

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082533.D
 Acq On : 12 Jun 2024 16:59
 Operator : JC\MD
 Sample : P2839-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-318-320

Quant Time: Jun 12 17:28:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

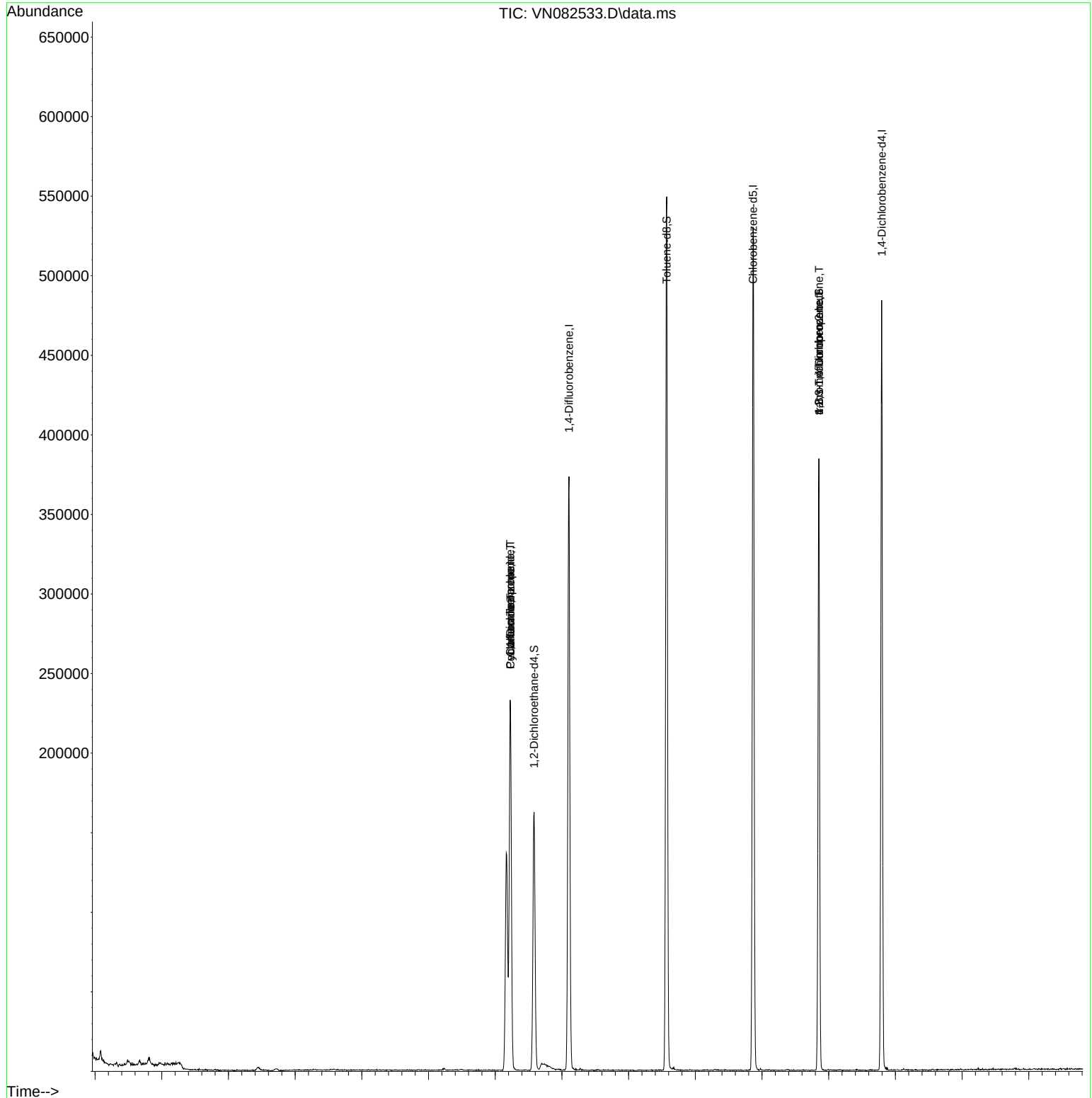
Internal Standards						
1) Pentafluorobenzene	8.230	168	161333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133819	52.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.060%			
35) Dibromofluoromethane	8.165	113	98212	53.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	10.571	98	361344	51.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.853	95	119156	47.306	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.620%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	598	0.227	ug/l #	83
11) Tert butyl alcohol	5.530	59	319	0.780	ug/l #	71
16) Acetone	4.442	43	4189	4.009	ug/l #	87
17) Carbon Disulfide	4.706	76	1624	0.285	ug/l #	74
25) 2-Butanone	7.477	43	711	0.449	ug/l #	43
31) Cyclohexane	8.230	56	4806	1.181	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	15120	4.898	ug/l #	49
37) Ethyl Acetate	7.477	43	711	0.206	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17676	5.648	ug/l #	15
43) Isopropyl Acetate	8.694	43	3188	0.521	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	70710	27.921	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70710	65.305	ug/l #	12

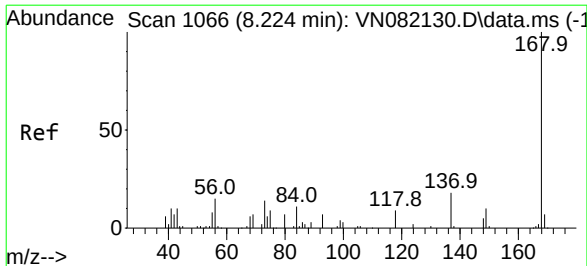
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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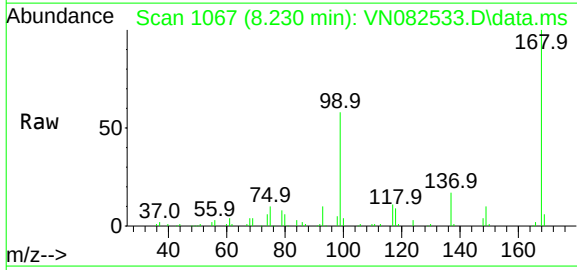
Quant Time: Jun 12 17:28:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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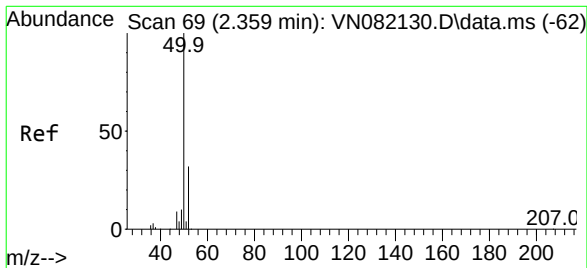
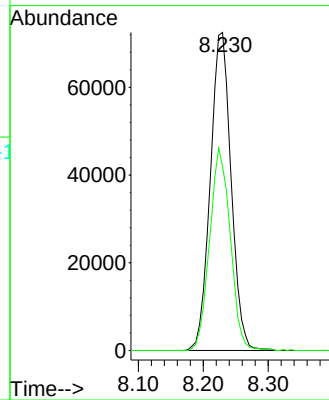
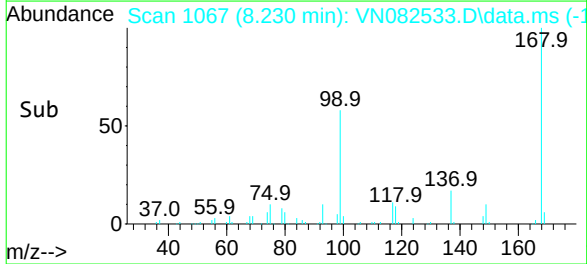


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-318-320

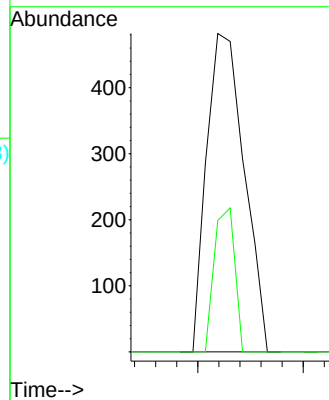
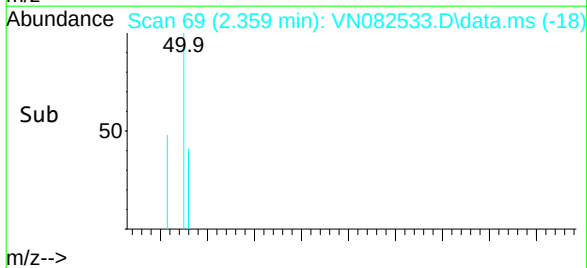
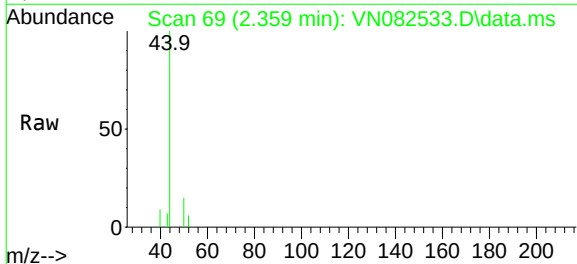


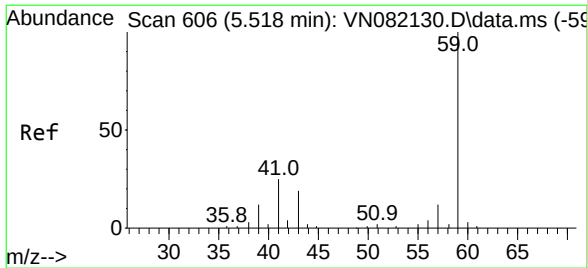
Tgt Ion: 168 Resp: 161333
Ion Ratio Lower Upper
168 100
99 57.8 48.2 72.4



#3
Chloromethane
Concen: 0.227 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Tgt Ion: 50 Resp: 598
Ion Ratio Lower Upper
50 100
52 41.3 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.780 ug/l

RT: 5.530 min Scan# 606

Delta R.T. 0.012 min

Lab File: VN082533.D

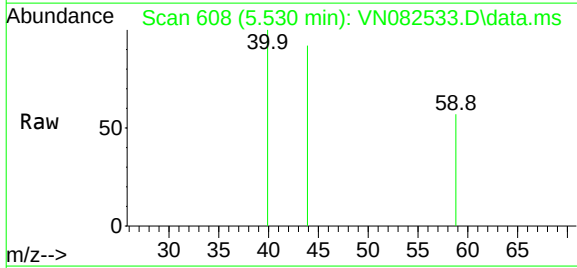
Acq: 12 Jun 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-318-320

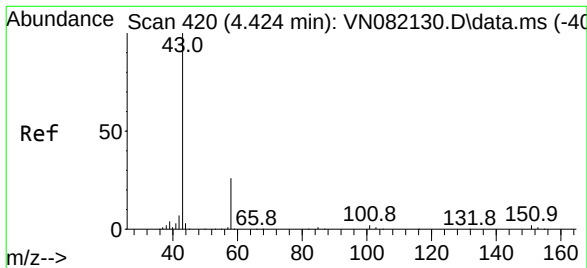
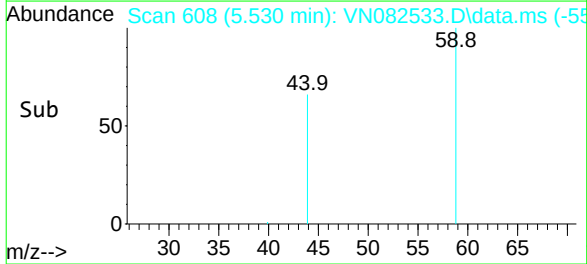
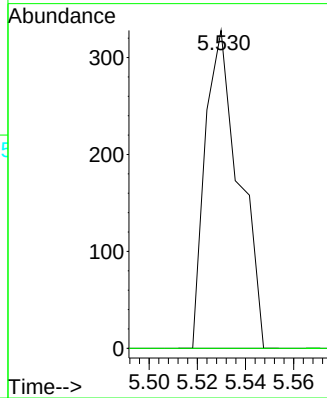


Tgt Ion: 59 Resp: 319

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 4.009 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.018 min

Lab File: VN082533.D

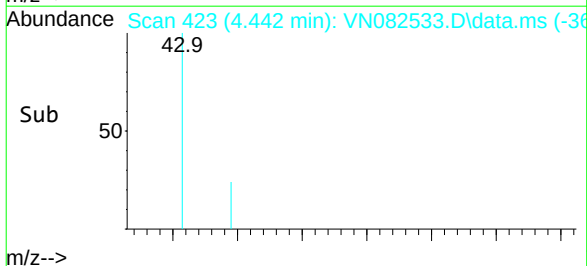
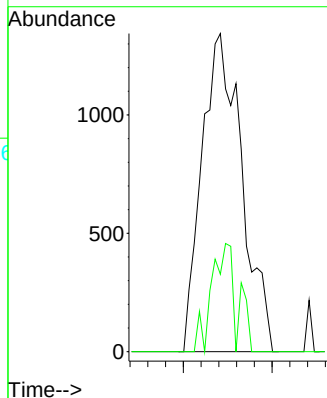
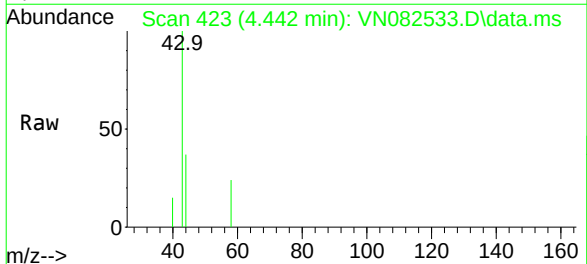
Acq: 12 Jun 2024 16:59

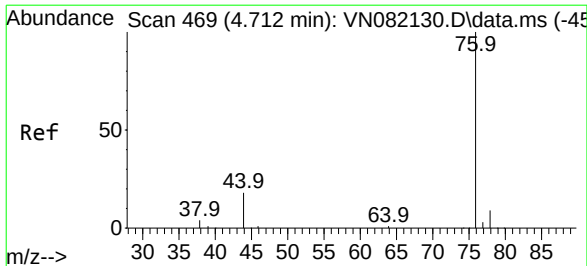
Tgt Ion: 43 Resp: 4189

Ion Ratio Lower Upper

43 100

58 24.3 25.2 37.8#





#17

Carbon Disulfide

Concen: 0.285 ug/l

RT: 4.706 min Scan# 46

Delta R.T. -0.006 min

Lab File: VN082533.D

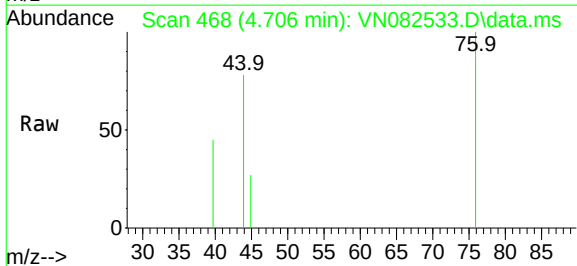
Acq: 12 Jun 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-318-320

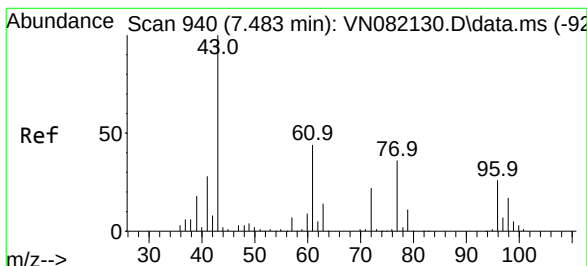
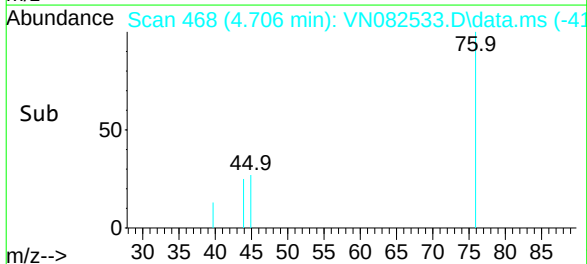
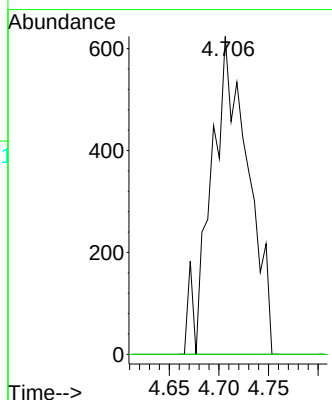


Tgt Ion: 76 Resp: 1624

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#25

2-Butanone

Concen: 0.449 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN082533.D

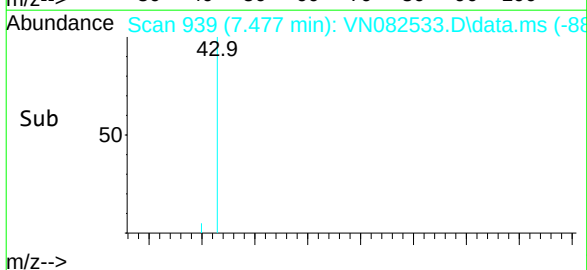
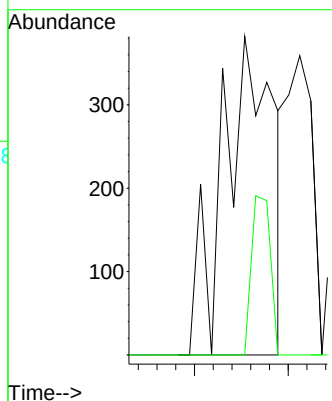
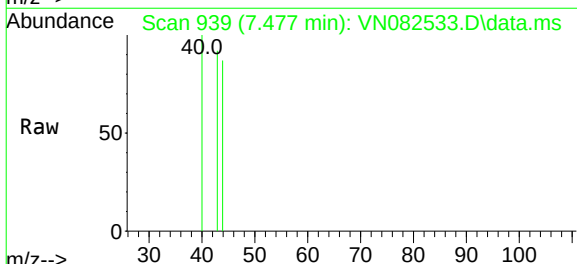
Acq: 12 Jun 2024 16:59

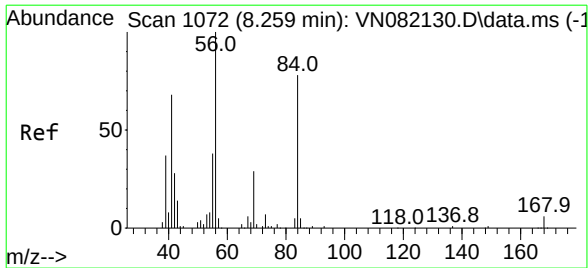
Tgt Ion: 43 Resp: 711

Ion Ratio Lower Upper

43 100

72 0.0 25.3 37.9#

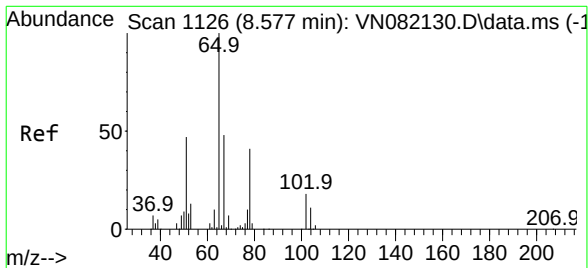
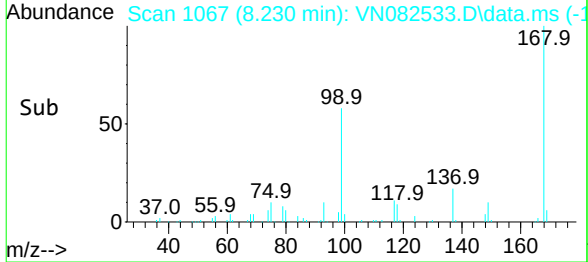
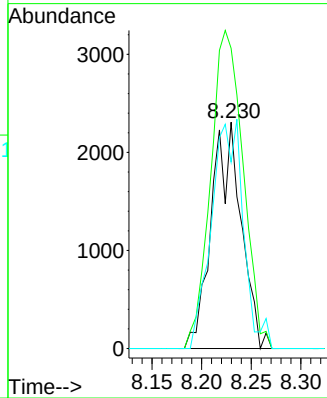
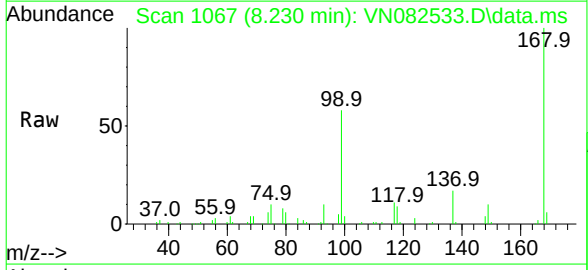




#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

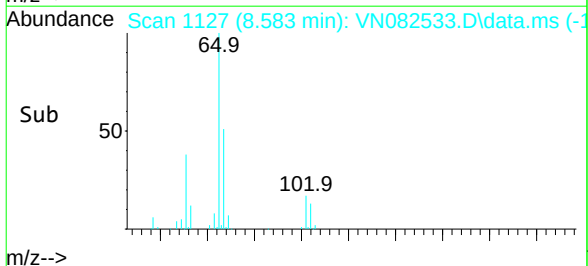
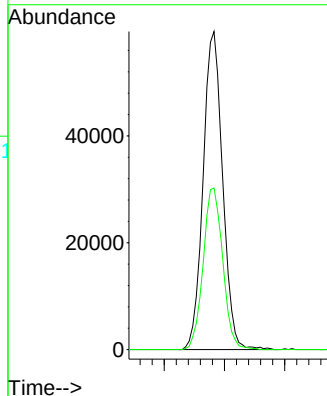
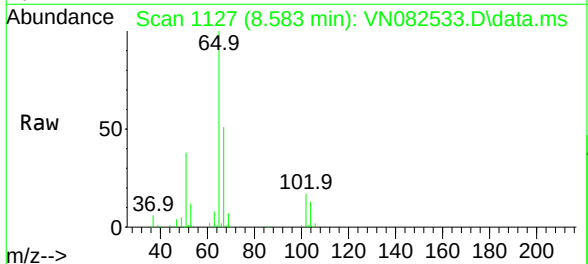
Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-GW-318-320

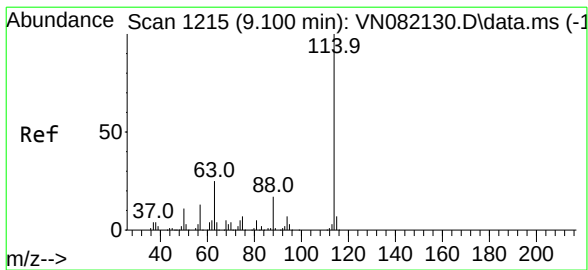
Tgt Ion:	56	Resp:	4806
Ion Ratio	Lower	Upper	
56	100		
69	132.7	24.4	36.6#
84	82.4	77.0	115.4



#33
1,2-Dichloroethane-d4
Concen: 52.530 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Tgt Ion:	65	Resp:	133819
Ion Ratio	Lower	Upper	
65	100		
67	51.0	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN082533.D

Acq: 12 Jun 2024 16:59

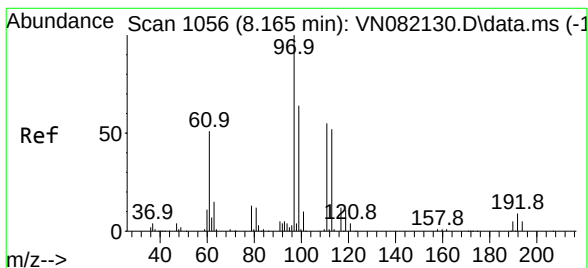
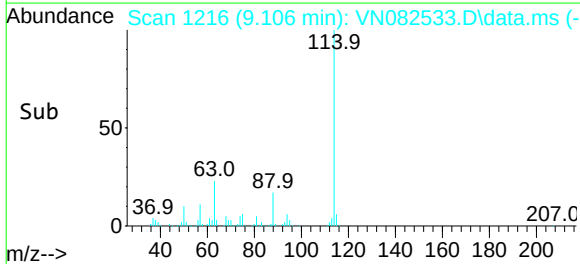
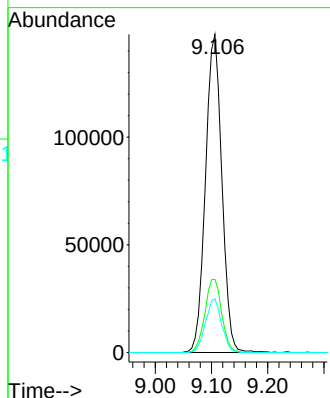
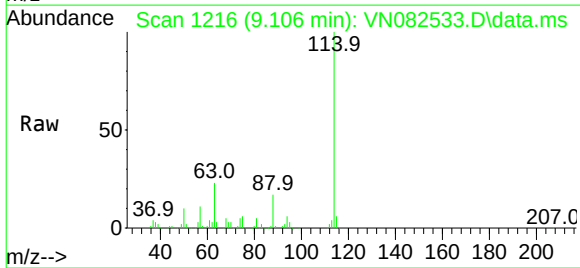
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-318-320

Tgt Ion:	114	Resp:	299224
Ion Ratio	Lower	Upper	
114	100		
63	23.0	0.0	41.0
88	16.9	0.0	31.4



#35

Dibromofluoromethane

Concen: 53.356 ug/l

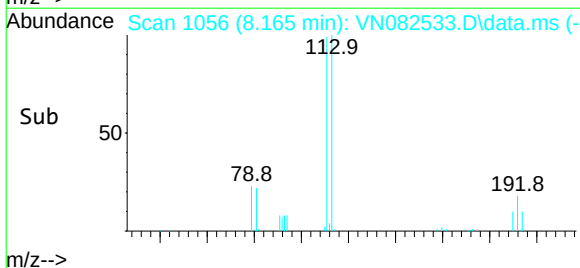
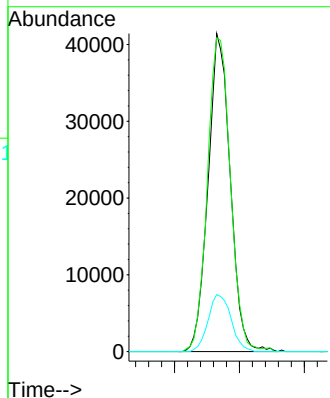
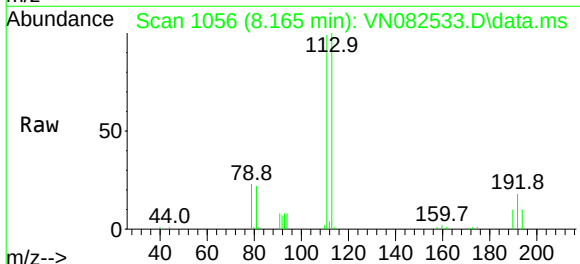
RT: 8.165 min Scan# 1056

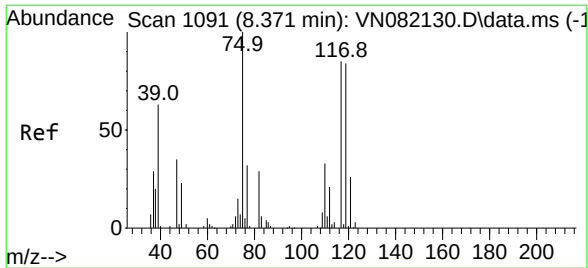
Delta R.T. 0.000 min

Lab File: VN082533.D

Acq: 12 Jun 2024 16:59

Tgt Ion:	113	Resp:	98212
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.4	125.2
192	18.6	14.0	21.0

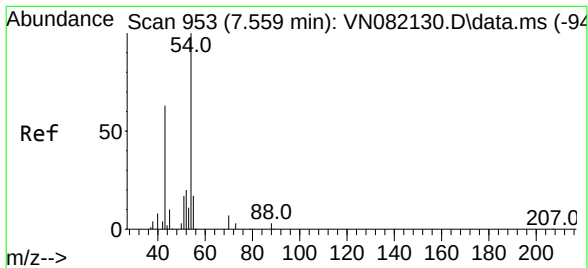
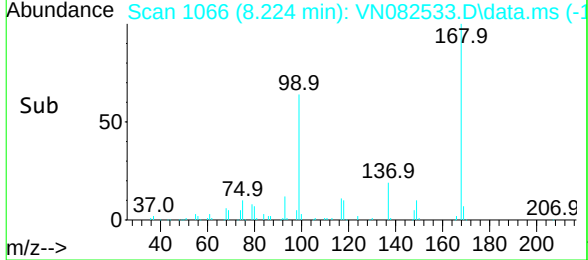
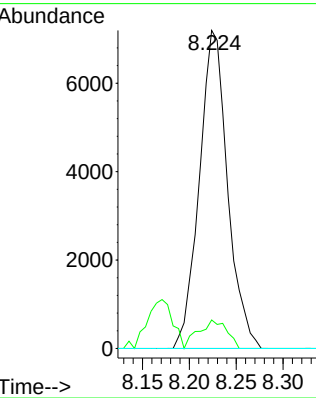
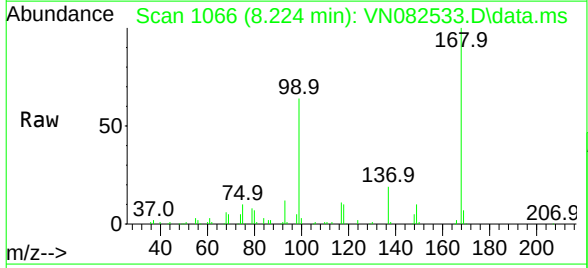




#36
1,1-Dichloropropene
Concen: 4.898 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.147 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

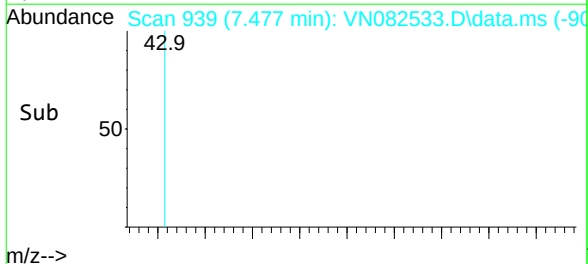
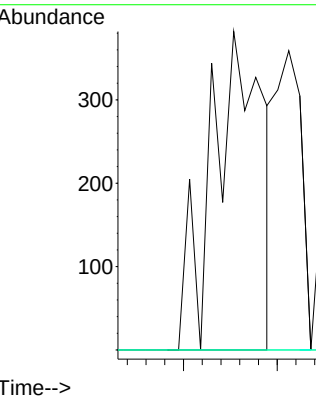
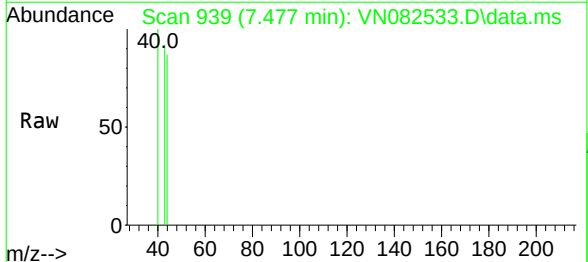
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-318-320

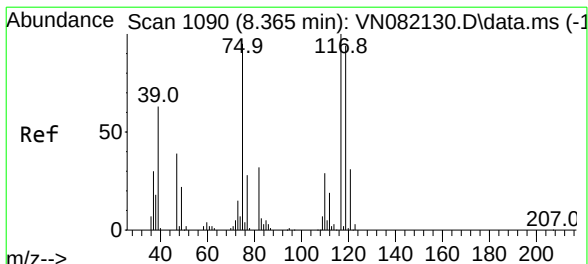
Tgt Ion:	75	Resp:	15120
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.8	53.5#
77	0.0	25.0	37.4#



#37
Ethyl Acetate
Concen: 0.206 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.082 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

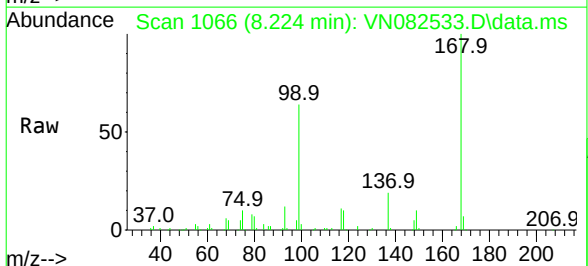
Tgt Ion:	43	Resp:	711
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.0	8.7	13.1#



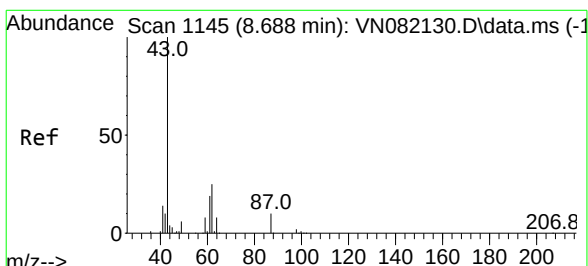
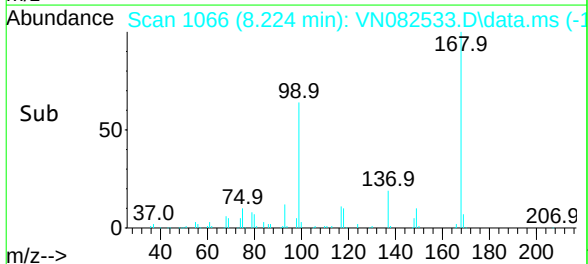
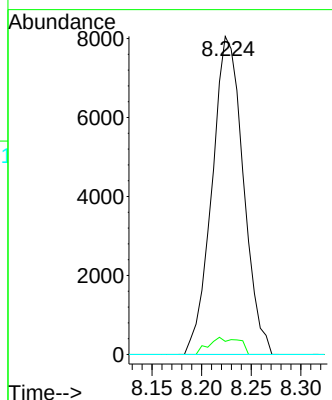


#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-GW-318-320

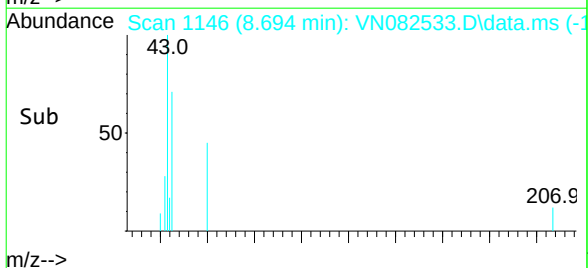
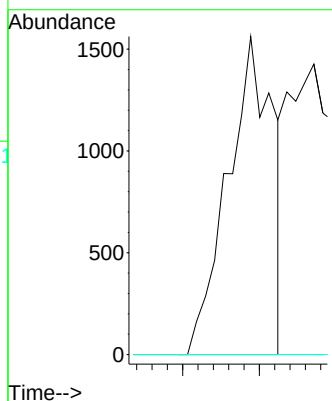
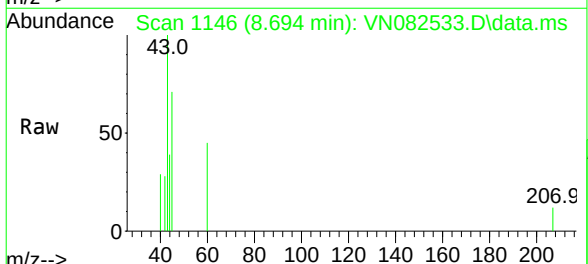


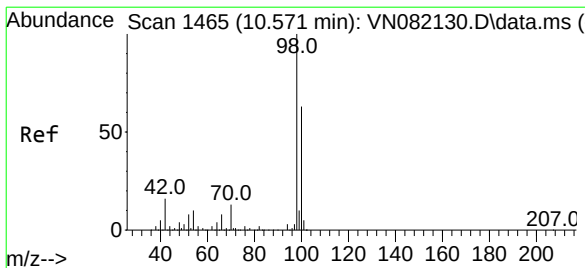
Tgt Ion:	117	Resp:	17676
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.5	114.7#
121	0.0	23.9	35.9#



#43
Isopropyl Acetate
Concen: 0.521 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Tgt Ion:	43	Resp:	3188
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	0.0	12.0	18.0#





#50

Toluene-d8

Concen: 51.203 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082533.D

Acq: 12 Jun 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

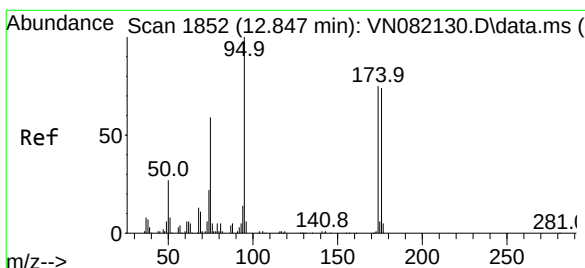
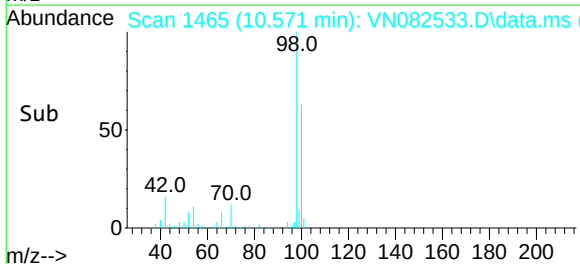
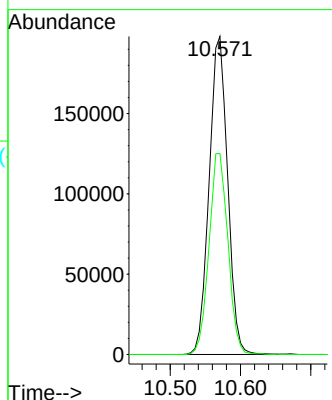
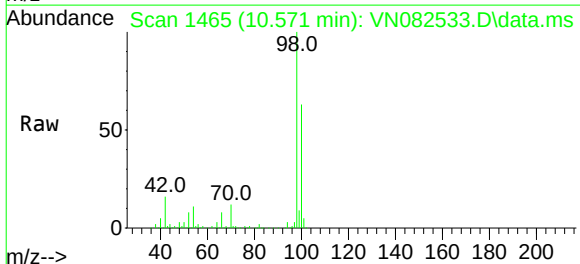
BP-VPB-189-GW-318-320

Tgt Ion: 98 Resp: 361344

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 47.306 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082533.D

Acq: 12 Jun 2024 16:59

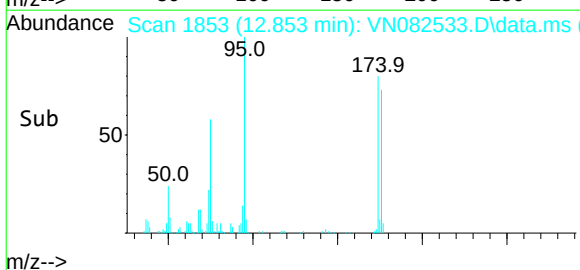
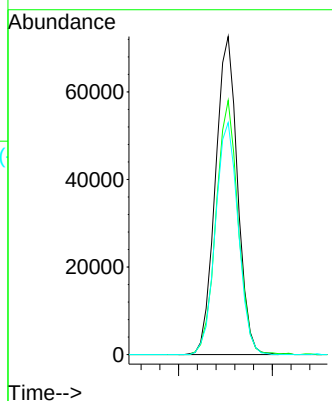
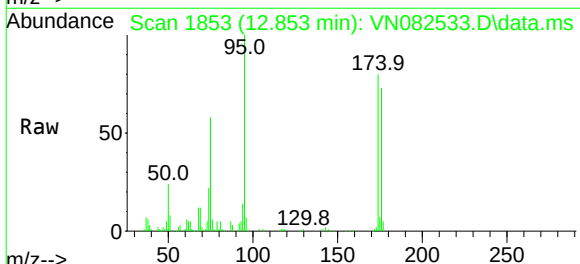
Tgt Ion: 95 Resp: 119156

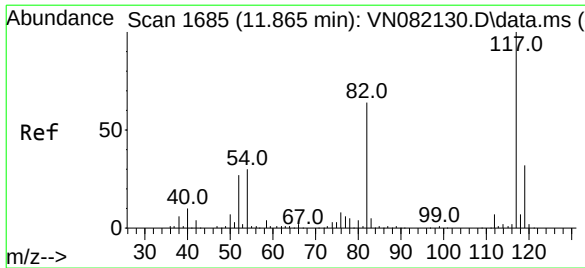
Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.6

176 74.8 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN082533.D

Acq: 12 Jun 2024 16:59

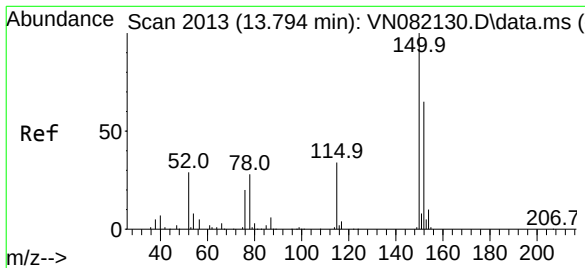
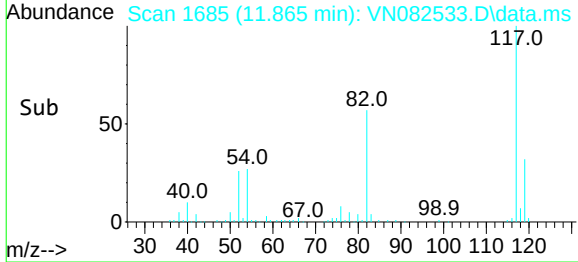
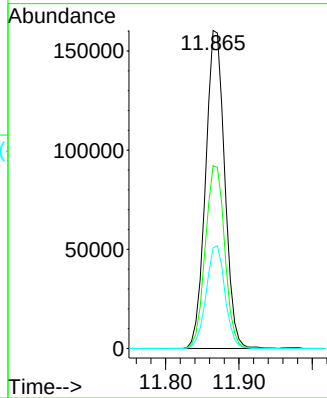
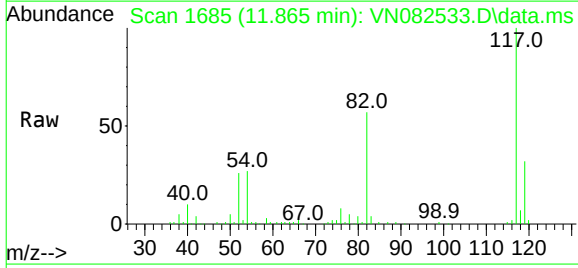
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-318-320

Tgt Ion:	117	Resp:	290672
Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.6	66.8
119	31.6	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

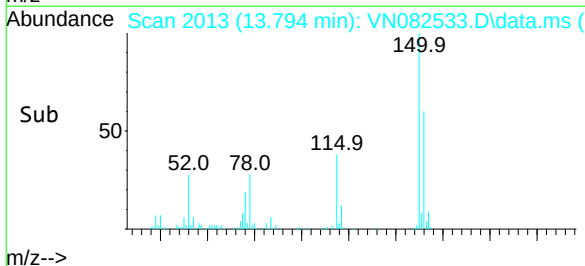
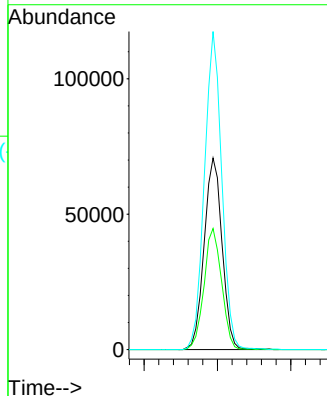
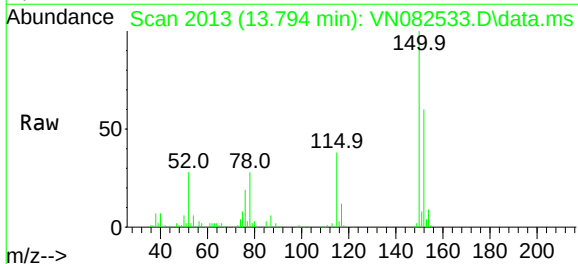
RT: 13.794 min Scan# 2013

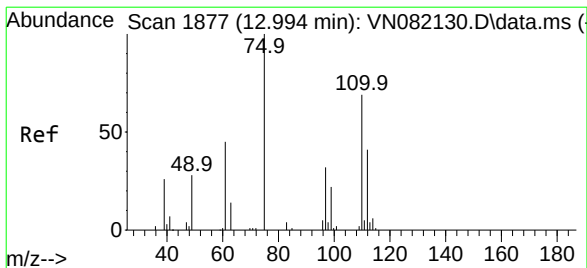
Delta R.T. 0.000 min

Lab File: VN082533.D

Acq: 12 Jun 2024 16:59

Tgt Ion:	152	Resp:	120324
Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.4	91.3
150	159.9	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 27.921 ug/l

RT: 12.853 min Scan# 18

Delta R.T. -0.141 min

Lab File: VN082533.D

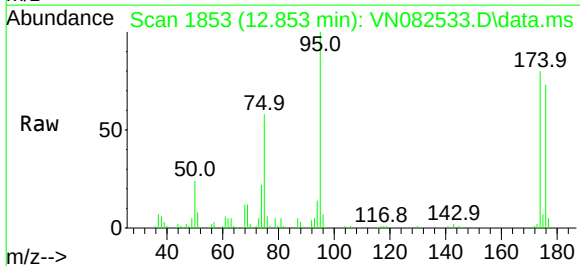
Acq: 12 Jun 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-318-320

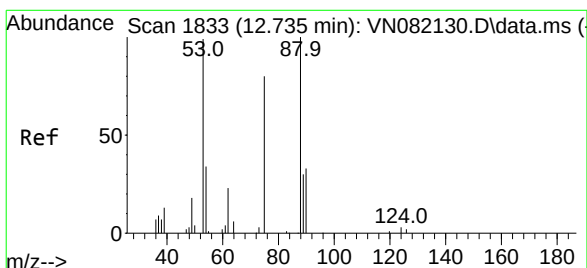
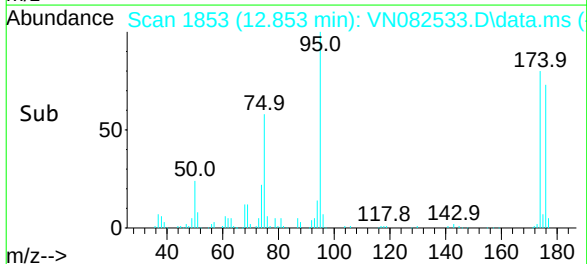
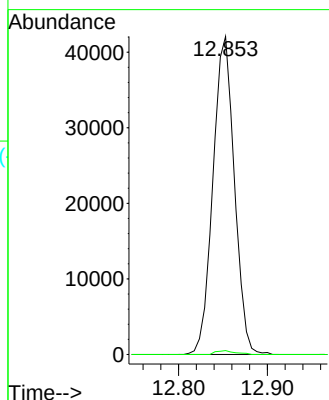


Tgt Ion: 75 Resp: 70710

Ion Ratio Lower Upper

75 100

77 1.1 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.305 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082533.D

Acq: 12 Jun 2024 16:59

Tgt Ion: 75 Resp: 70710

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

