

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
 Data File : VN081298.D
 Acq On : 04 Mar 2024 13:09
 Operator : JC\MD
 Sample : P1660-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-GW-960-962

Quant Time: Mar 04 15:26:24 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)

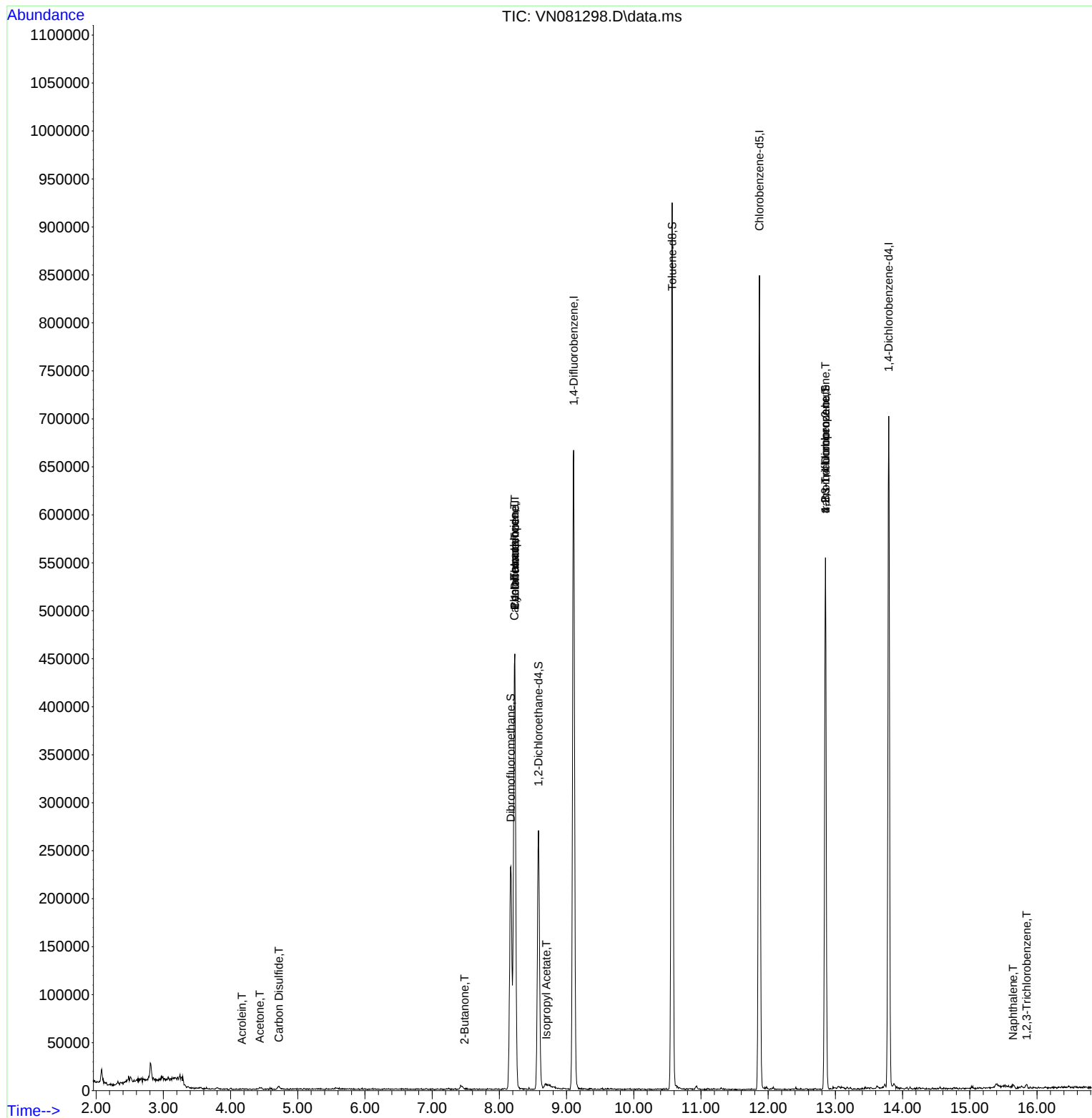
Internal Standards						
1) Pentafluorobenzene	8.230	168	310985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	472405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214414	56.250	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.500%	
35) Dibromofluoromethane	8.171	113	167635	51.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.340%	
50) Toluene-d8	10.571	98	625140	54.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.853	95	185697	42.892	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 85.780%	
Target Compounds						Qvalue
3) Chloromethane	2.371	50	1147	Below Cal	#	79
6) Chloroethane	3.130	64	59	Below Cal	#	1
13) Acrolein	4.171	56	302	0.804	ug/l	86
16) Acetone	4.436	43	2360	1.573	ug/l	# 75
17) Carbon Disulfide	4.718	76	2959	0.302	ug/l	# 79
25) 2-Butanone	7.483	43	798	0.329	ug/l	# 51
31) Cyclohexane	8.230	56	8973	1.363	ug/l	# 7
36) 1,1-Dichloropropene	8.230	75	29954	5.390	ug/l	# 50
38) Carbon Tetrachloride	8.224	117	36165	6.432	ug/l	# 18
43) Isopropyl Acetate	8.700	43	4186	0.477	ug/l	# 57
76) 1,2,3-Trichloropropane	12.853	75	101366	24.709	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	101366	63.599	ug/l	# 14
95) Naphthalene	15.647	128	3470	0.264	ug/l	# 79
96) 1,2,3-Trichlorobenzene	15.847	180	945	0.266	ug/l	83

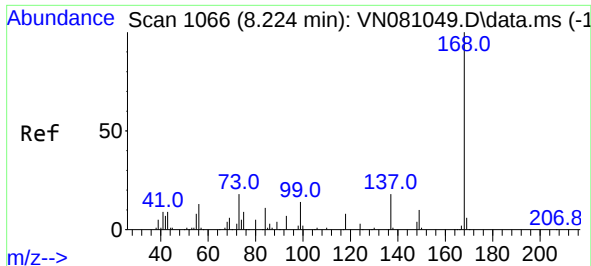
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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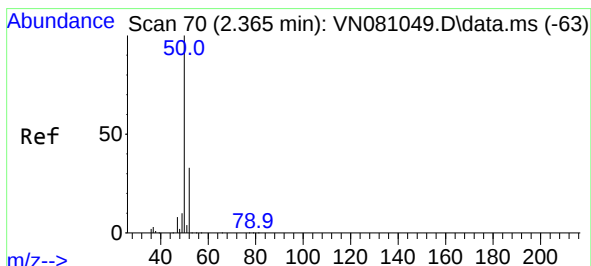
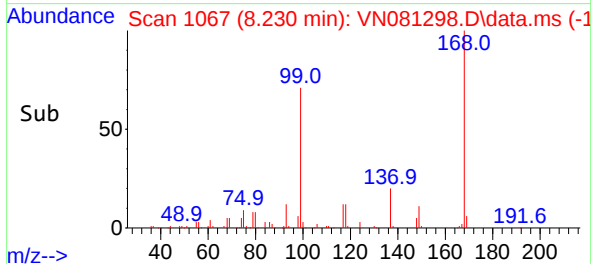
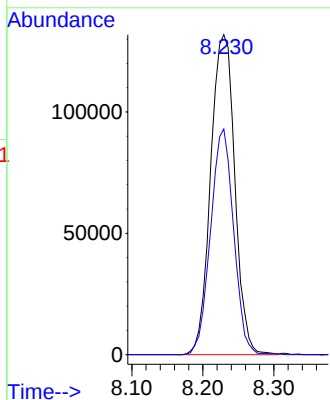
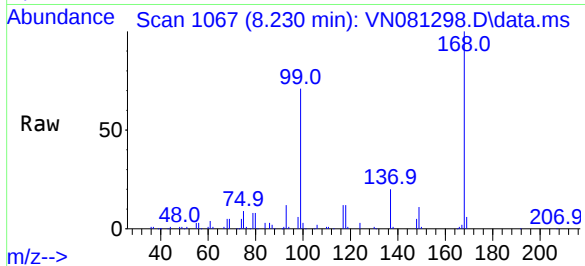




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

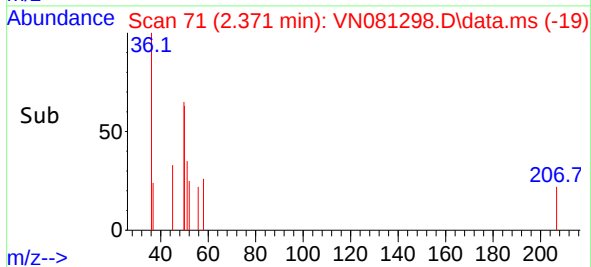
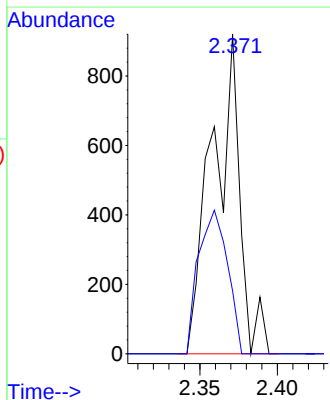
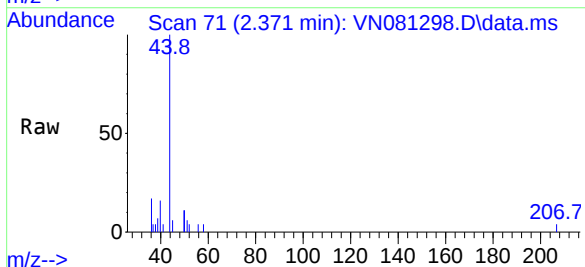
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962

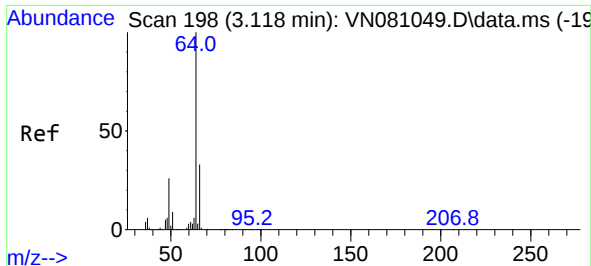
Tgt Ion:168 Resp: 310985
Ion Ratio Lower Upper
168 100
99 70.6 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion: 50 Resp: 1147
Ion Ratio Lower Upper
50 100
52 19.7 25.0 37.4#

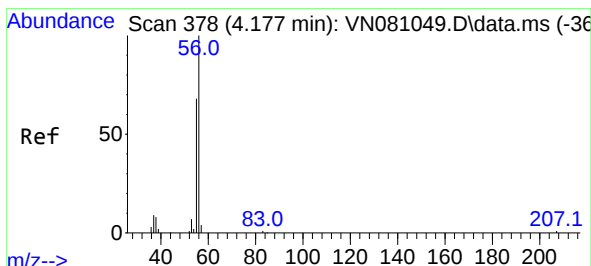
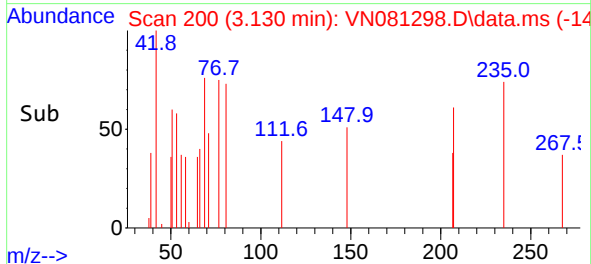
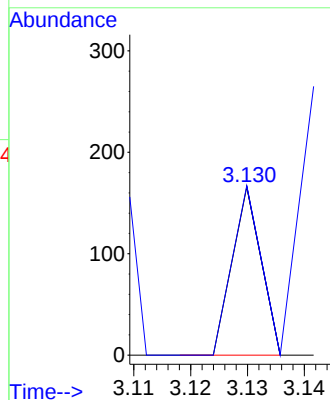
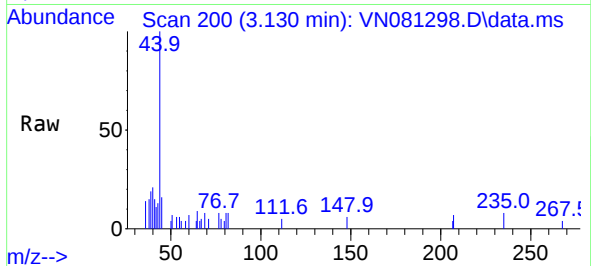




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

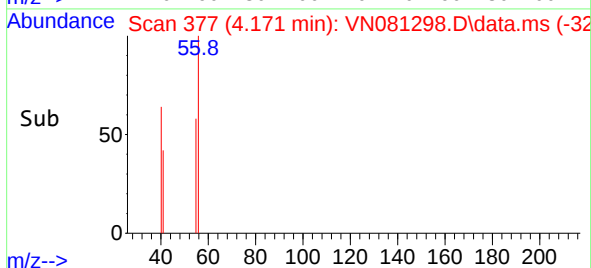
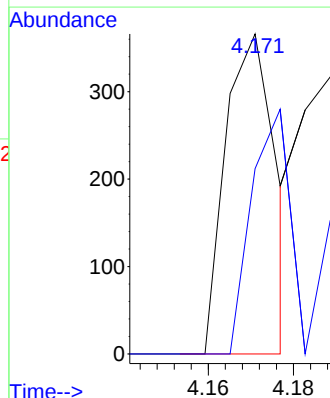
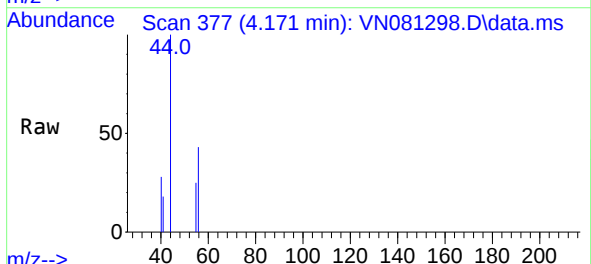
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962

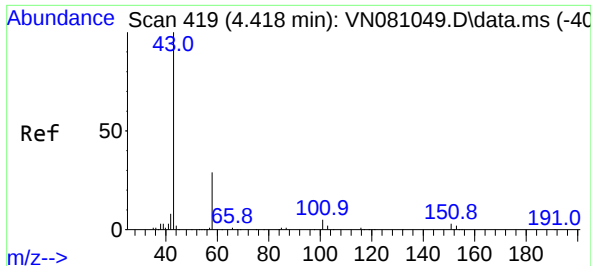
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 100.6 26.4 39.6#



#13
Acrolein
Concen: 0.804 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion: 56 Resp: 302
Ion Ratio Lower Upper
56 100
55 57.6 55.3 82.9

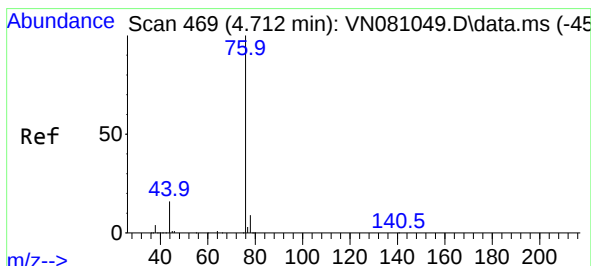
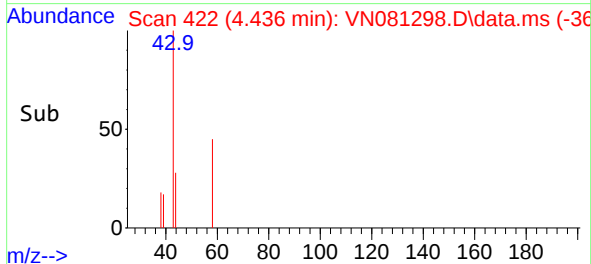
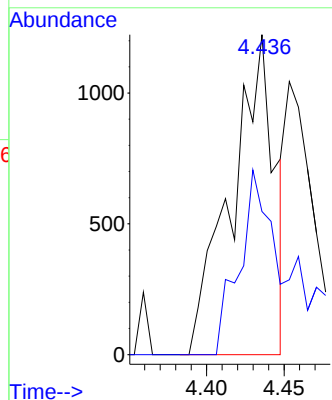
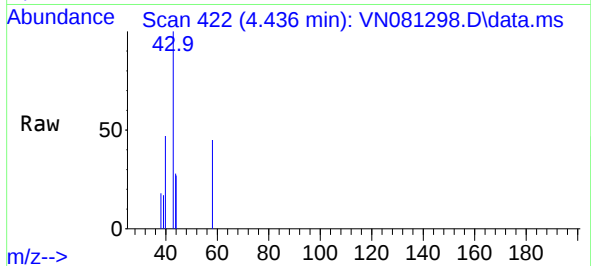




#16
Acetone
Concen: 1.573 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

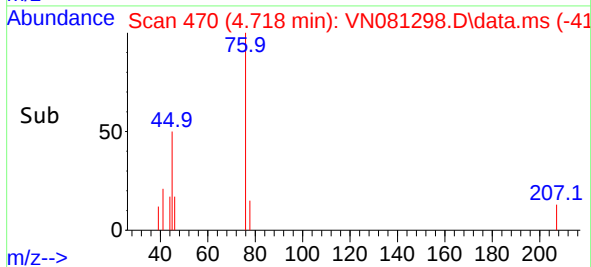
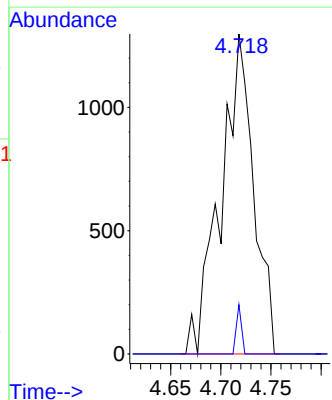
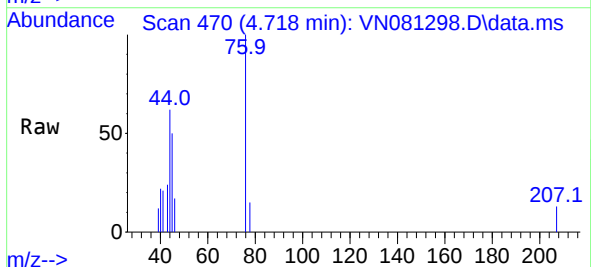
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962

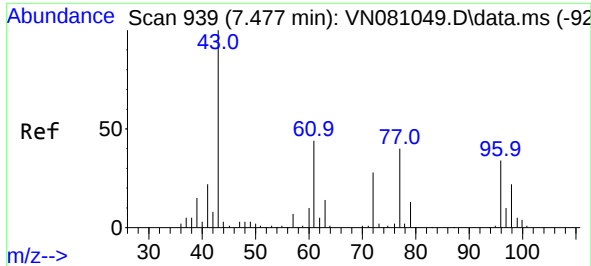
Tgt Ion: 43 Resp: 2360
Ion Ratio Lower Upper
43 100
58 44.7 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.302 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion: 76 Resp: 2959
Ion Ratio Lower Upper
76 100
78 15.4 6.3 9.5#





#25

2-Butanone

Concen: 0.329 ug/l

RT: 7.483 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN081298.D

Acq: 04 Mar 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

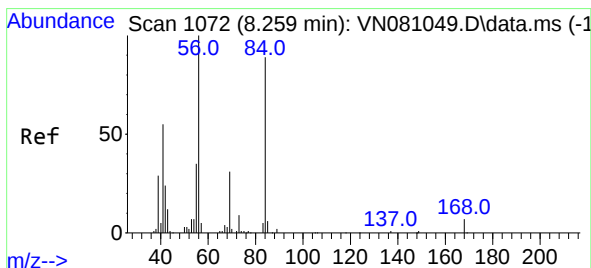
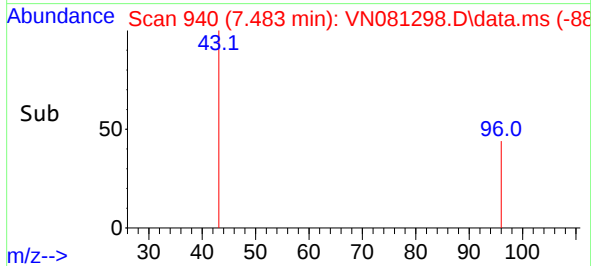
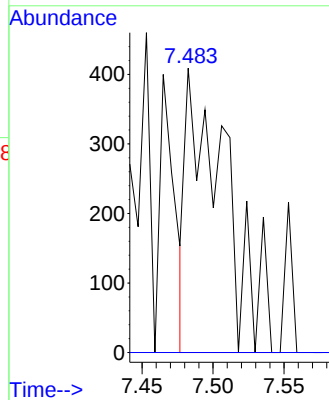
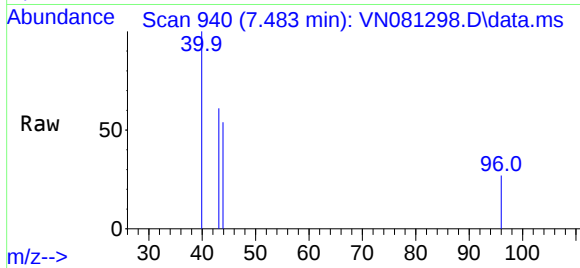
BP-VPB-195-GW-960-962

Tgt Ion: 43 Resp: 798

Ion Ratio Lower Upper

43 100

72 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 1.363 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.030 min

Lab File: VN081298.D

Acq: 04 Mar 2024 13:09

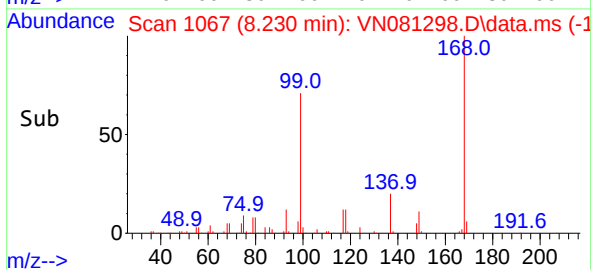
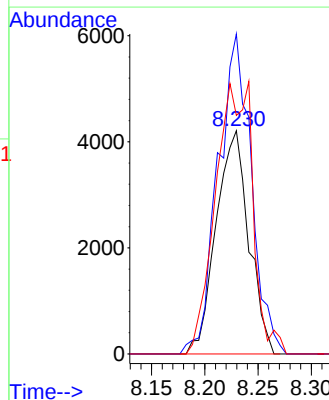
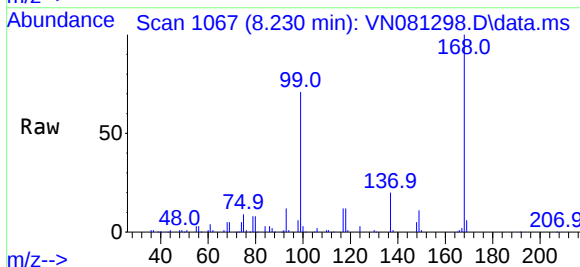
Tgt Ion: 56 Resp: 8973

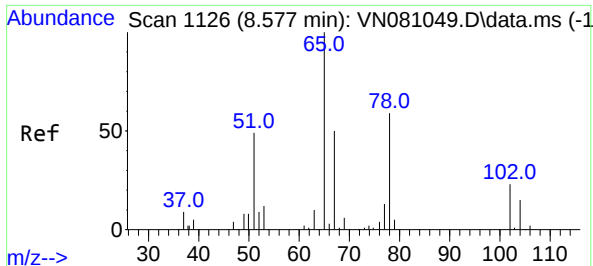
Ion Ratio Lower Upper

56 100

69 143.4 20.1 30.1#

84 106.9 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 56.250 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.005 min

Lab File: VN081298.D

Acq: 04 Mar 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

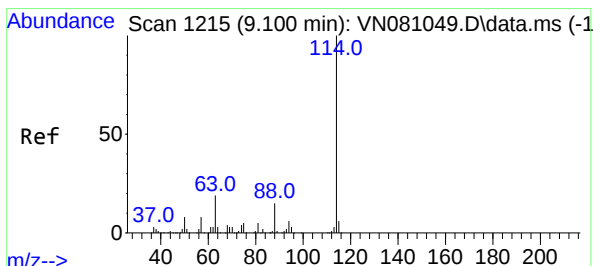
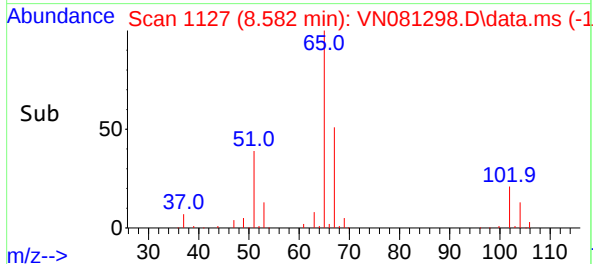
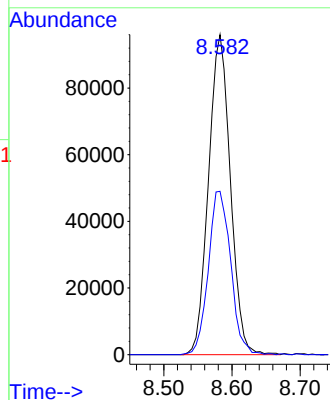
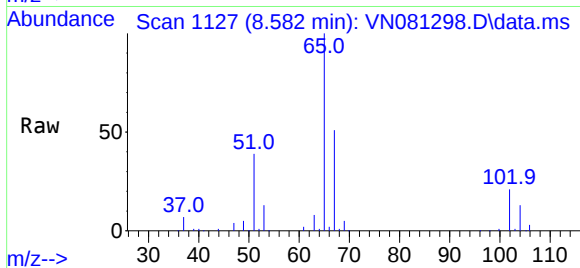
BP-VPB-195-GW-960-962

Tgt Ion: 65 Resp: 214414

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081298.D

Acq: 04 Mar 2024 13:09

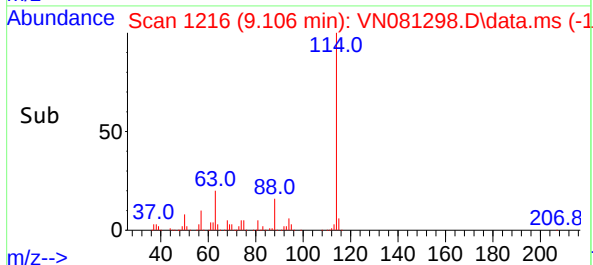
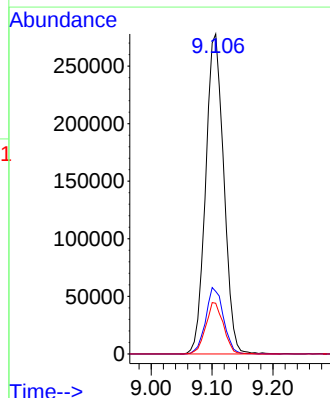
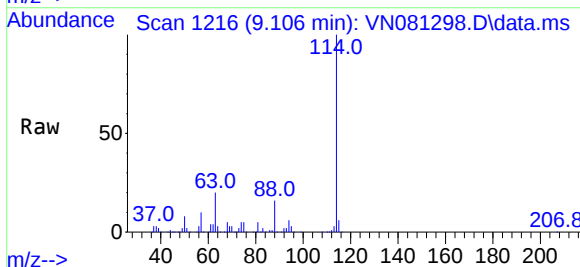
Tgt Ion: 114 Resp: 573692

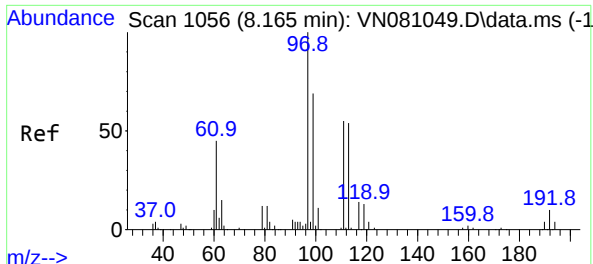
Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 15.9 0.0 34.8

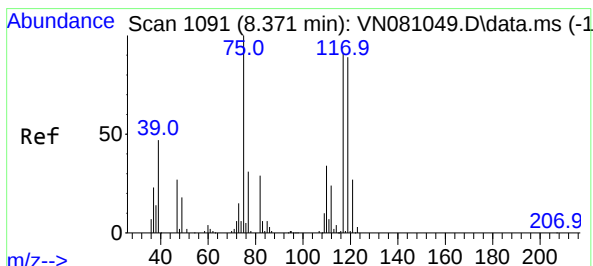
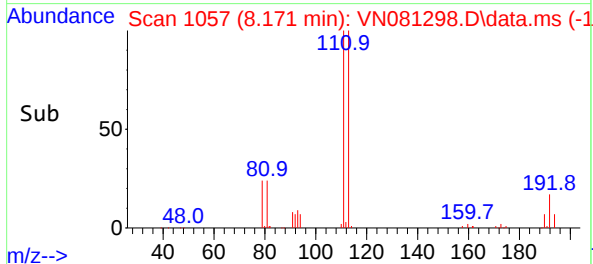
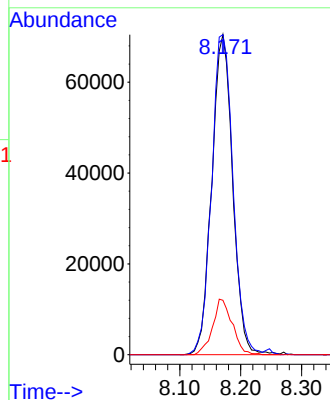
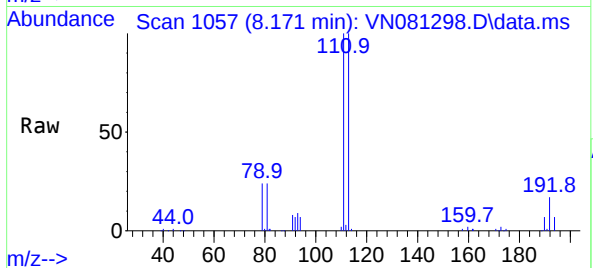




#35
Dibromofluoromethane
Concen: 51.675 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

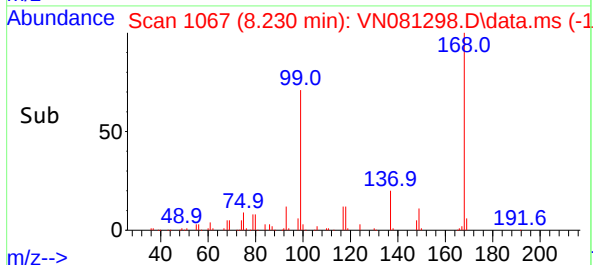
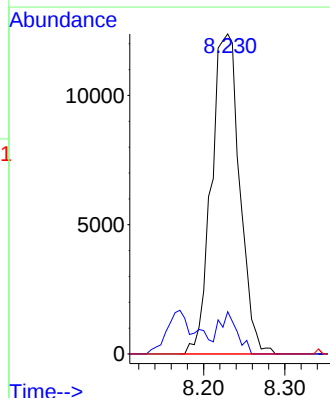
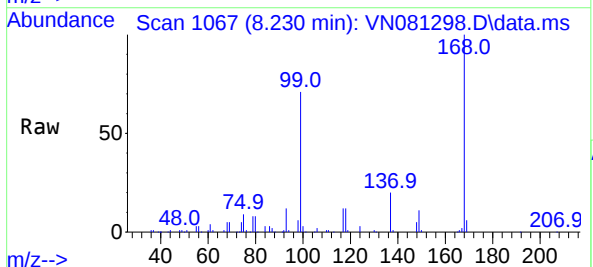
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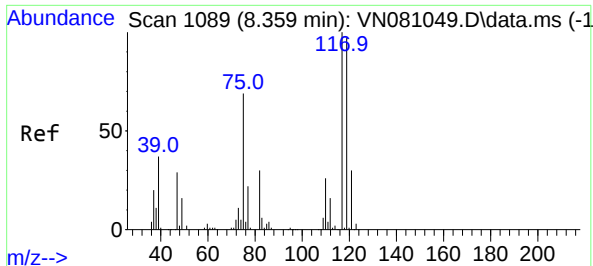
Tgt Ion:113 Resp: 167635
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.390 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion: 75 Resp: 29954
Ion Ratio Lower Upper
75 100
110 8.2 16.0 48.0#
77 0.0 25.8 38.6#

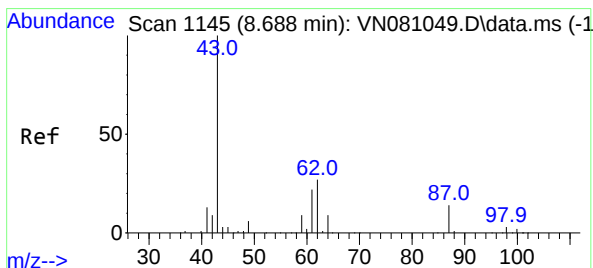
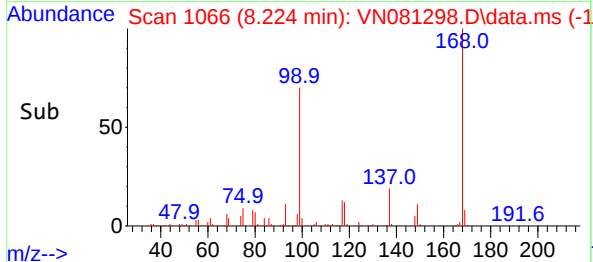
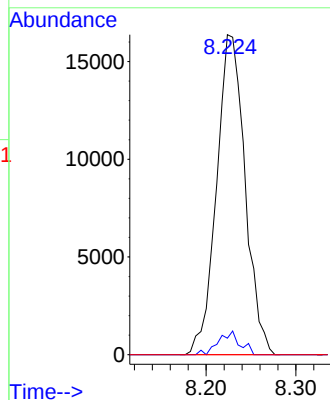
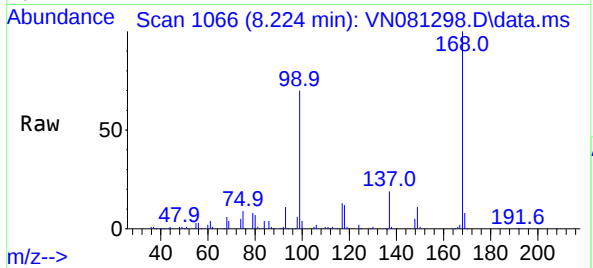




#38
Carbon Tetrachloride
Concen: 6.432 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

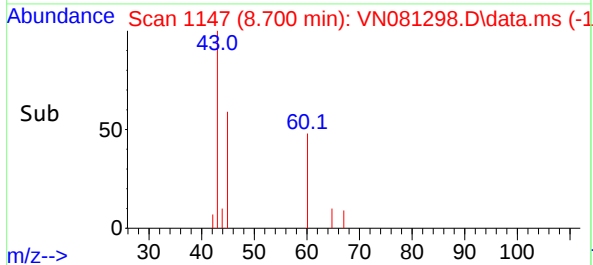
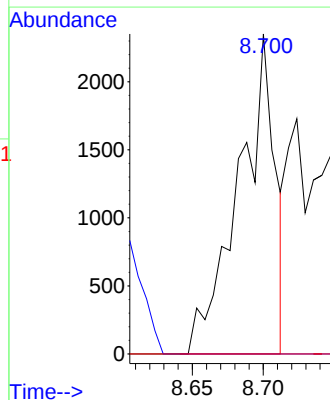
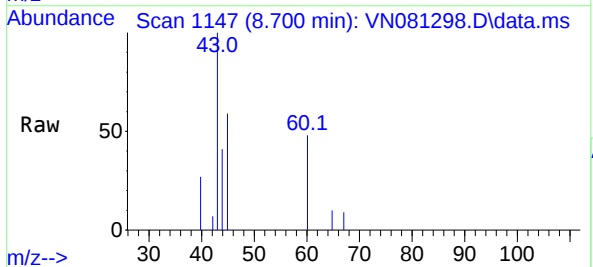
Instrument :
MSVOA_N
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BP-VPB-195-GW-960-962

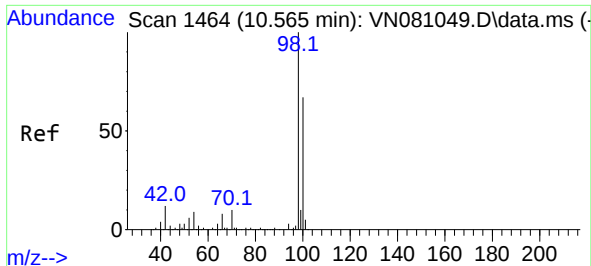
Tgt Ion:117 Resp: 36165
Ion Ratio Lower Upper
117 100
119 5.2 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.477 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion: 43 Resp: 4186
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#

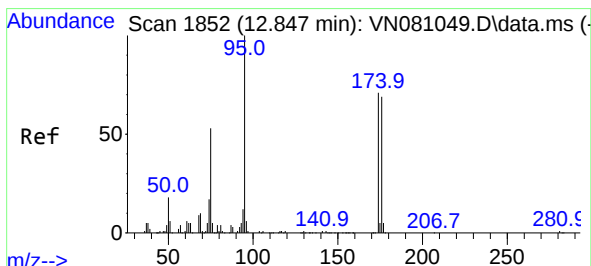
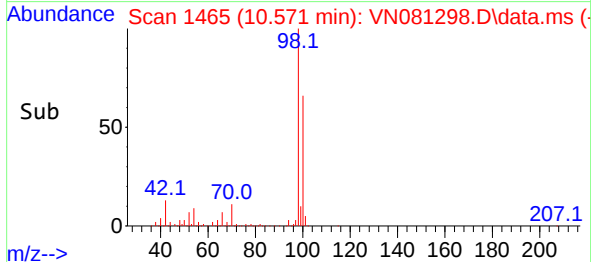
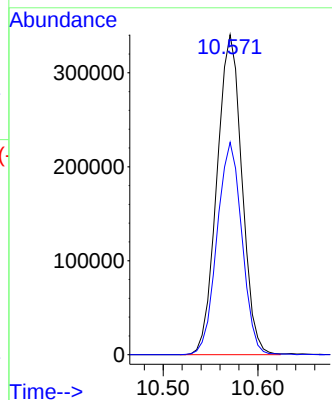
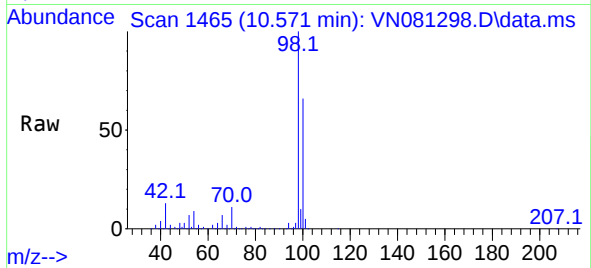




#50
Toluene-d8
Concen: 54.256 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

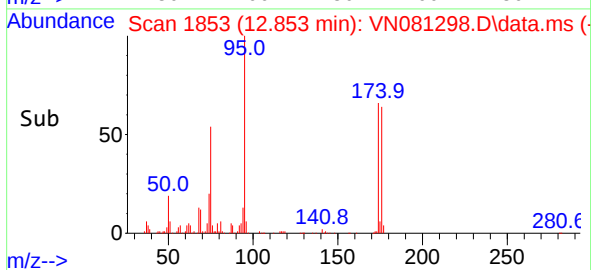
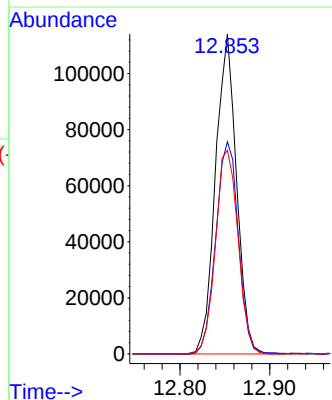
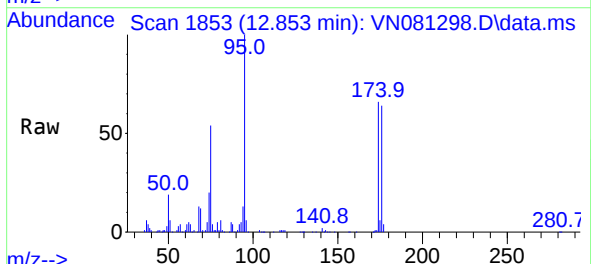
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962

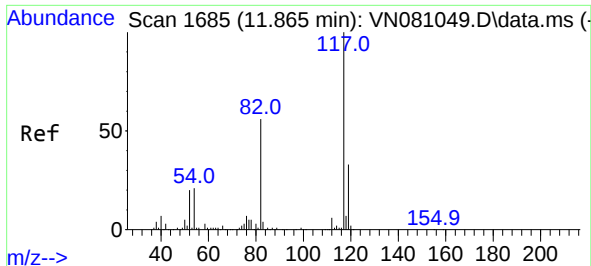
Tgt Ion: 98 Resp: 625140
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.892 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion: 95 Resp: 185697
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 68.3 0.0 121.0

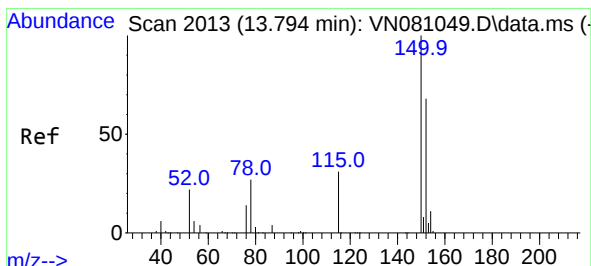
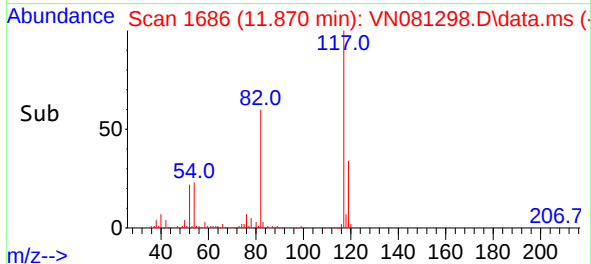
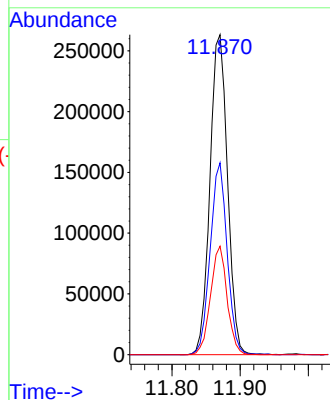
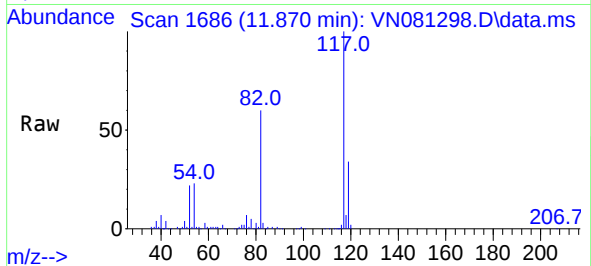




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

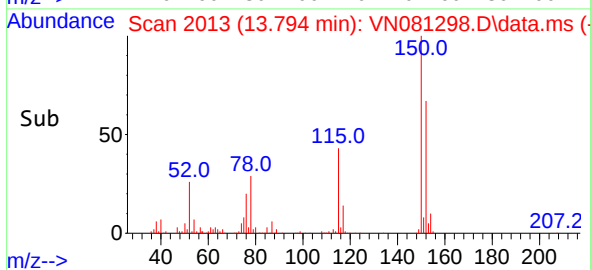
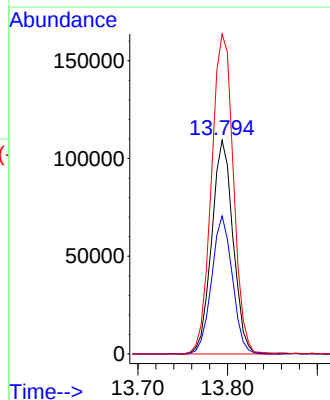
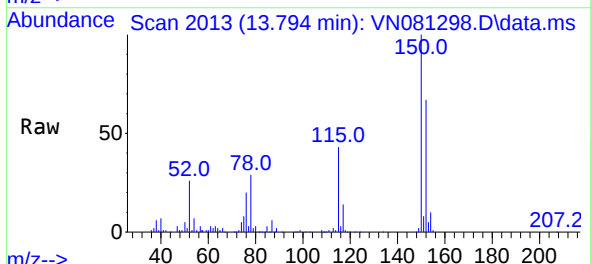
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962

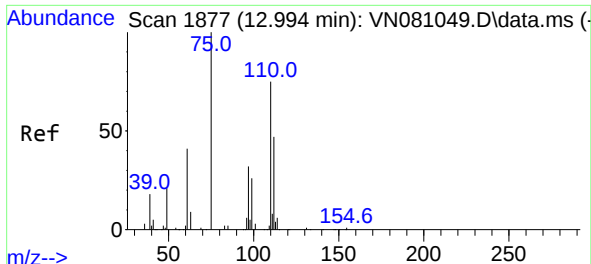
Tgt Ion:	117	Resp:	472405
Ion	Ratio	Lower	Upper
117	100		
82	60.0	52.7	79.1
119	33.9	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion:	152	Resp:	180557
Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.3	96.8
150	153.9	0.0	339.8

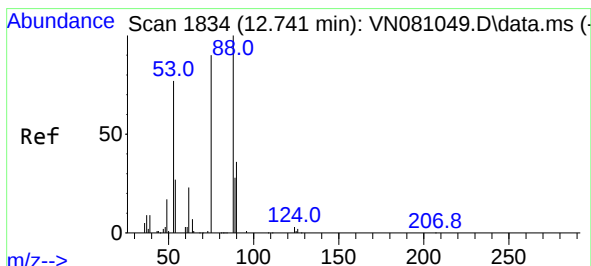
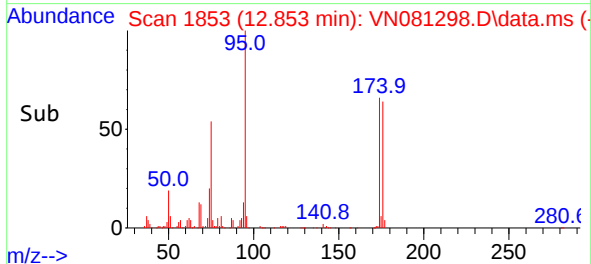
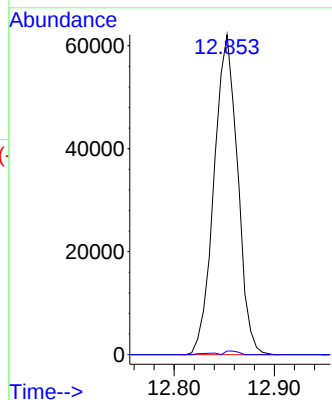
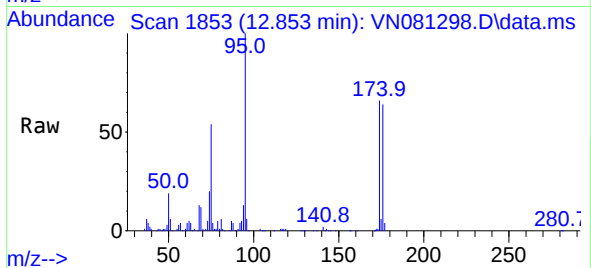




#76
1,2,3-Trichloropropane
Concen: 24.709 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

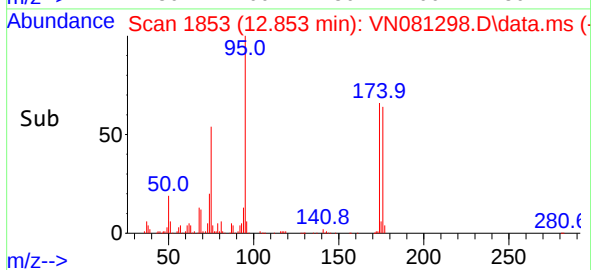
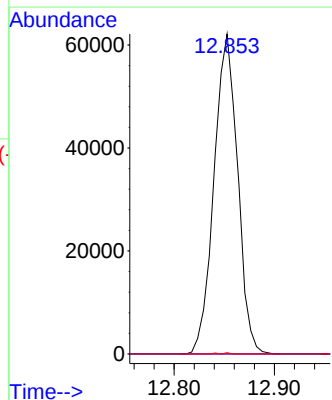
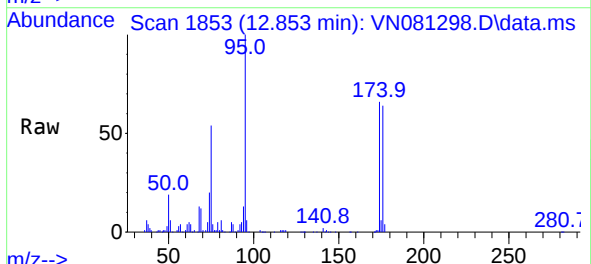
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962

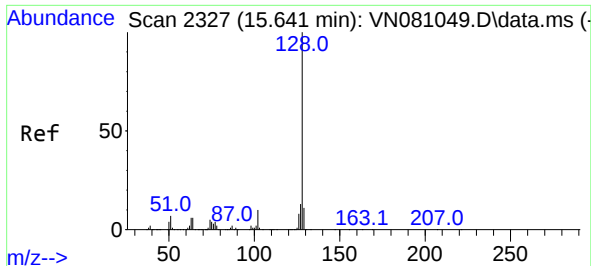
Tgt Ion: 75 Resp: 101366
Ion Ratio Lower Upper
75 100
77 1.0 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.599 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion: 75 Resp: 101366
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

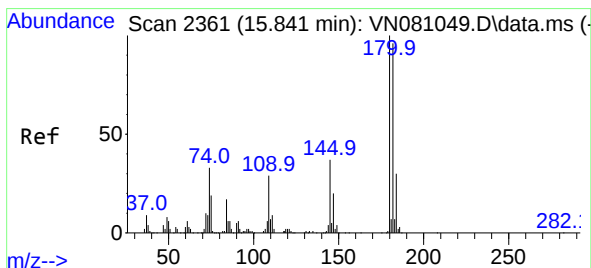
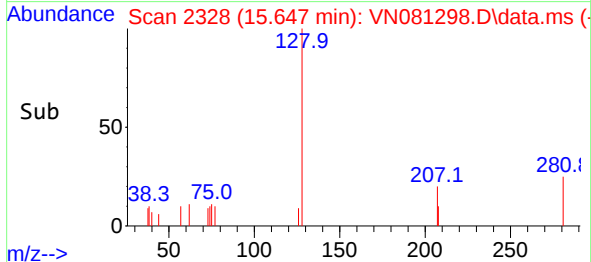
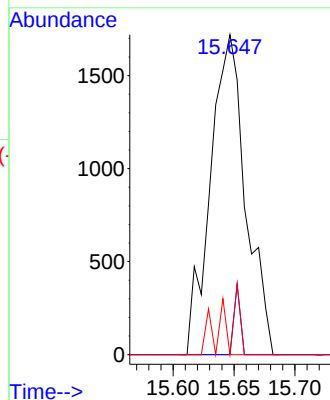
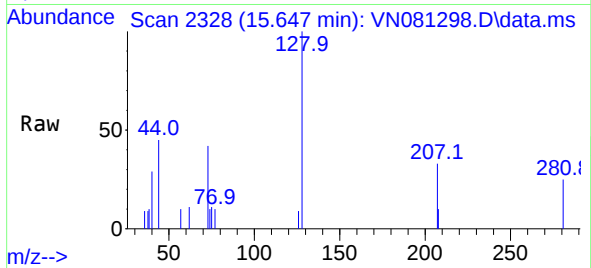




#95
Naphthalene
Concen: 0.264 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962

Tgt Ion:128 Resp: 3470
Ion Ratio Lower Upper
128 100
127 3.8 10.0 15.0#
129 3.1 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.266 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion:180 Resp: 945
Ion Ratio Lower Upper
180 100
182 114.0 46.5 139.3
145 33.9 17.8 53.4

