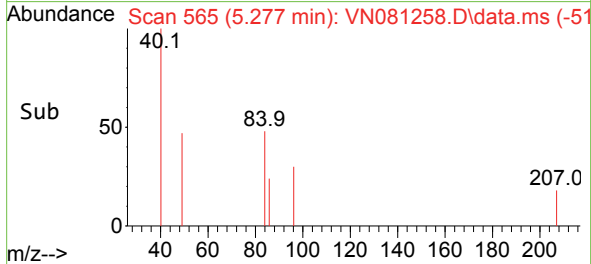


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Instrument :
MSVOA_N
ClientSampleId :
123

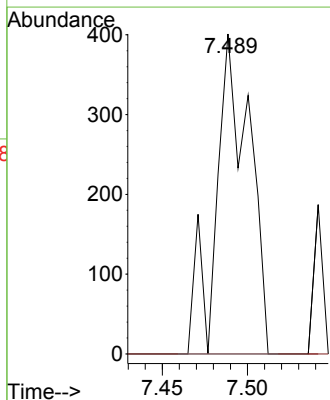
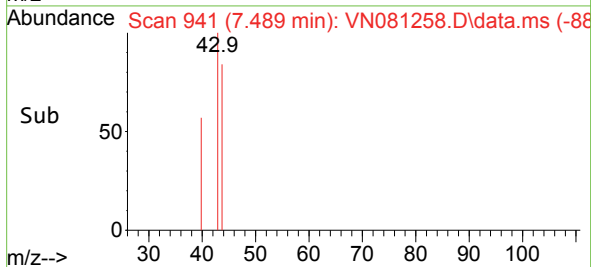
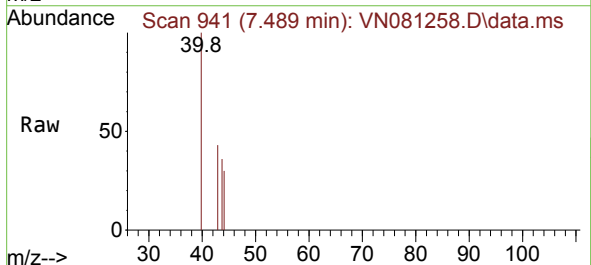


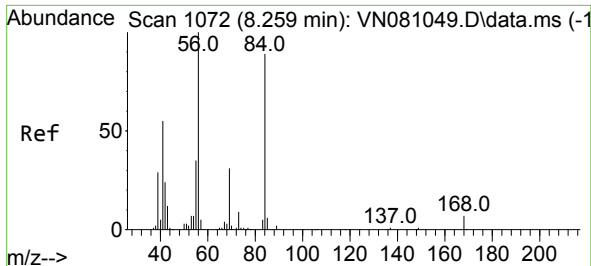
Tgt Ion:	84	Resp:	373
Ion	Ratio	Lower	Upper
84	100		
49	97.4	108.1	162.1#
51	0.0	32.9	49.3#
86	50.0	48.6	73.0



#25
2-Butanone
Concen: 0.218 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Tgt Ion:	43	Resp:	549
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.5	29.3#

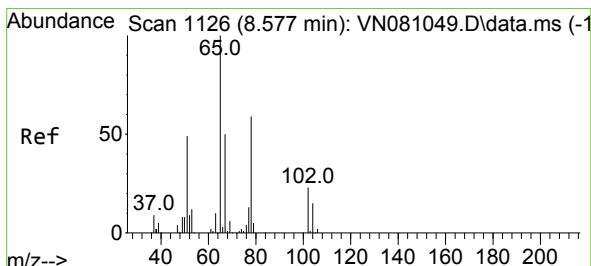
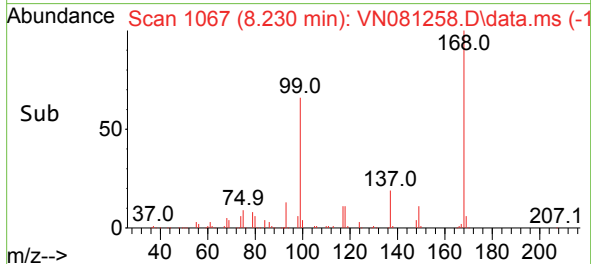
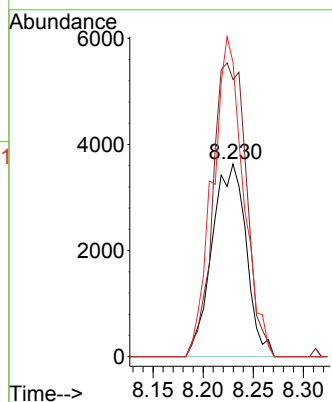
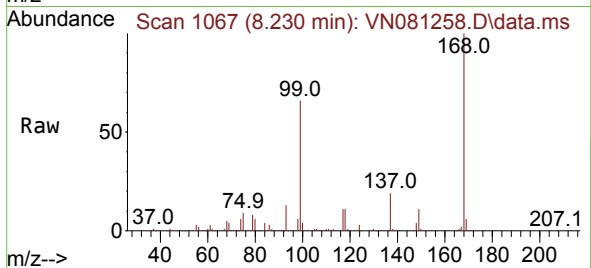




#31
Cyclohexane
Concen: 1.254 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

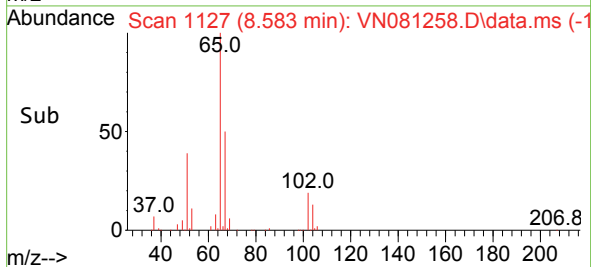
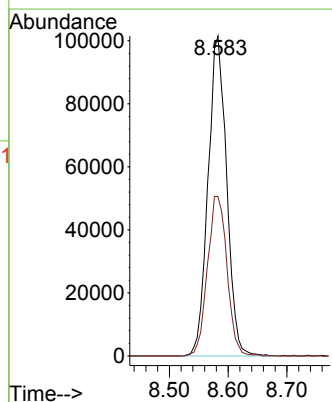
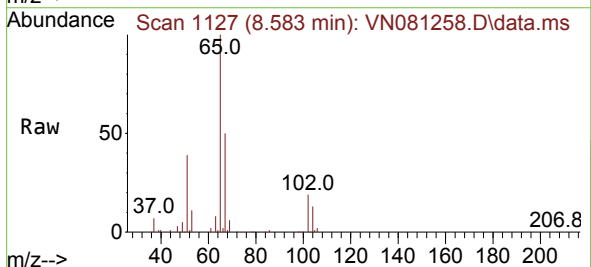
Instrument :
MSVOA_N
ClientSampleId :
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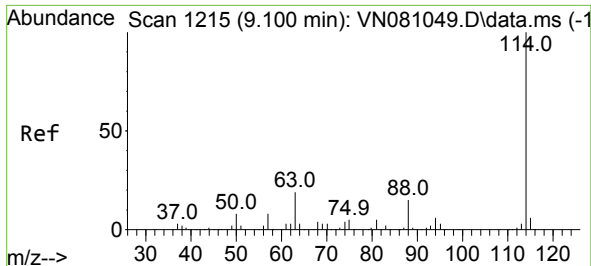
Tgt Ion: 56 Resp: 8590
Ion Ratio Lower Upper
56 100
69 143.8 20.1 30.1#
84 152.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 56.343 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Tgt Ion: 65 Resp: 223469
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081258.D

Acq: 28 Feb 2024 21:17

Instrument :

MSVOA_N

ClientSampleId :

123

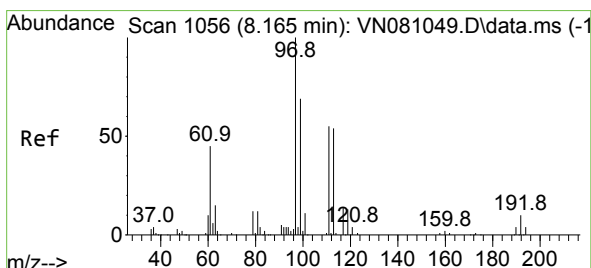
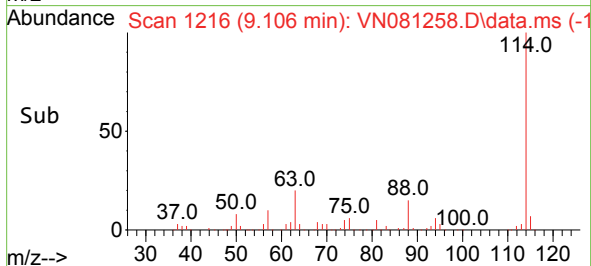
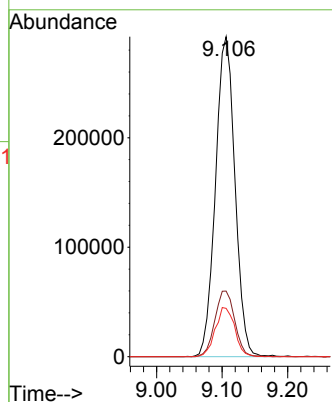
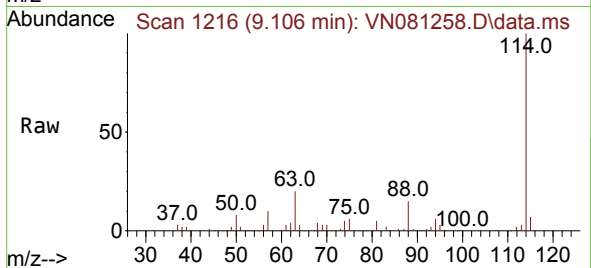
Tgt Ion:114 Resp: 601093

Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 15.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.867 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081258.D

Acq: 28 Feb 2024 21:17

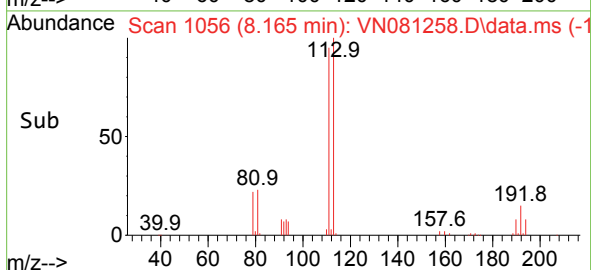
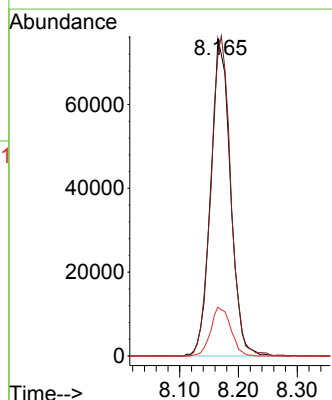
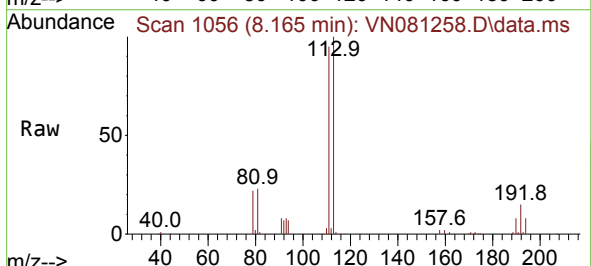
Tgt Ion:113 Resp: 176295

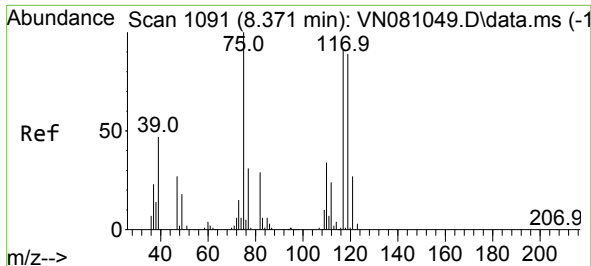
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 15.6 12.5 18.7

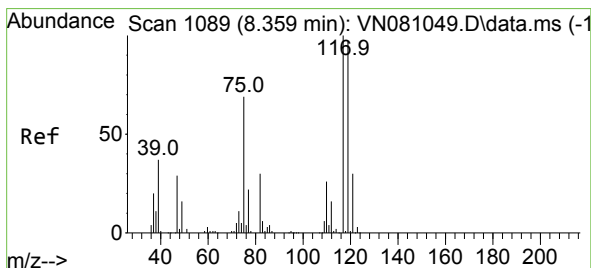
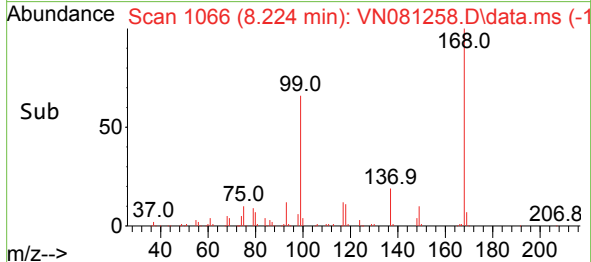
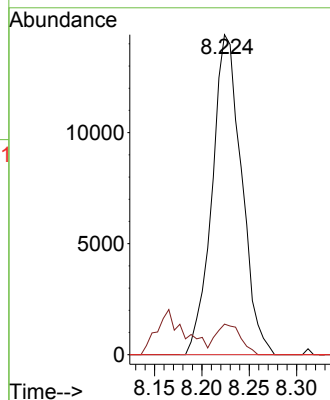
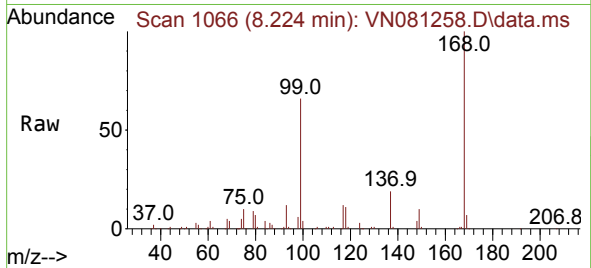




#36
1,1-Dichloropropene
Concen: 5.361 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

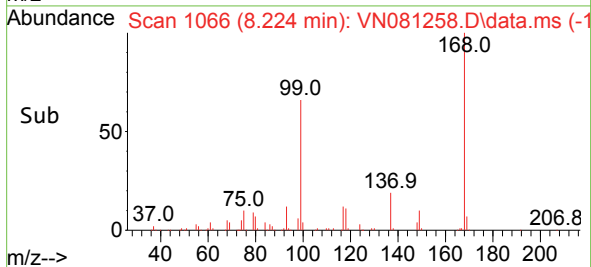
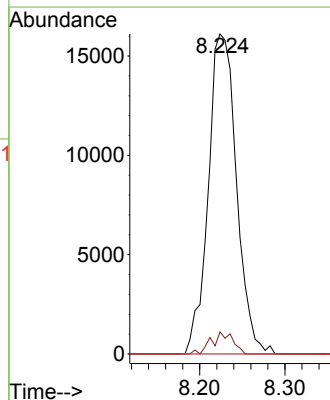
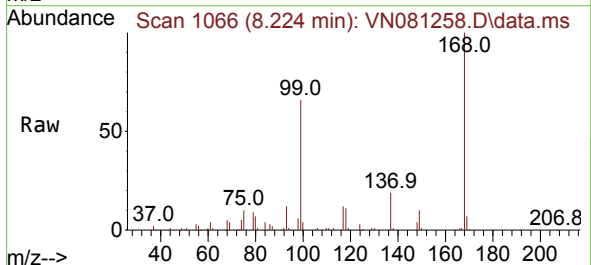
Instrument :
MSVOA_N
ClientSampleId :
123

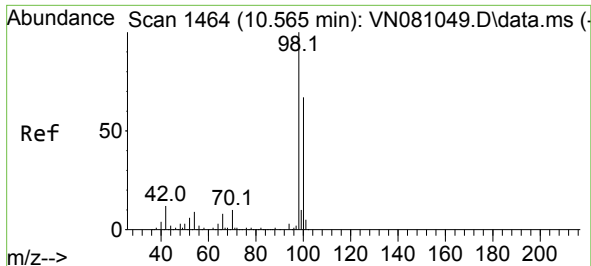
Tgt Ion: 75 Resp: 31218
Ion Ratio Lower Upper
75 100
110 8.0 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.294 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Tgt Ion: 117 Resp: 37081
Ion Ratio Lower Upper
117 100
119 6.9 73.4 110.2#
121 0.0 24.4 36.6#

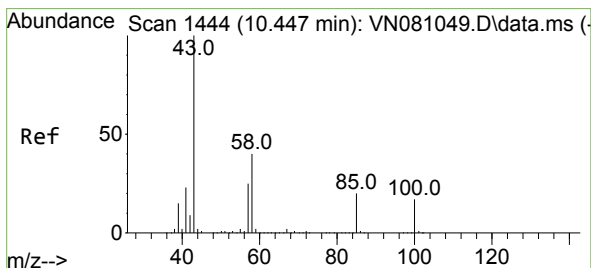
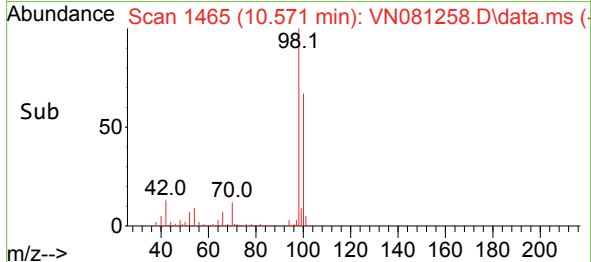
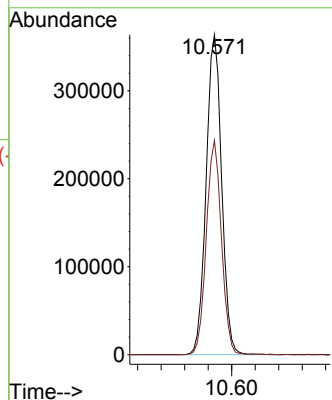
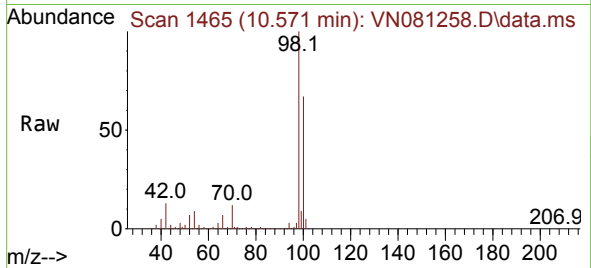




#50
Toluene-d8
Concen: 55.225 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

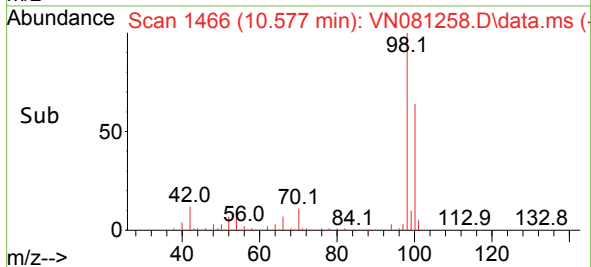
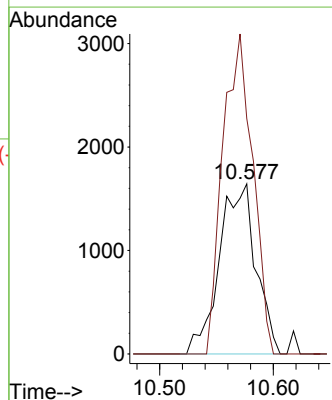
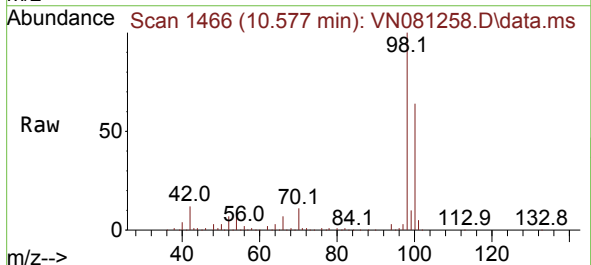
Instrument :
MSVOA_N
ClientSampleId :
123

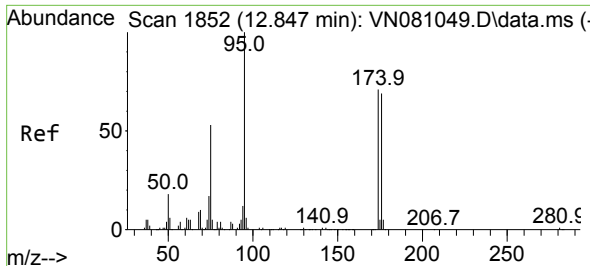
Tgt Ion: 98 Resp: 666700
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.697 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.129 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Tgt Ion: 43 Resp: 3684
Ion Ratio Lower Upper
43 100
58 154.5 29.4 44.0#

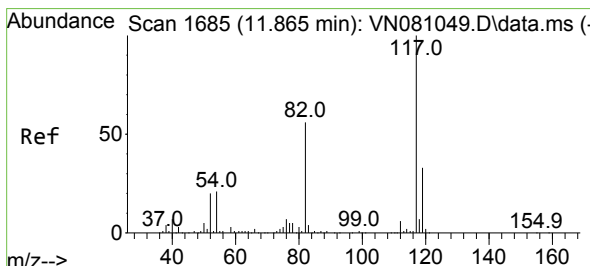
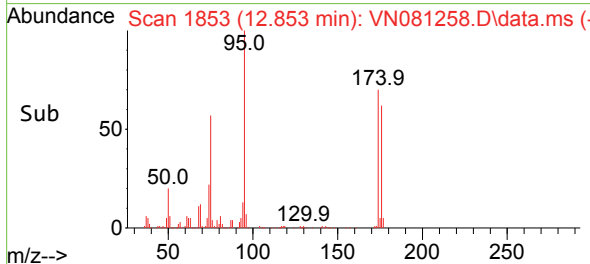
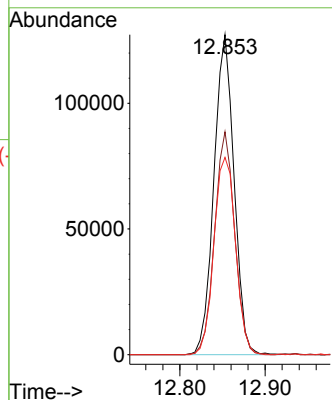
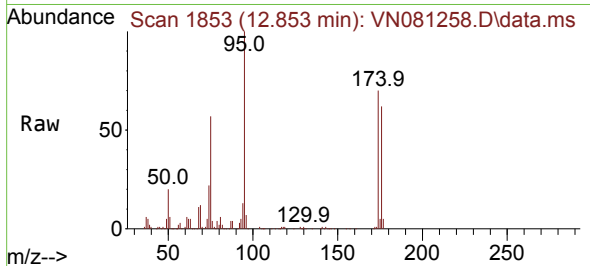




#62
4-Bromofluorobenzene
Concen: 46.086 ug/l
RT: 12.853 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

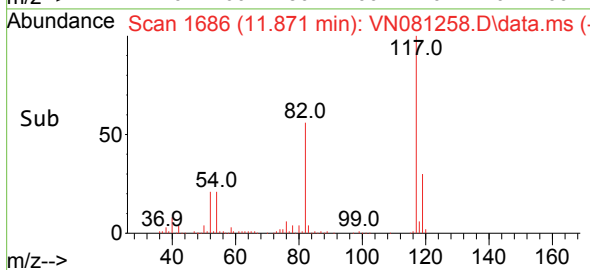
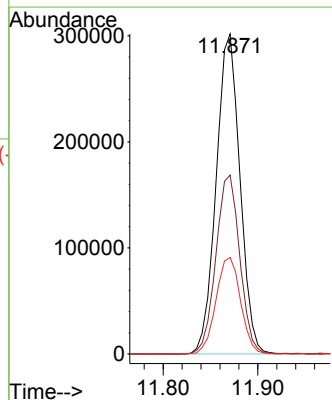
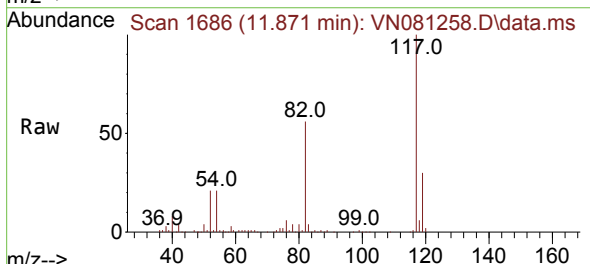
Instrument :
MSVOA_N
ClientSampleId :
123

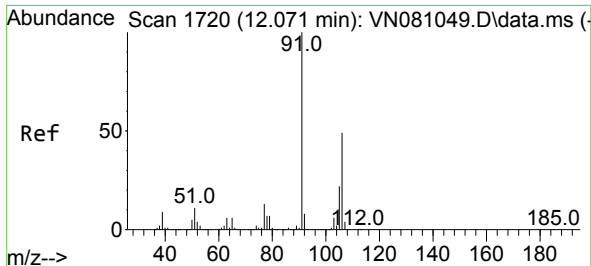
Tgt Ion: 95 Resp: 209057
Ion Ratio Lower Upper
95 100
174 69.5 0.0 120.4
176 66.2 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Tgt Ion: 117 Resp: 527339
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 30.1 25.3 37.9

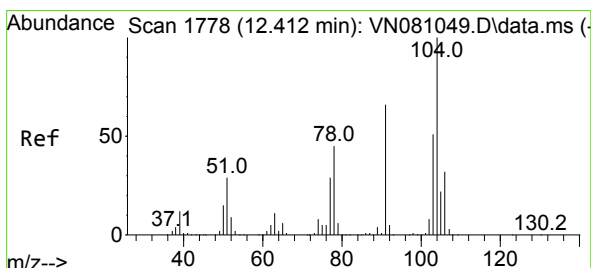
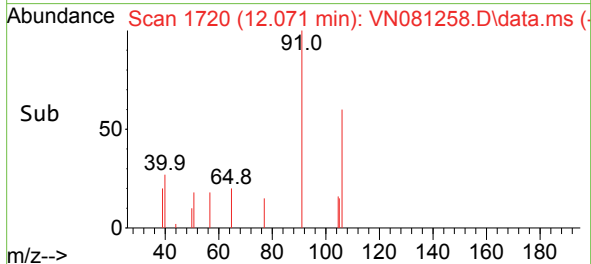
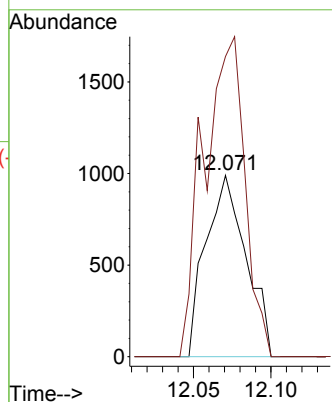
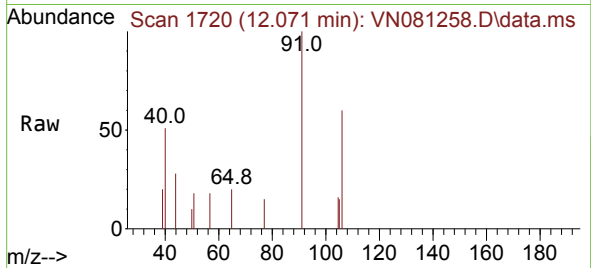




#68
m/p-Xylenes
Concen: 0.228 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

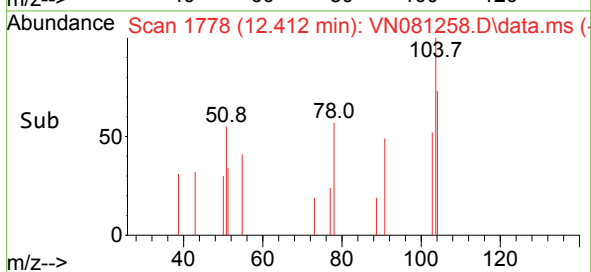
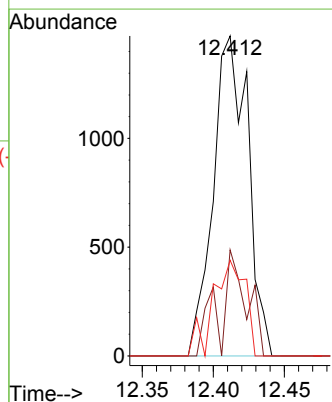
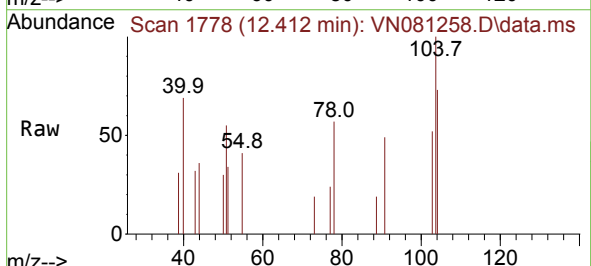
Instrument :
MSVOA_N
ClientSampleId :
123

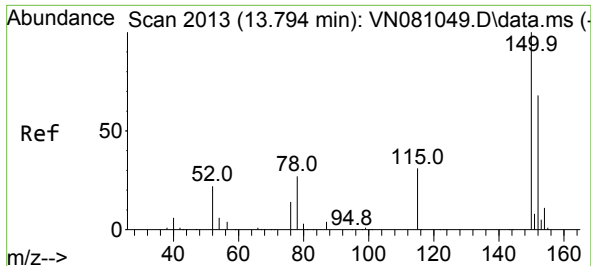
Tgt Ion:106 Resp: 1787
Ion Ratio Lower Upper
106 100
91 180.0 169.0 253.6



#70
Styrene
Concen: 0.204 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081258.D
Acq: 28 Feb 2024 21:17

Tgt Ion:104 Resp: 2503
Ion Ratio Lower Upper
104 100
78 18.8 43.8 65.8#
103 27.6 44.2 66.2#

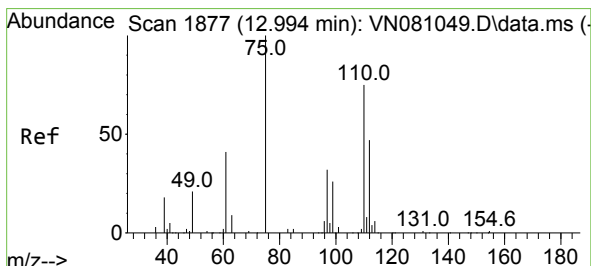
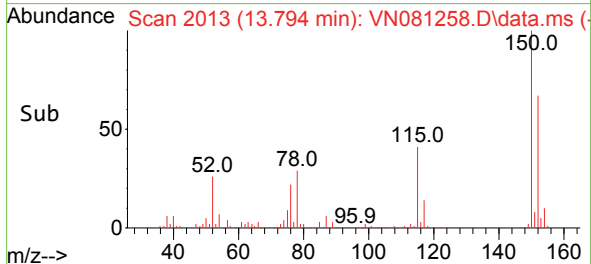
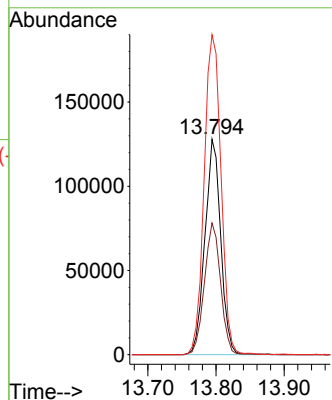
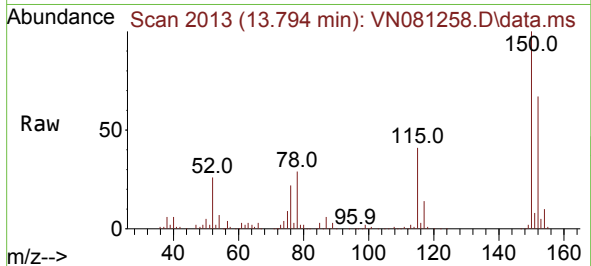




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081258.D
 Acq: 28 Feb 2024 21:17

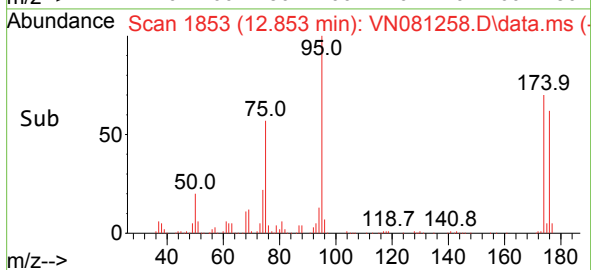
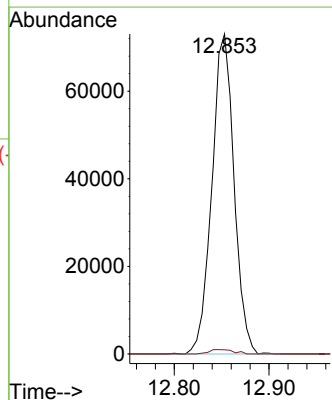
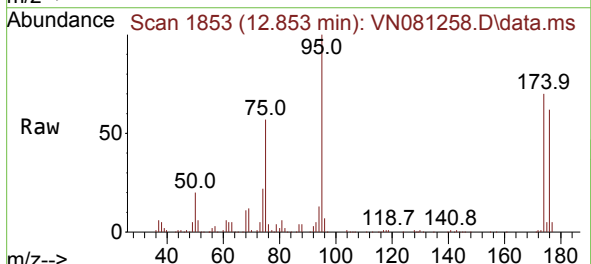
Instrument :
 MSVOA_N
 ClientSampleId :
 123

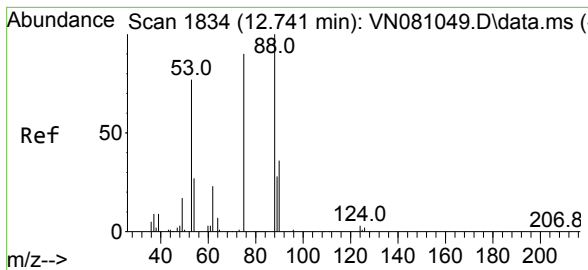
Tgt Ion:152 Resp: 206373
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 158.3 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 25.248 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081258.D
 Acq: 28 Feb 2024 21:17

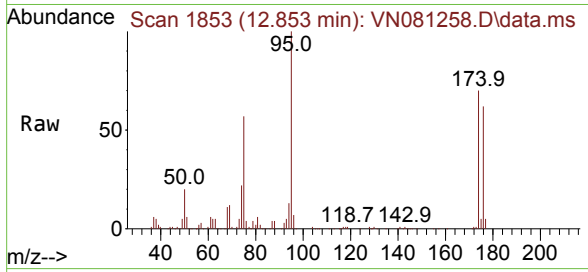
Tgt Ion: 75 Resp: 118387
 Ion Ratio Lower Upper
 75 100
 77 1.5 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.987 ug/l
 RT: 12.853 min Scan# 118387
 Delta R.T. 0.112 min
 Lab File: VN081258.D
 Acq: 28 Feb 2024 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 123



Tgt Ion: 75 Resp: 118387
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.1 33.4 50.0#

