

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082886.D
 Acq On : 11 Jul 2024 19:10
 Operator : JC\MD
 Sample : P3222-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-940-942

Quant Time: Jul 12 01:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	105925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	202200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87409	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	79130	53.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.580%	
35) Dibromofluoromethane	8.171	113	65758	50.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.360%	
50) Toluene-d8	10.571	98	240927	50.275	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.847	95	86781	50.413	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.820%	

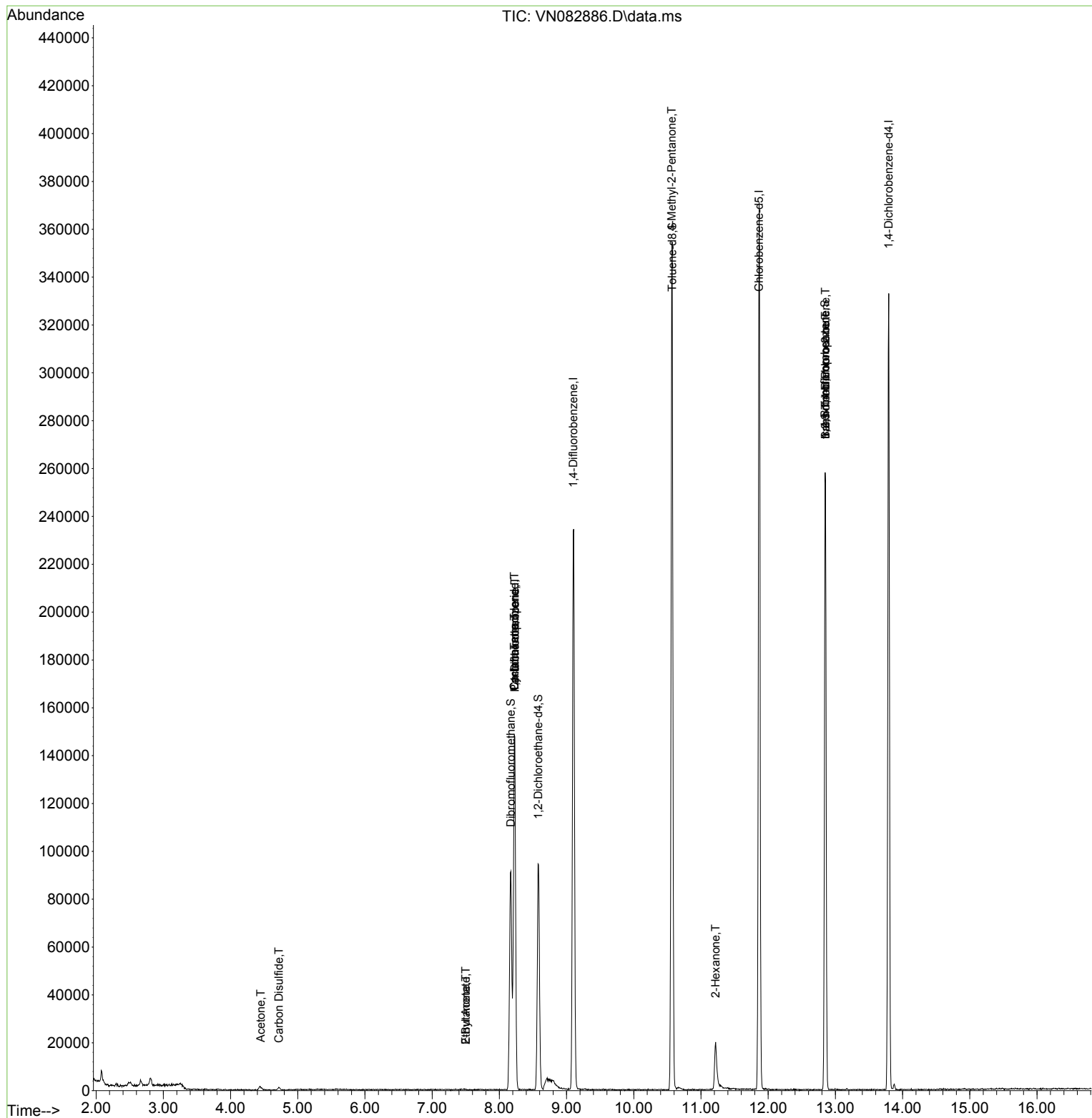
Target Compounds			Qvalue			
16) Acetone	4.447	43	2740	5.241	ug/l	91
17) Carbon Disulfide	4.718	76	1562	0.483	ug/l #	75
25) 2-Butanone	7.500	43	436	0.552	ug/l #	53
31) Cyclohexane	8.224	56	2816	1.451	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	9202	5.144	ug/l #	48
37) Ethyl Acetate	7.500	43	436	0.239	ug/l #	72
38) Carbon Tetrachloride	8.224	117	12081	5.609	ug/l #	18
43) Isopropyl Acetate	8.700	43	4070	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1123	0.622	ug/l #	1
59) 2-Hexanone	11.218	43	7406	5.517	ug/l #	40
71) Bromoform	12.853	173	671	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	48895	32.446	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	48895	63.811	ug/l #	6

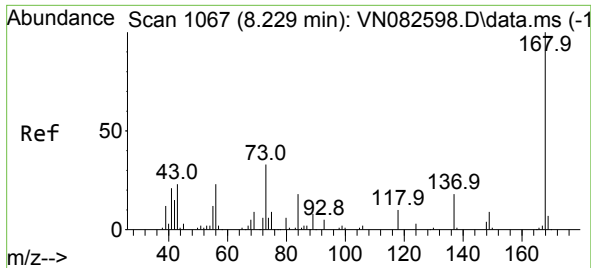
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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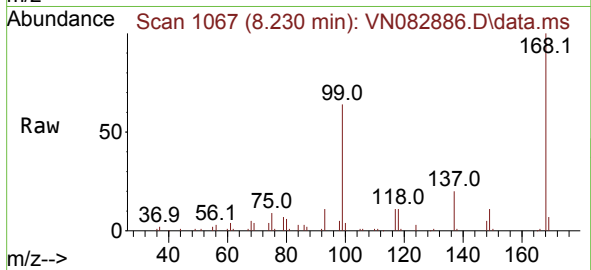
Quant Time: Jul 12 01:11:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



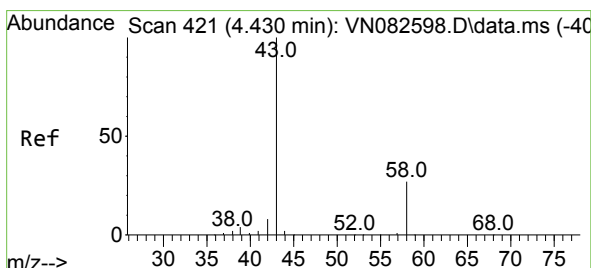
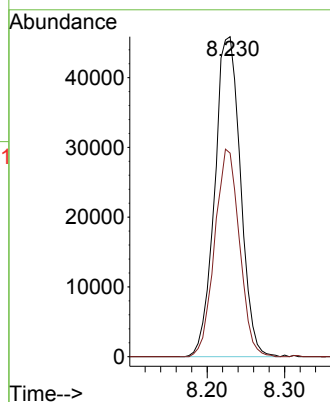
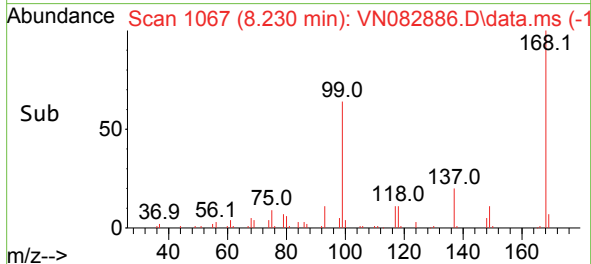


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-940-942

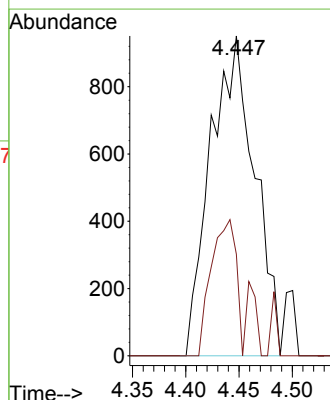
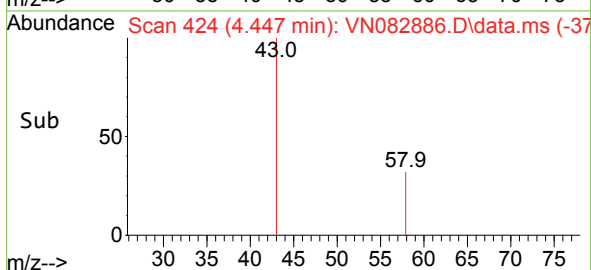
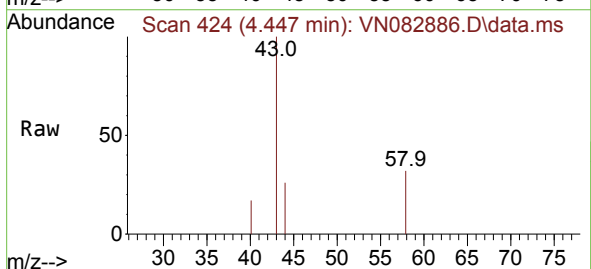


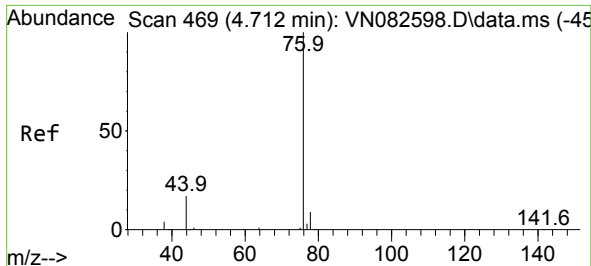
Tgt Ion:168 Resp: 105925
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#16
Acetone
Concen: 5.241 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Tgt Ion: 43 Resp: 2740
Ion Ratio Lower Upper
43 100
58 31.8 21.8 32.6

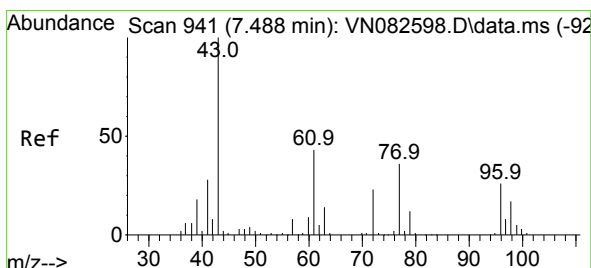
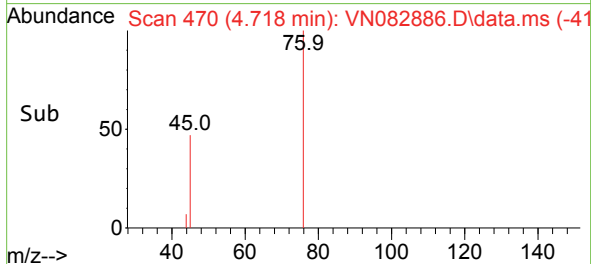
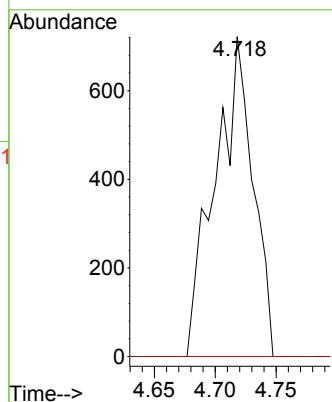
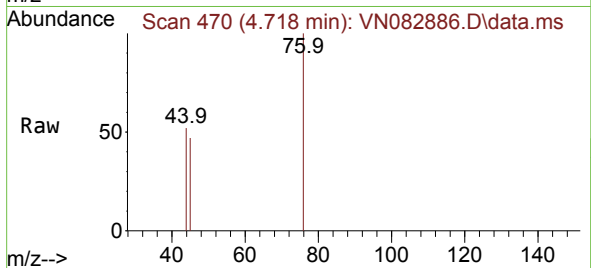




#17
Carbon Disulfide
Concen: 0.483 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

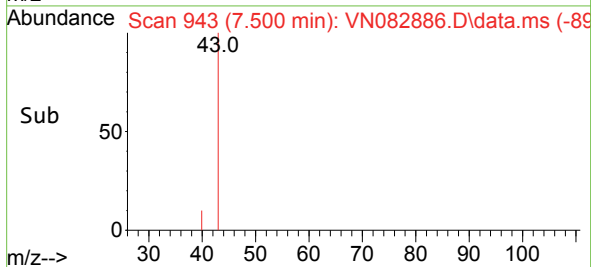
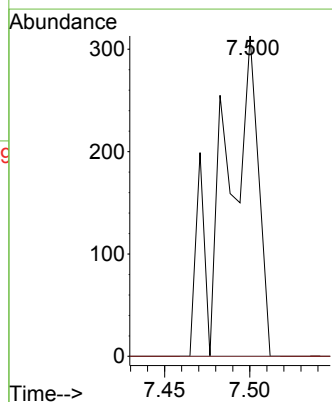
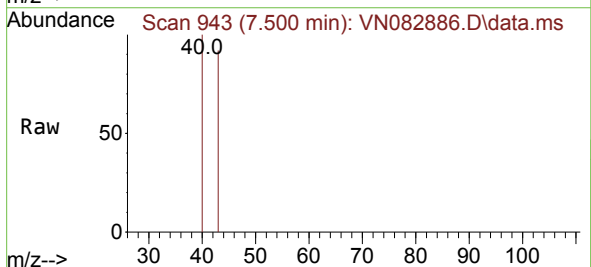
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-940-942

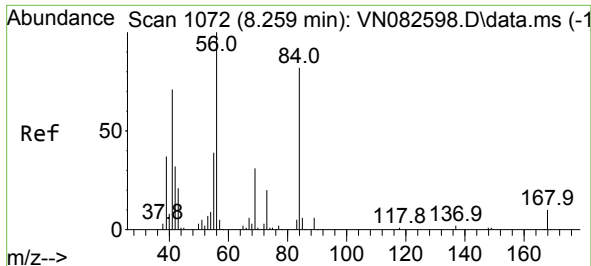
Tgt Ion: 76 Resp: 1562
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.552 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

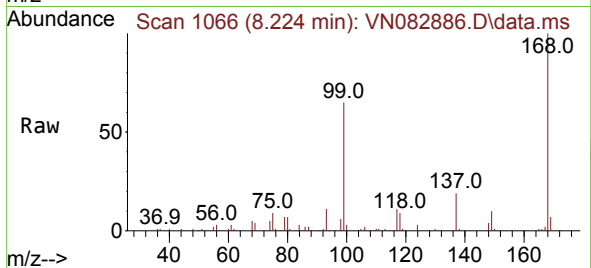
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



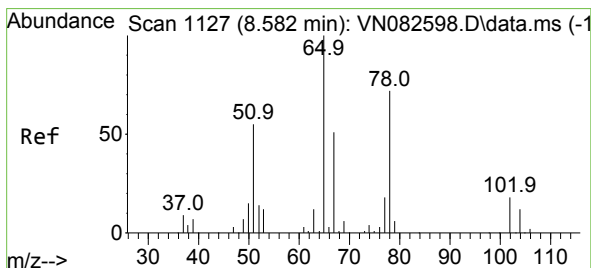
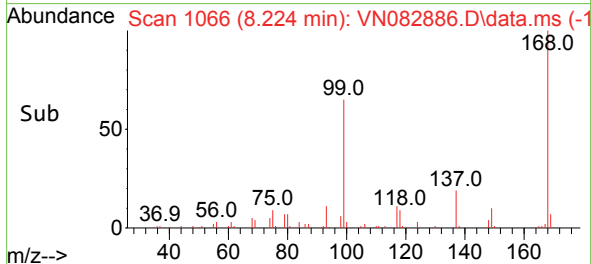
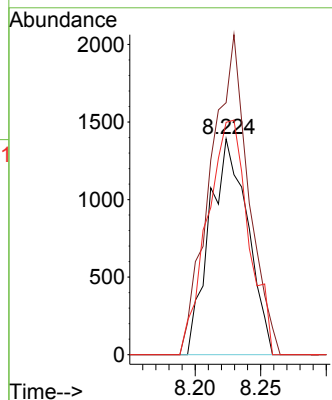


#31
Cyclohexane
Concen: 1.451 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-940-942

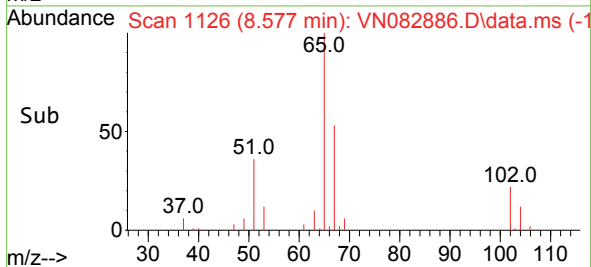
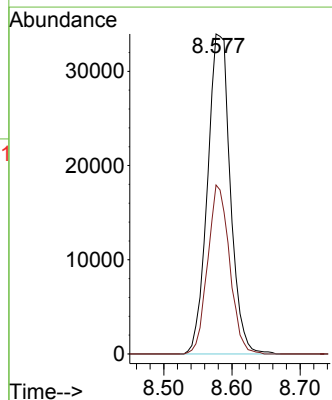
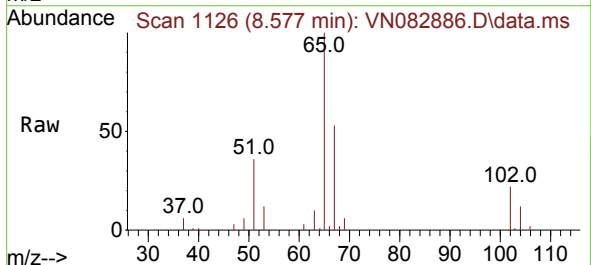


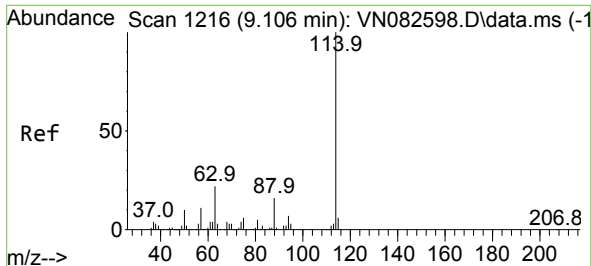
Tgt Ion: 56 Resp: 2816
Ion Ratio Lower Upper
56 100
69 116.8 24.5 36.7#
84 107.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 53.291 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Tgt Ion: 65 Resp: 79130
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082886.D

Acq: 11 Jul 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-940-942

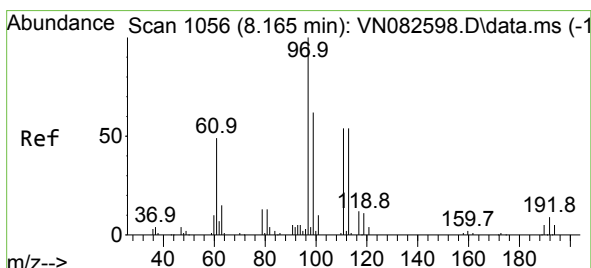
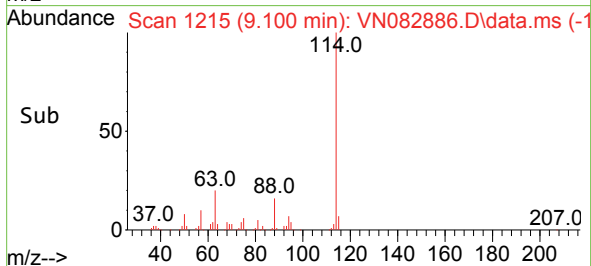
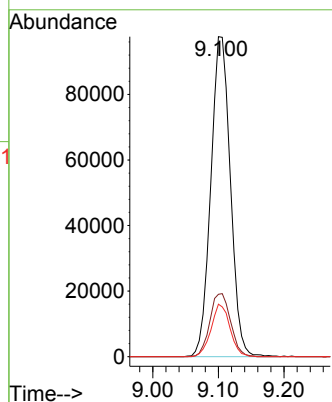
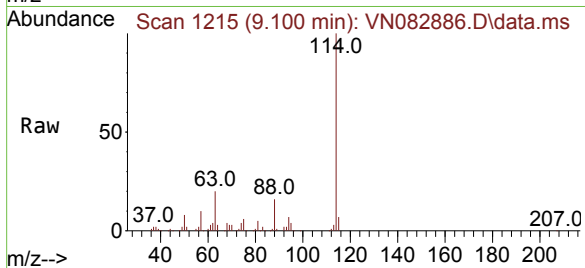
Tgt Ion:114 Resp: 202200

Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.682 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082886.D

Acq: 11 Jul 2024 19:10

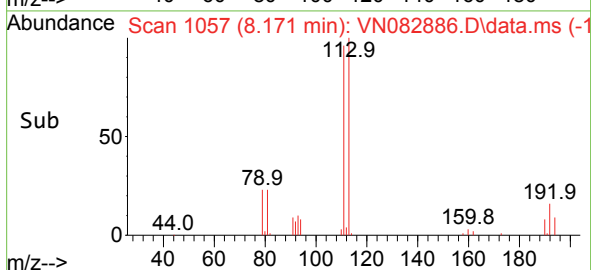
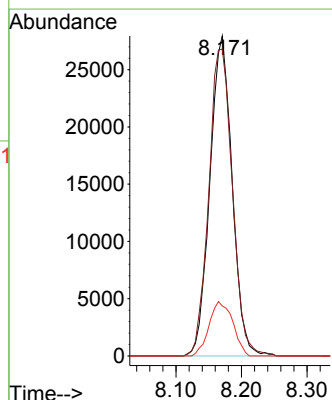
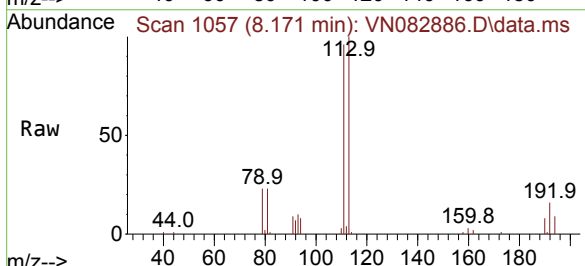
Tgt Ion:113 Resp: 65758

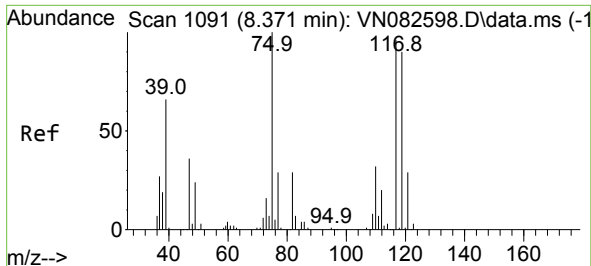
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 18.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.144 ug/l

RT: 8.230 min Scan# 1091

Delta R.T. -0.141 min

Lab File: VN082886.D

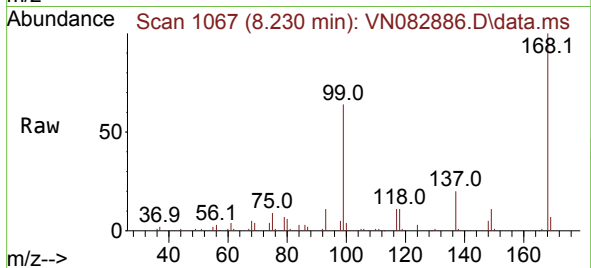
Acq: 11 Jul 2024 19:10

Instrument :

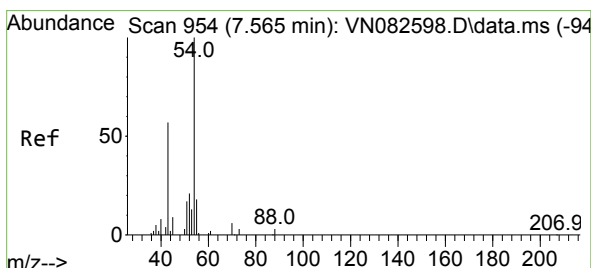
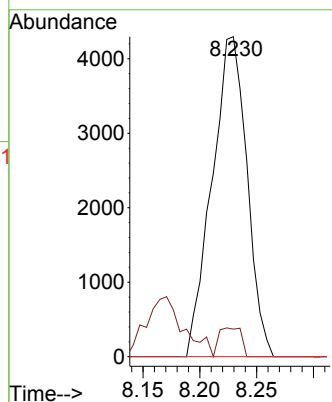
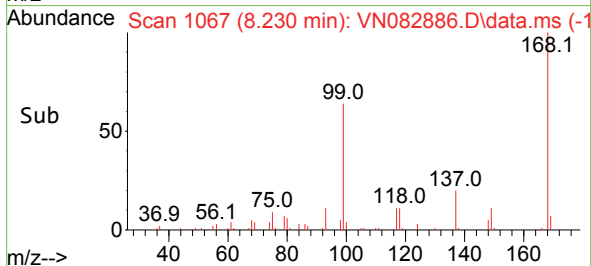
MSVOA_N

ClientSampleId :

BP-VPB-196-GW-940-942



Tgt Ion:	75	Resp:	9202
Ion	Ratio	Lower	Upper
75	100		
110	5.7	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

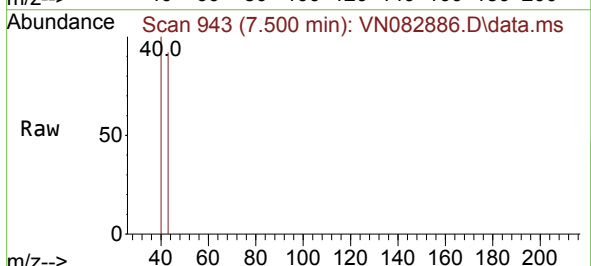
Concen: 0.239 ug/l

RT: 7.500 min Scan# 943

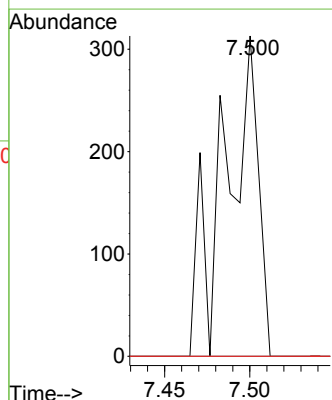
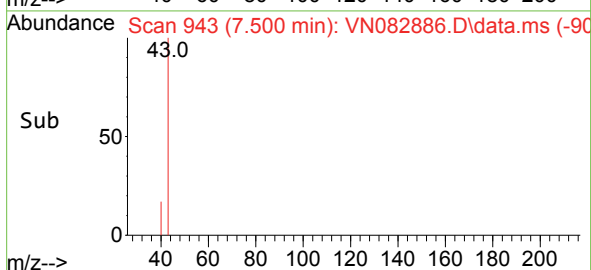
Delta R.T. -0.065 min

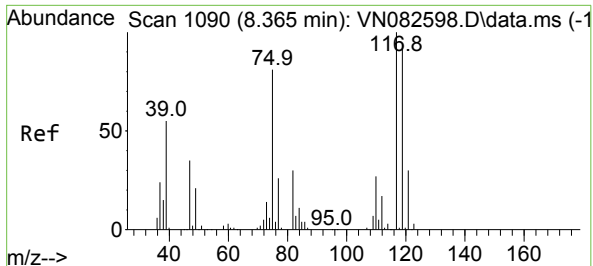
Lab File: VN082886.D

Acq: 11 Jul 2024 19:10



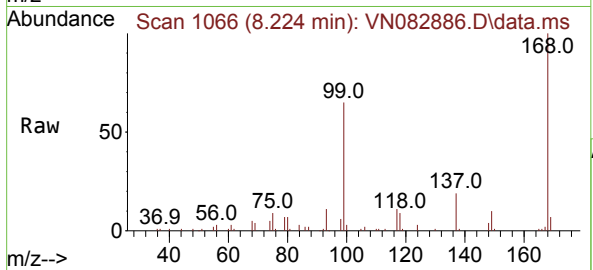
Tgt Ion:	43	Resp:	436
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#



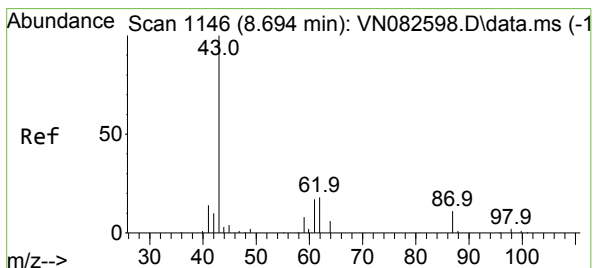
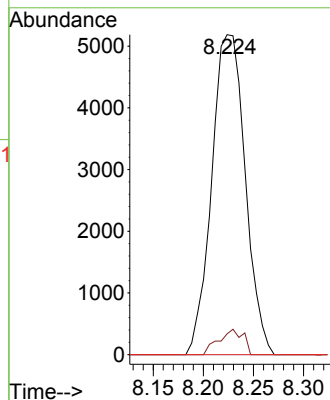
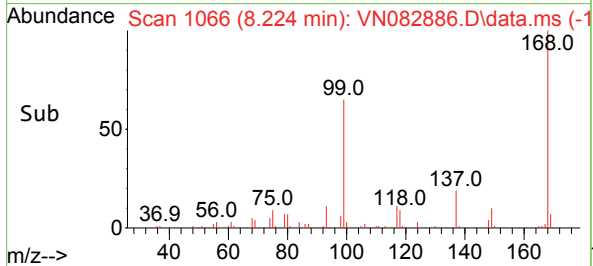


#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Instrument :
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ClientSampleId :
BP-VPB-196-GW-940-942

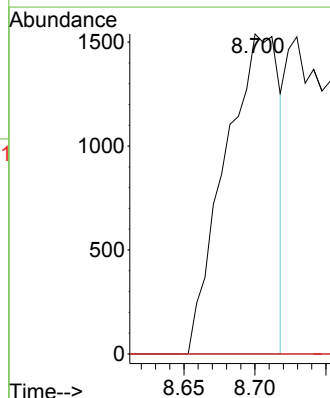
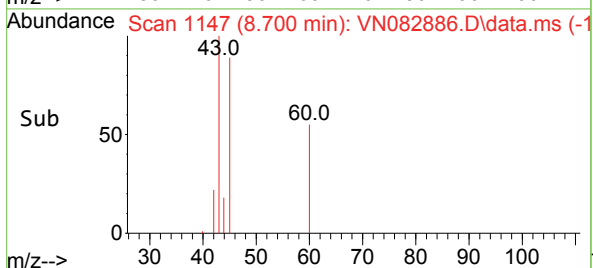
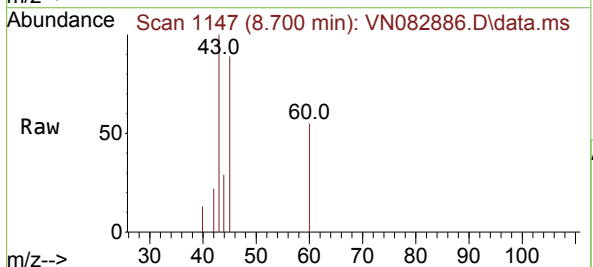


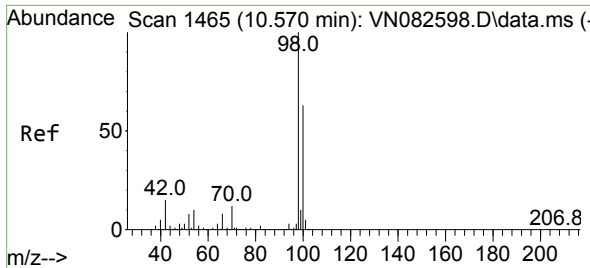
Tgt Ion:117 Resp: 12081
Ion Ratio Lower Upper
117 100
119 6.5 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Tgt Ion: 43 Resp: 4070
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

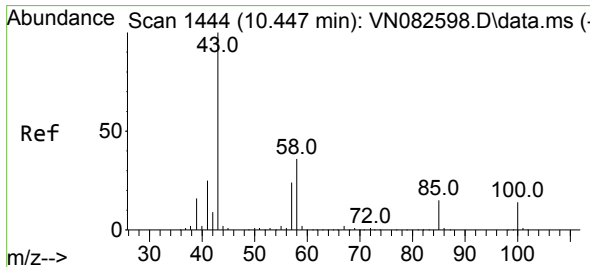
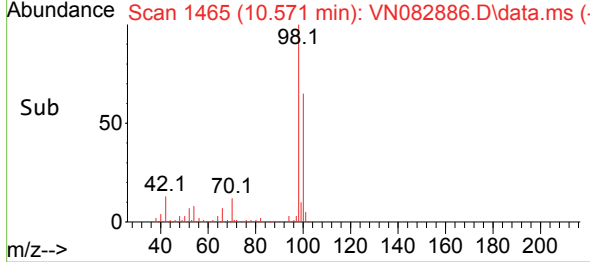
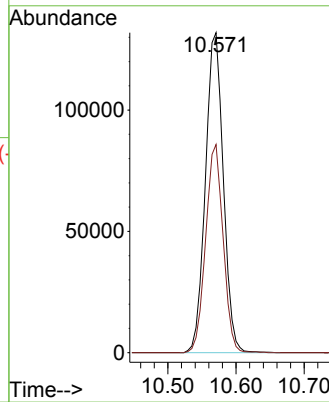
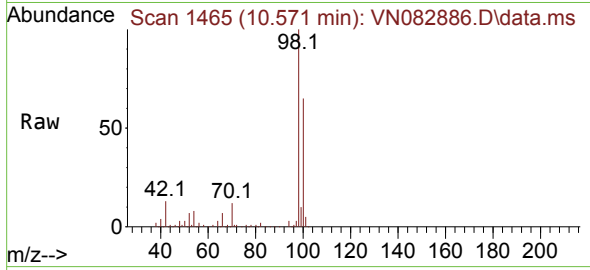




#50
Toluene-d8
Concen: 50.275 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

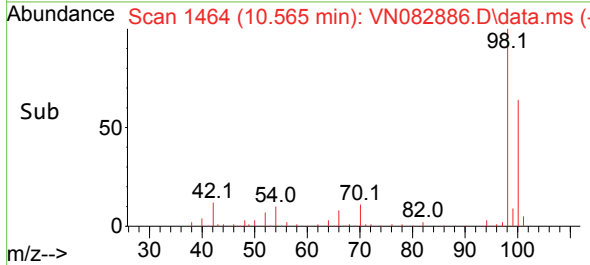
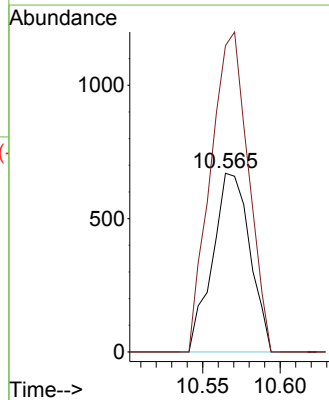
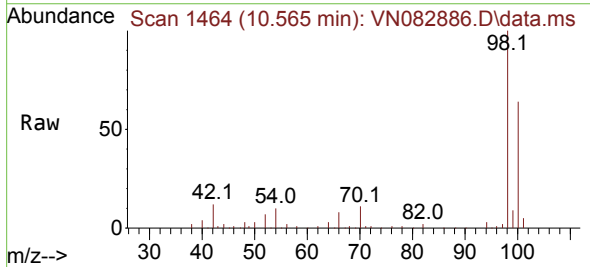
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-940-942

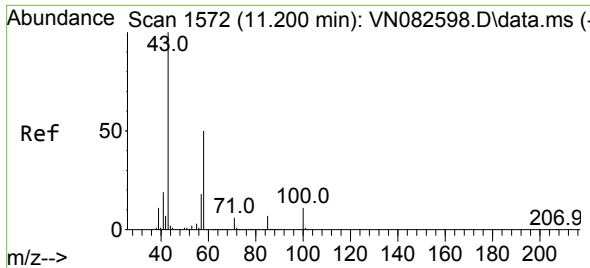
Tgt Ion: 98 Resp: 240927
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.622 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

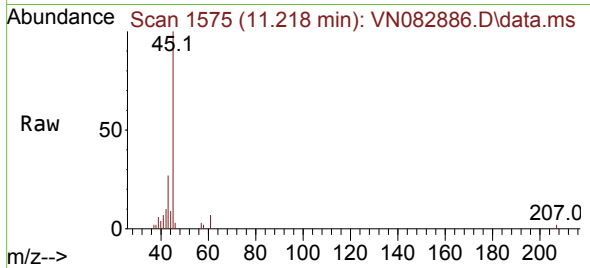
Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 180.5 28.2 42.4#



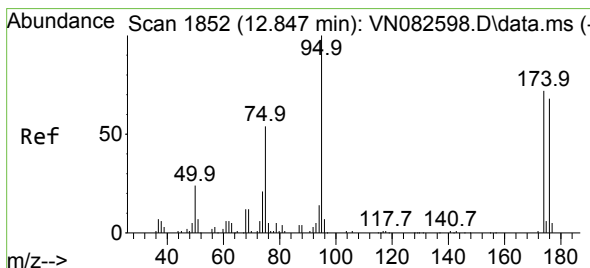
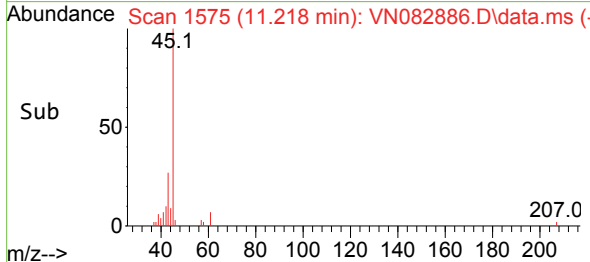
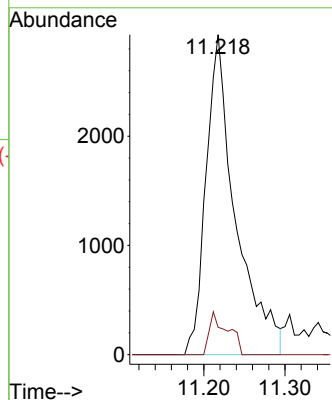


#59
2-Hexanone
Concen: 5.517 ug/l
RT: 11.218 min Scan# 1575
Delta R.T. 0.018 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-940-942

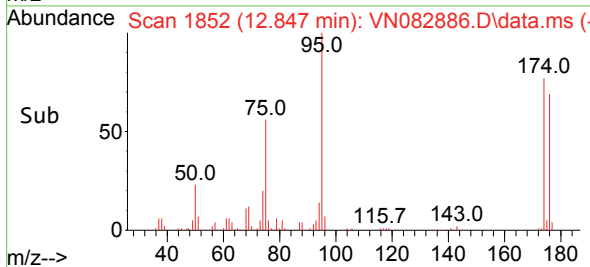
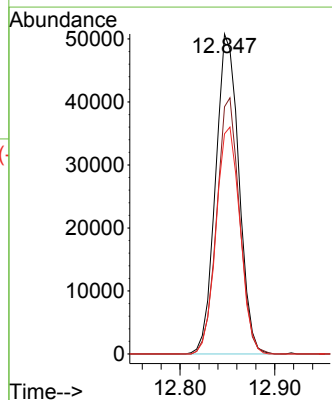
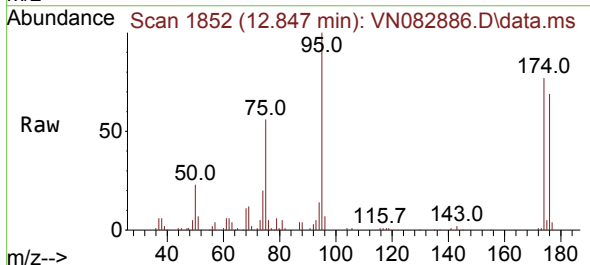


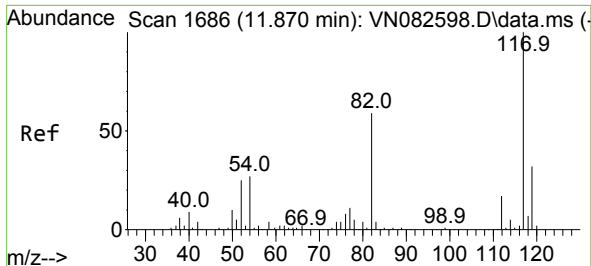
Tgt Ion: 43 Resp: 7406
Ion Ratio Lower Upper
43 100
58 8.2 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 50.413 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Tgt Ion: 95 Resp: 86781
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 72.8 0.0 147.6

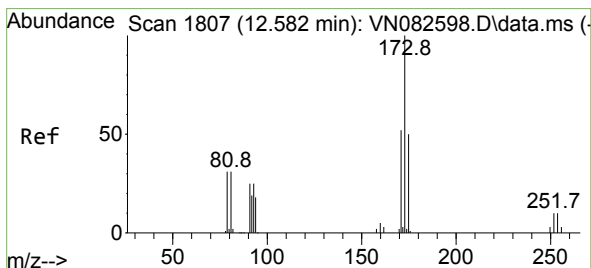
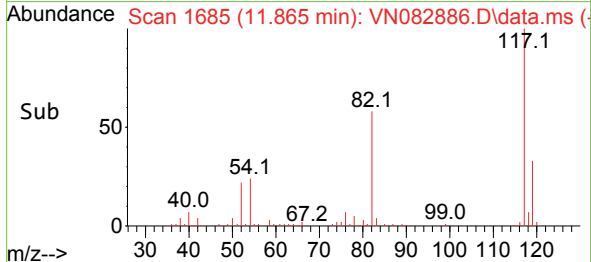
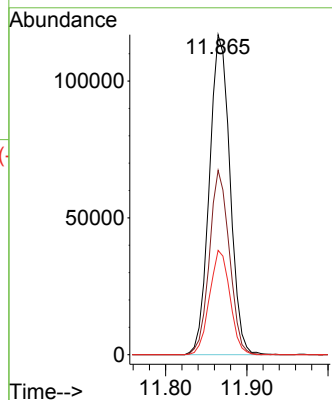
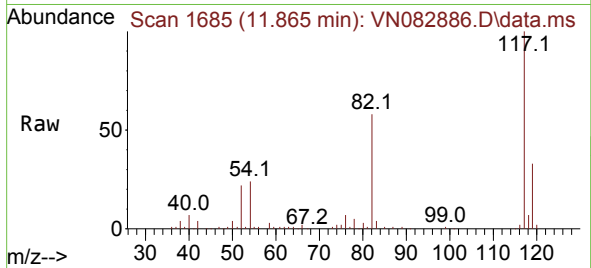




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

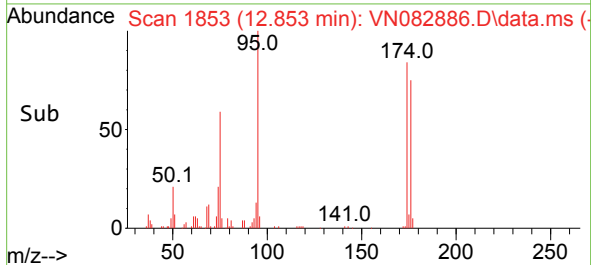
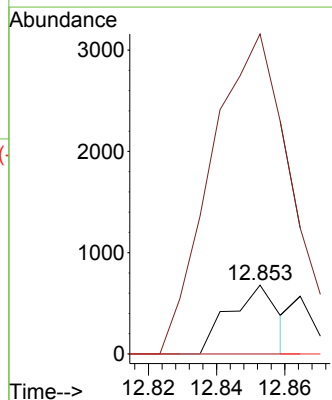
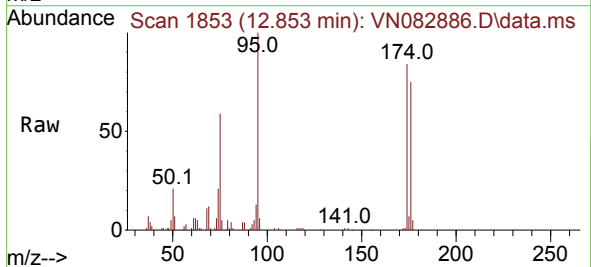
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-940-942

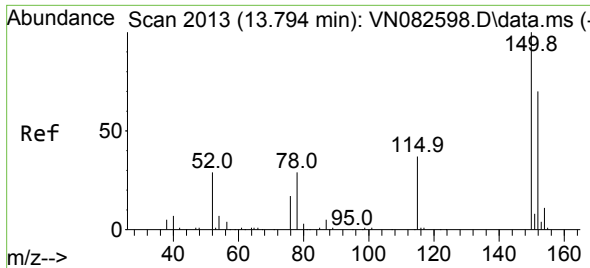
Tgt Ion:117 Resp: 206048
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 32.6 25.6 38.4



#71
Bromoform
Concen: 0.543 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082886.D
Acq: 11 Jul 2024 19:10

Tgt Ion:173 Resp: 671
Ion Ratio Lower Upper
173 100
175 658.6 24.0 72.0#
254 0.0 0.0 0.0

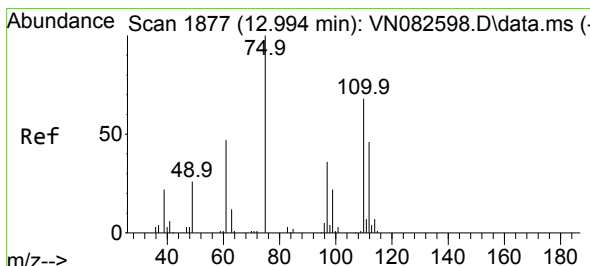
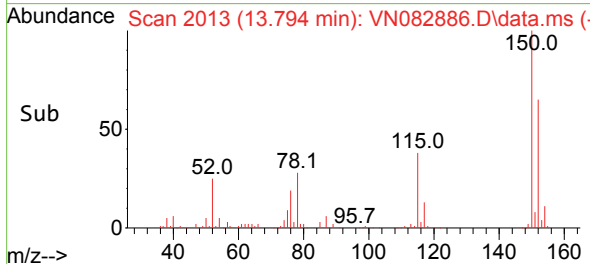
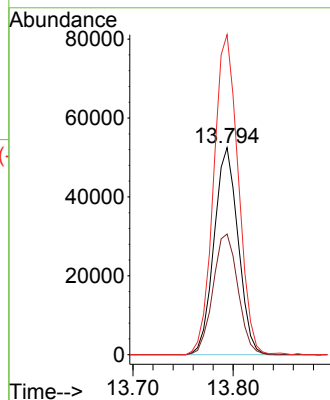
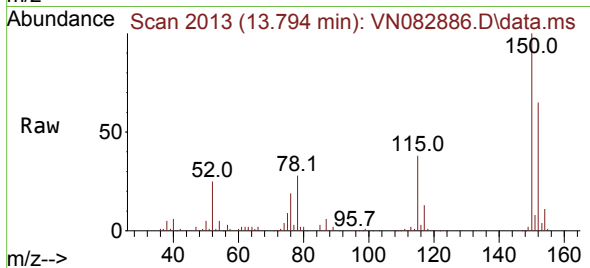




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082886.D
 Acq: 11 Jul 2024 19:10

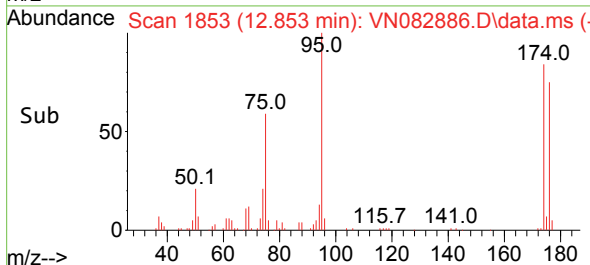
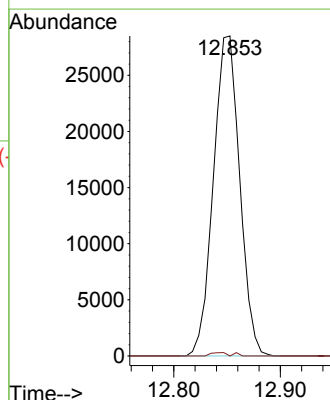
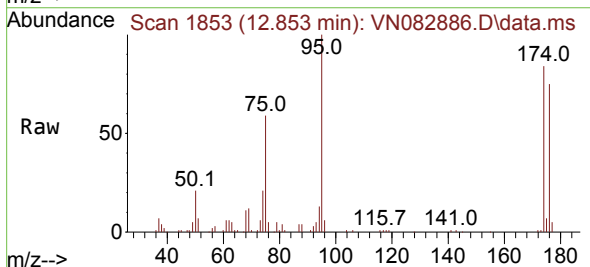
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-940-942

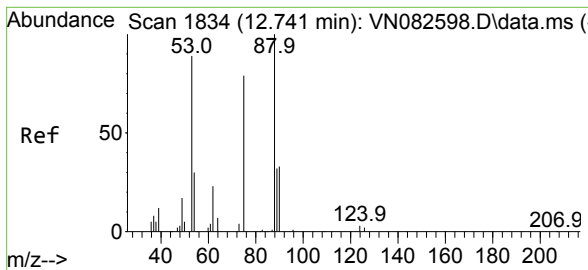
Tgt Ion:152 Resp: 87409
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.6 91.6
 150 158.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 32.446 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082886.D
 Acq: 11 Jul 2024 19:10

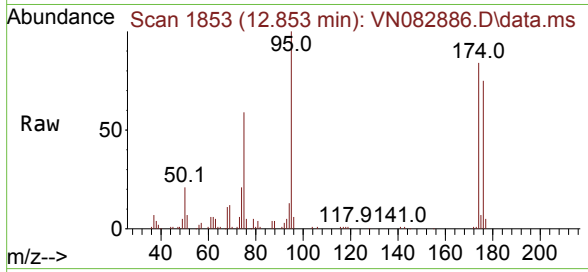
Tgt Ion: 75 Resp: 48895
 Ion Ratio Lower Upper
 75 100
 77 0.8 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.811 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082886.D
 Acq: 11 Jul 2024 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-940-942



Tgt Ion:	75	Resp:	48895
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

