

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082532.D
 Acq On : 12 Jun 2024 16:35
 Operator : JC\MD
 Sample : P2839-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-298-300

Quant Time: Jun 12 17:00:50 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)

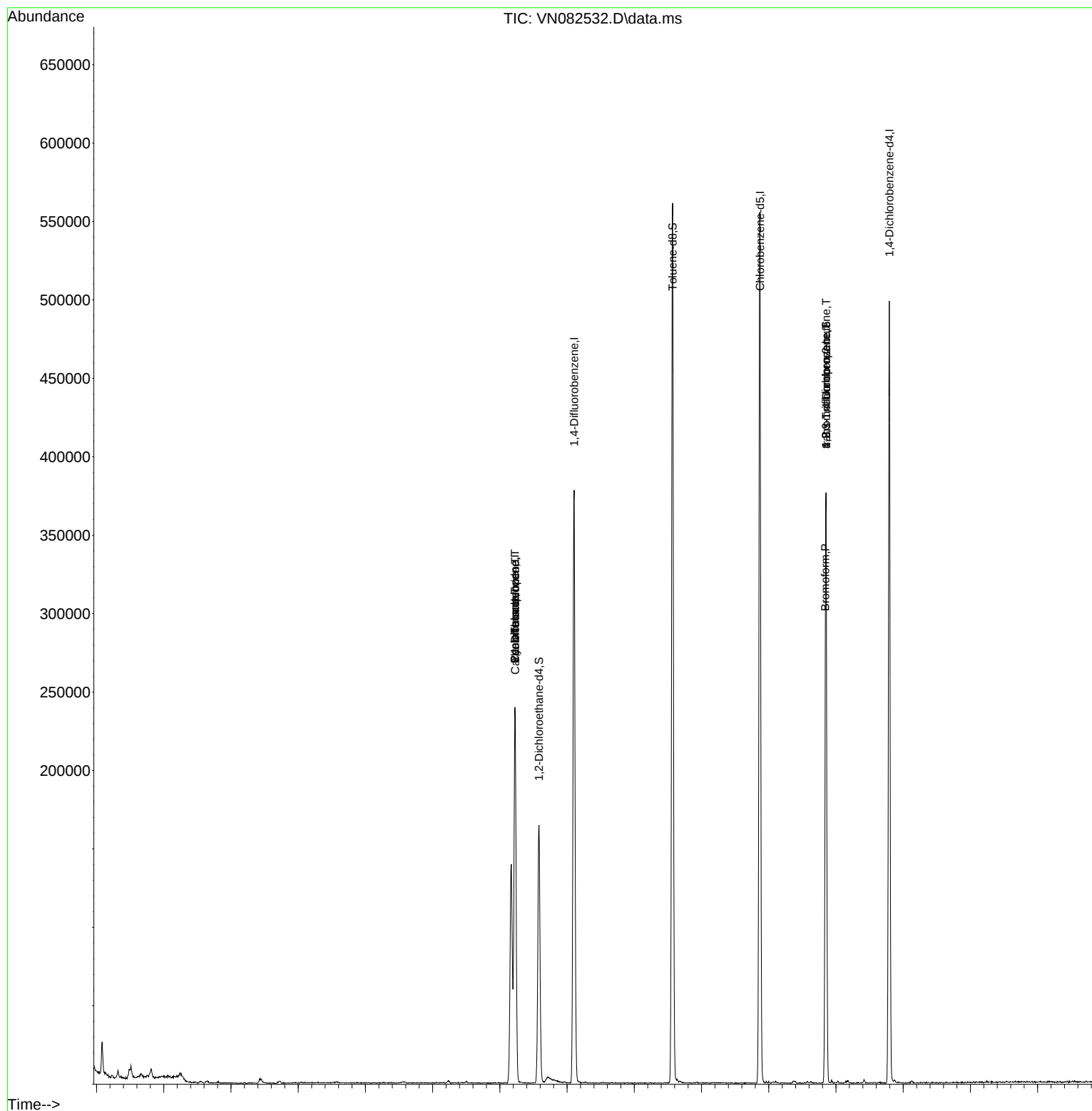
Internal Standards						
1) Pentafluorobenzene	8.224	168	165031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	297828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135485	51.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	8.171	113	98364	52.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.571	98	365924	50.616	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.853	95	121270	46.998	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.000%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1056	0.392	ug/l	90
5) Bromomethane	2.989	94	446	0.306	ug/l #	75
11) Tert butyl alcohol	5.524	59	258	0.617	ug/l #	71
16) Acetone	4.424	43	3061	2.863	ug/l #	82
17) Carbon Disulfide	4.706	76	1719	0.295	ug/l #	74
24) 1,1-Dichloroethane	6.565	63	1995	0.480	ug/l #	81
25) 2-Butanone	7.506	43	1364	0.842	ug/l #	43
31) Cyclohexane	8.224	56	4938	1.186	ug/l #	53
36) 1,1-Dichloropropene	8.224	75	14540	4.598	ug/l #	48
37) Ethyl Acetate	7.506	43	1364	0.385	ug/l #	68
38) Carbon Tetrachloride	8.230	117	17367	5.417	ug/l #	16
43) Isopropyl Acetate	8.718	43	3790	0.604	ug/l #	52
49) 1,4-Dioxane	9.694	88	62	1.481	ug/l #	5
71) Bromoform	12.841	173	490	0.981	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	70539	26.957	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70539	63.051	ug/l #	12

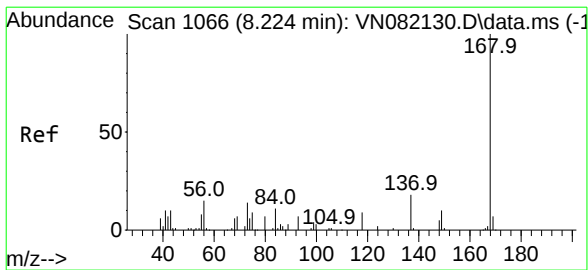
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN082532.D

Acq: 12 Jun 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

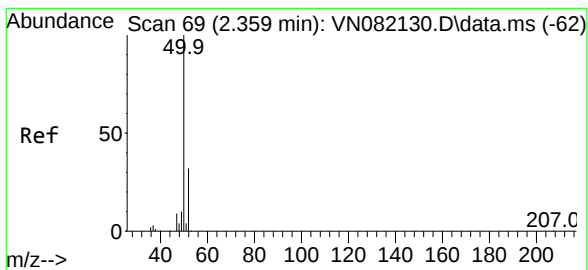
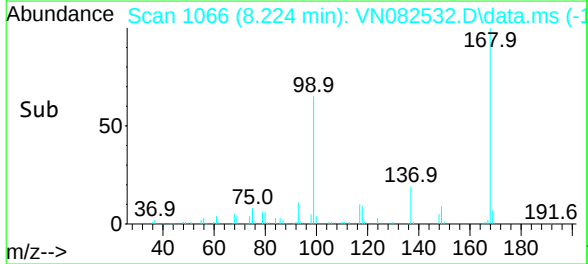
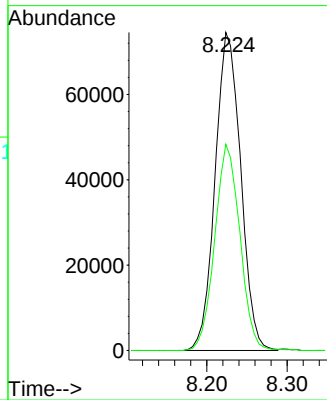
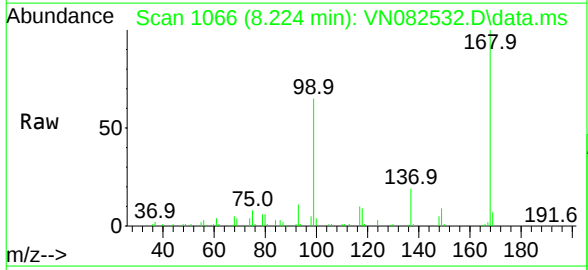
BP-VPB-189-GW-298-300

Tgt Ion:168 Resp: 165031

Ion Ratio Lower Upper

168 100

99 64.8 48.2 72.4



#3

Chloromethane

Concen: 0.392 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082532.D

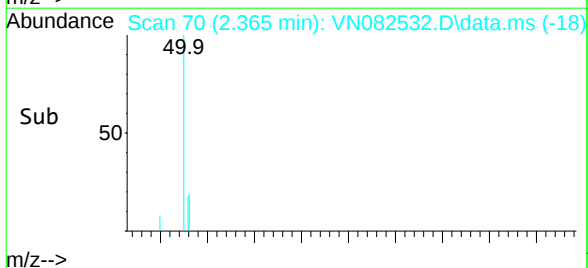
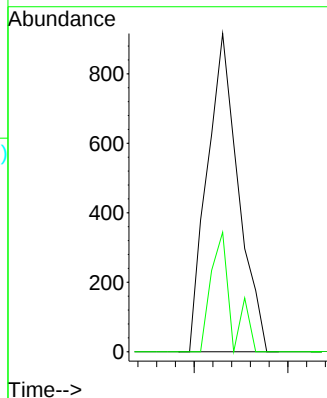
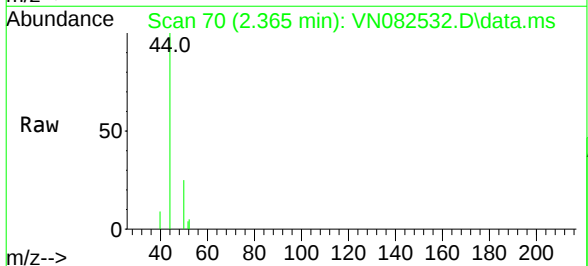
Acq: 12 Jun 2024 16:35

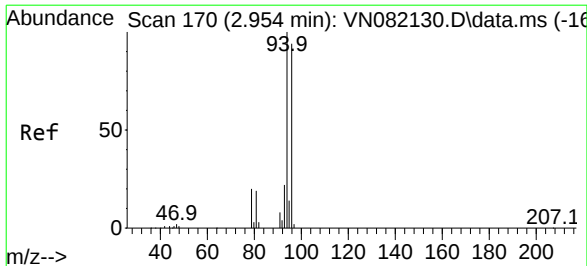
Tgt Ion: 50 Resp: 1056

Ion Ratio Lower Upper

50 100

52 37.6 25.5 38.3

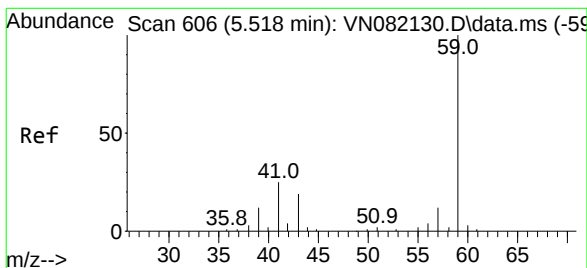
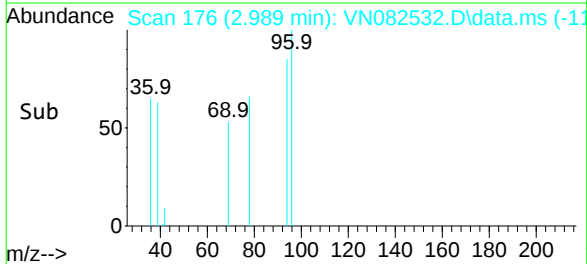
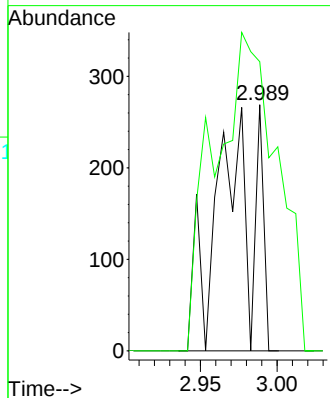
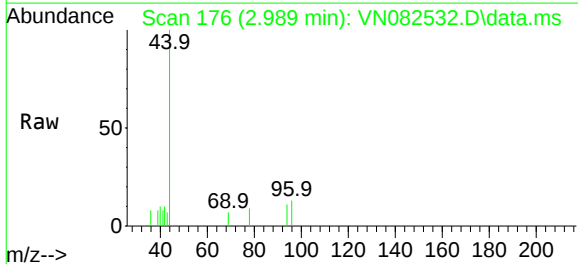




#5
Bromomethane
Concen: 0.306 ug/l
RT: 2.989 min Scan# 171
Delta R.T. 0.035 min
Lab File: VN082532.D
Acq: 12 Jun 2024 16:35

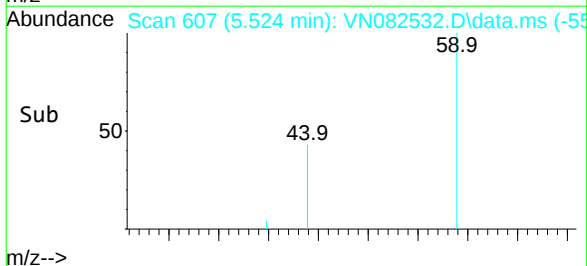
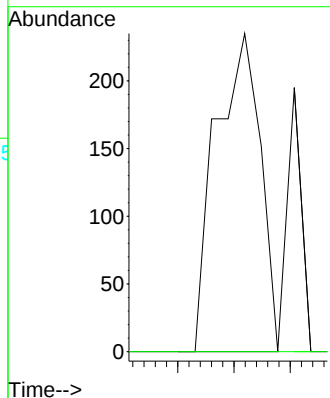
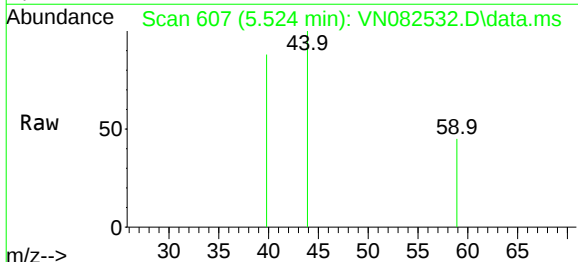
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-298-300

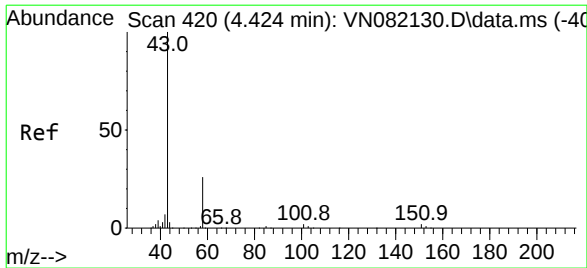
Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 117.5 74.8 112.2#



#11
Tert butyl alcohol
Concen: 0.617 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082532.D
Acq: 12 Jun 2024 16:35

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#





#16

Acetone

Concen: 2.863 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN082532.D

Acq: 12 Jun 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

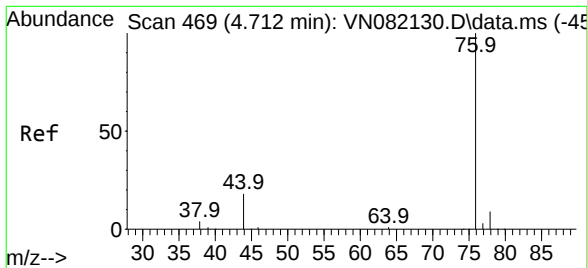
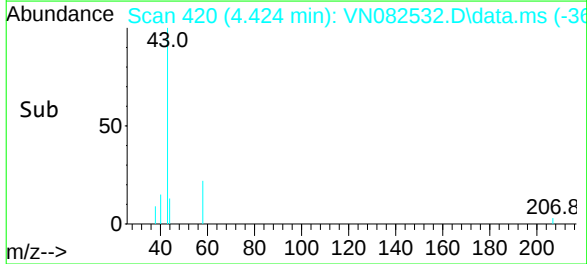
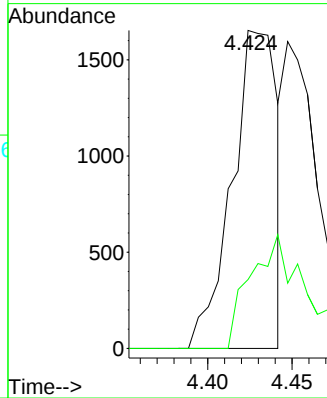
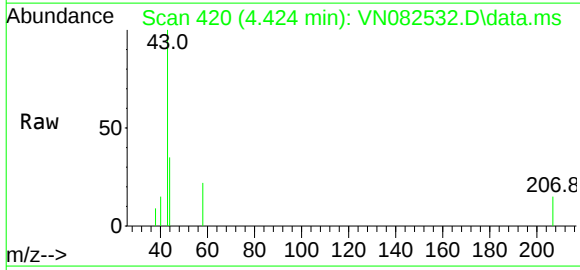
BP-VPB-189-GW-298-300

Tgt Ion: 43 Resp: 3061

Ion Ratio Lower Upper

43 100

58 21.7 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.295 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN082532.D

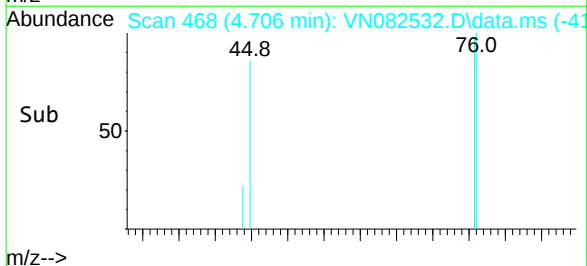
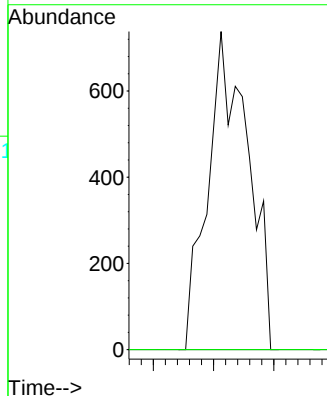
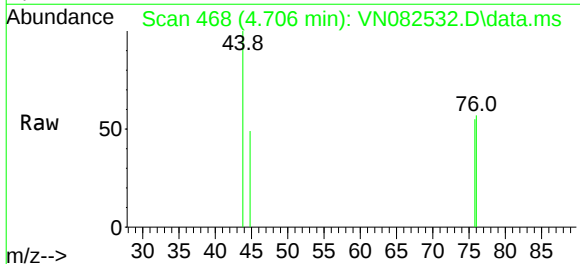
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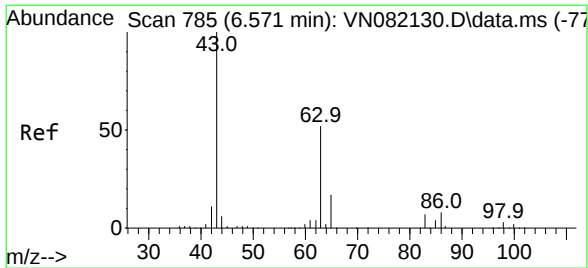
Tgt Ion: 76 Resp: 1719

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

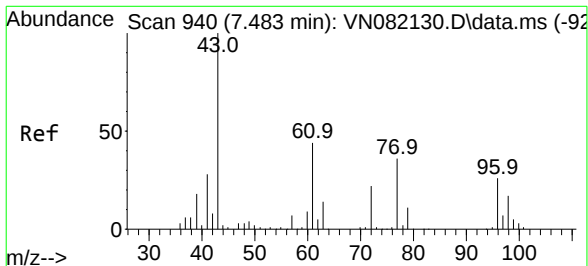
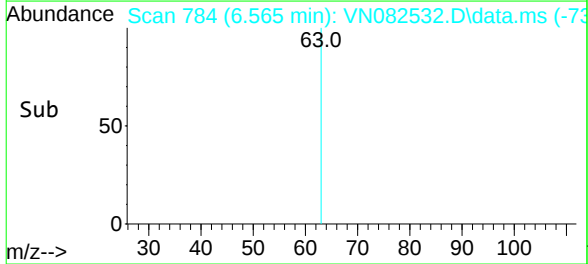
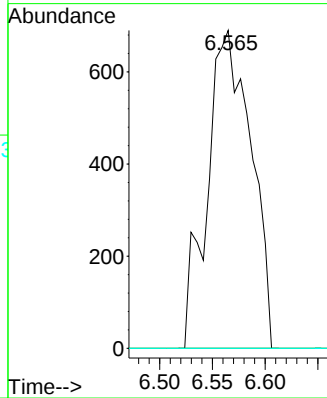
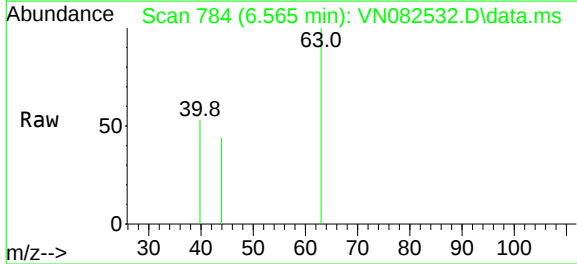




#24
1,1-Dichloroethane
Concen: 0.480 ug/l
RT: 6.565 min Scan# 78
Delta R.T. -0.006 min
Lab File: VN082532.D
Acq: 12 Jun 2024 16:35

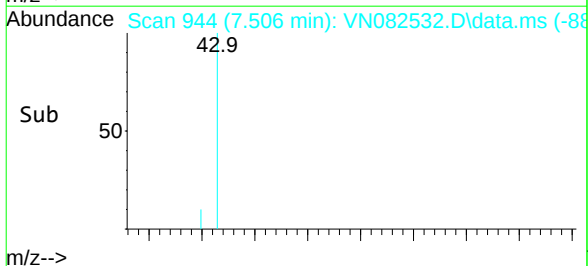
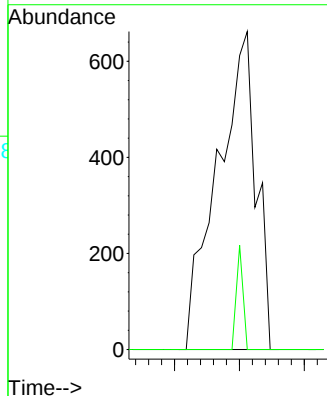
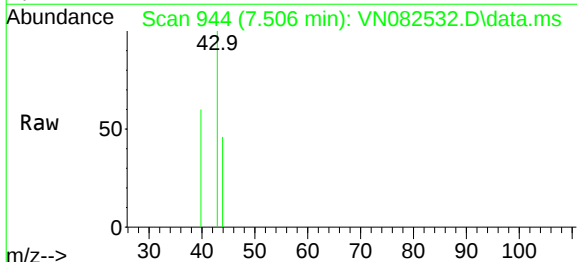
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-298-300

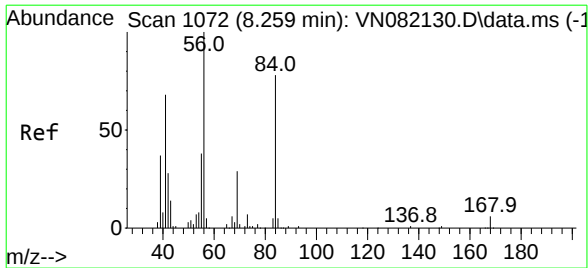
Tgt Ion:	63	Resp:	1995
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.9#
100	0.0	2.6	7.8#



#25
2-Butanone
Concen: 0.842 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.023 min
Lab File: VN082532.D
Acq: 12 Jun 2024 16:35

Tgt Ion:	43	Resp:	1364
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#





#31

Cyclohexane

Concen: 1.186 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082532.D

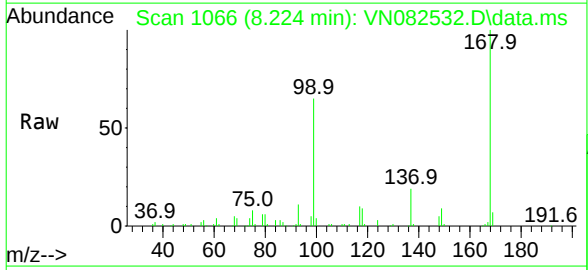
Acq: 12 Jun 2024 16:35

Instrument :

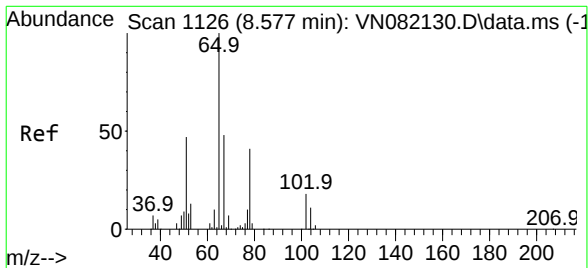
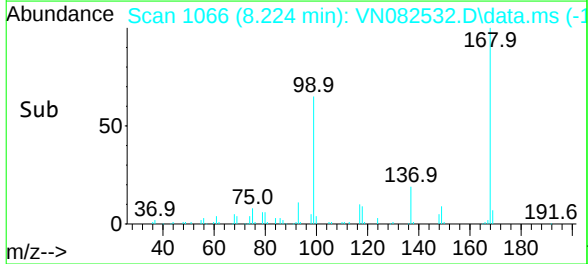
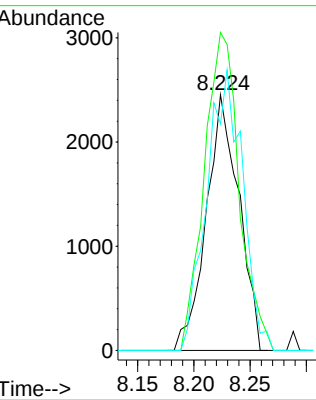
MSVOA_N

ClientSampleId :

BP-VPB-189-GW-298-300



Tgt Ion	Ratio	Lower	Upper
56	100		
69	124.4	24.4	36.6#
84	88.5	77.0	115.4



#33

1,2-Dichloroethane-d4

Concen: 51.992 ug/l

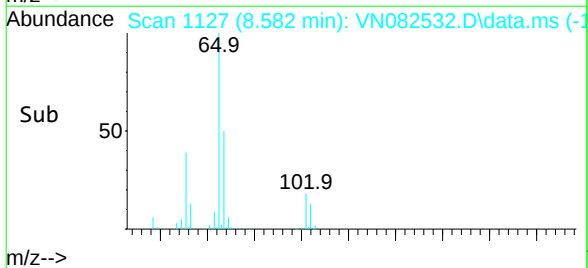
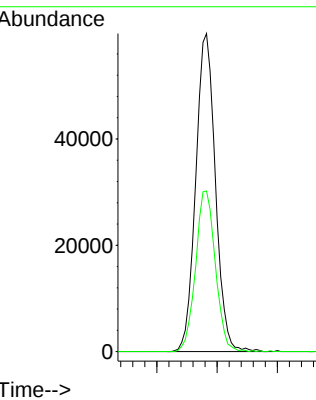
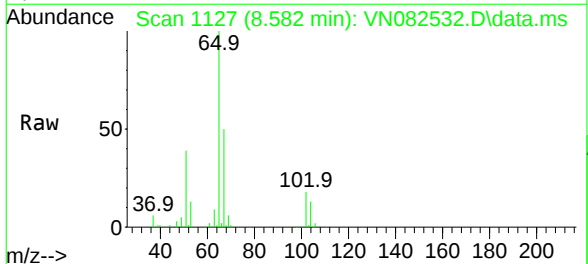
RT: 8.582 min Scan# 1127

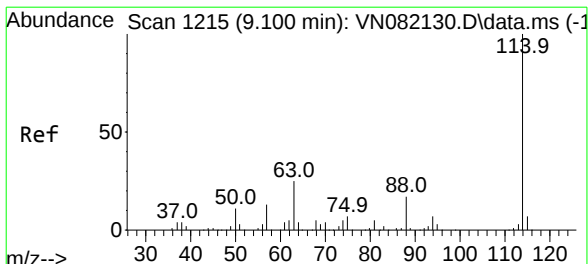
Delta R.T. 0.006 min

Lab File: VN082532.D

Acq: 12 Jun 2024 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0

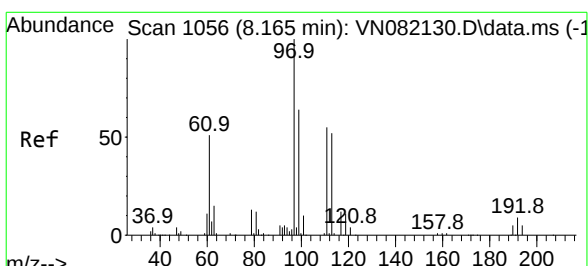
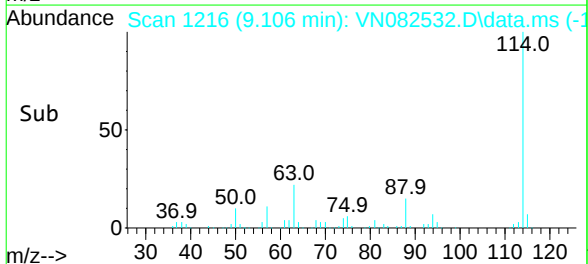
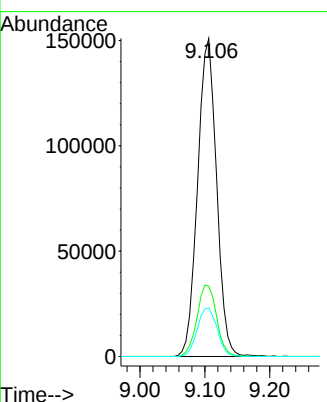
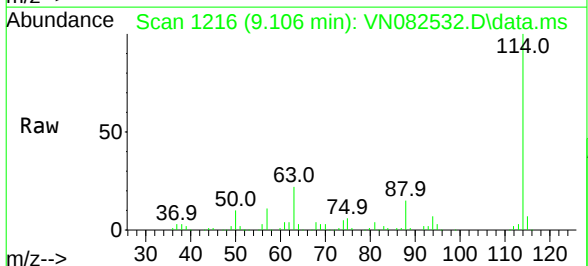




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN082532.D
 Acq: 12 Jun 2024 16:35

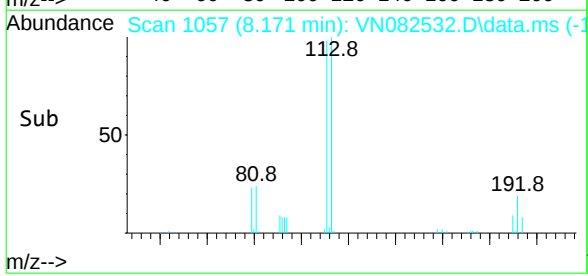
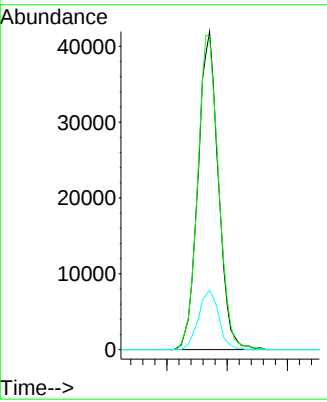
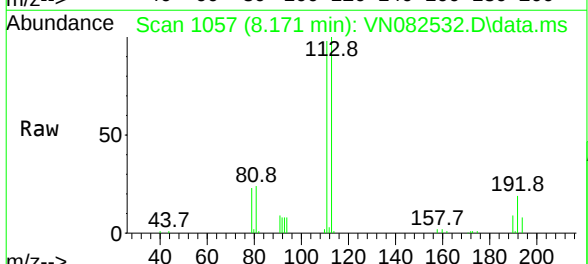
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-189-GW-298-300

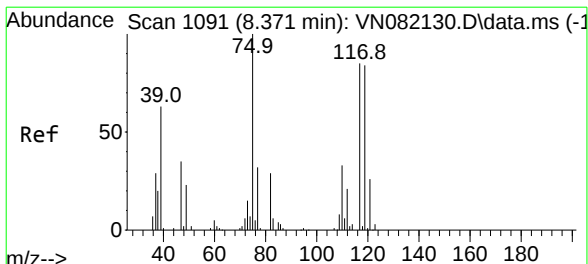
Tgt Ion:	114	Resp:	306530
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	41.0
88	15.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 52.165 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082532.D
 Acq: 12 Jun 2024 16:35

Tgt Ion:	113	Resp:	98364
Ion Ratio	Lower	Upper	
113	100		
111	101.6	83.4	125.2
192	18.6	14.0	21.0

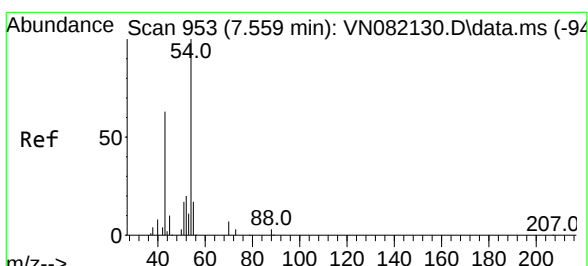
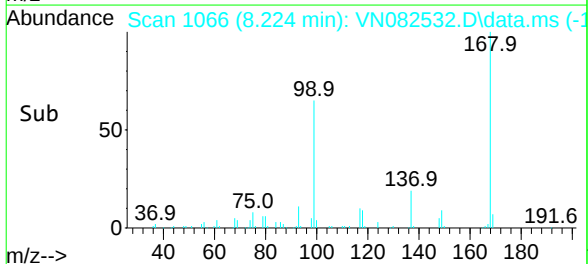
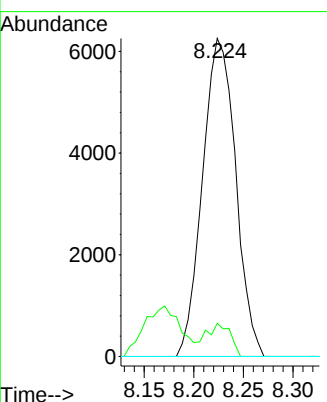
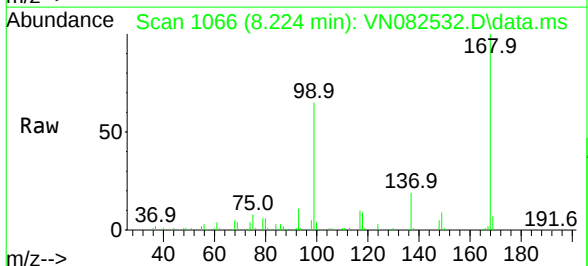




#36
 1,1-Dichloropropene
 Concen: 4.598 ug/l
 RT: 8.224 min Scan# 10
 Delta R.T. -0.147 min
 Lab File: VN082532.D
 Acq: 12 Jun 2024 16:35

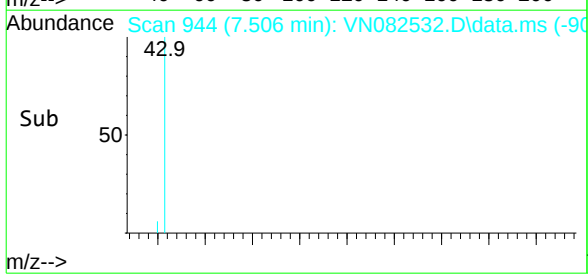
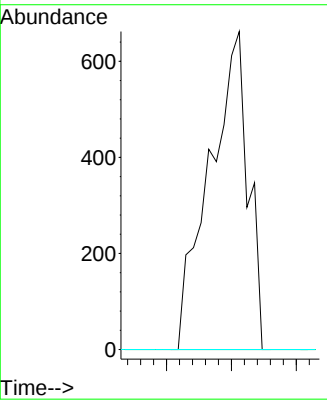
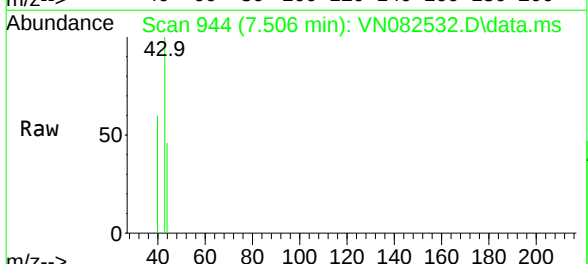
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-189-GW-298-300

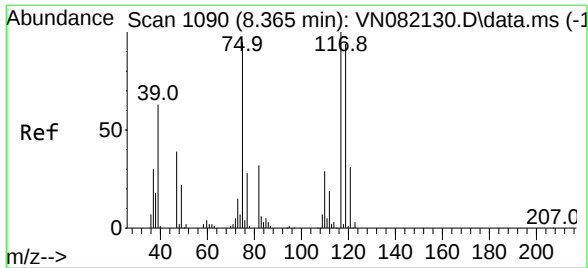
Tgt Ion:	75	Resp:	14540
Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.8	53.5#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 0.385 ug/l
 RT: 7.506 min Scan# 944
 Delta R.T. -0.053 min
 Lab File: VN082532.D
 Acq: 12 Jun 2024 16:35

Tgt Ion:	43	Resp:	1364
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.0	8.7	13.1#

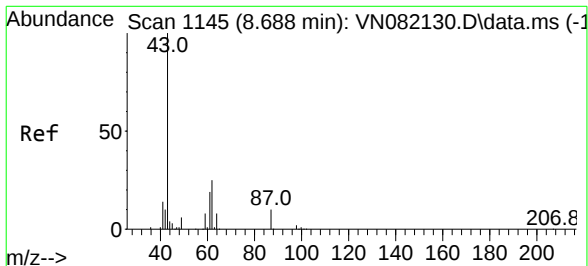
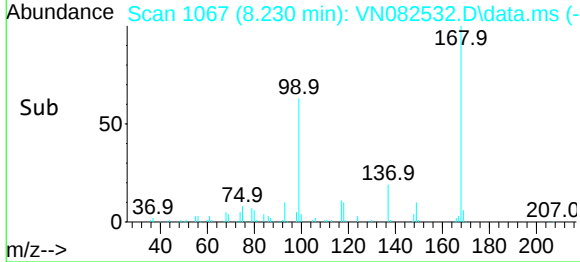
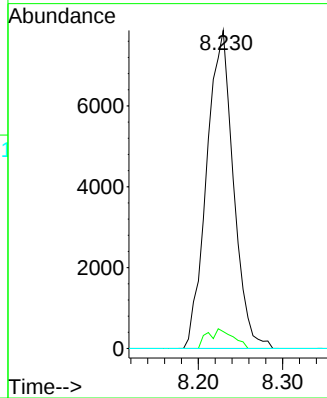
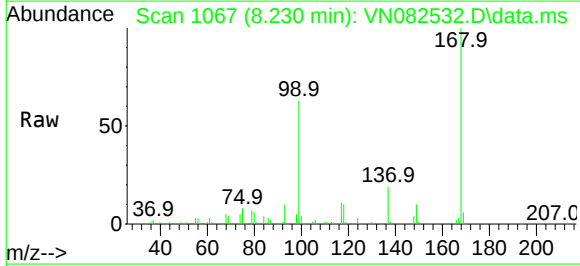




#38
Carbon Tetrachloride
Concen: 5.417 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.135 min
Lab File: VN082532.D
Acq: 12 Jun 2024 16:35

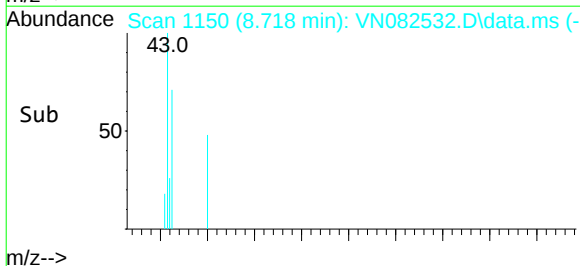
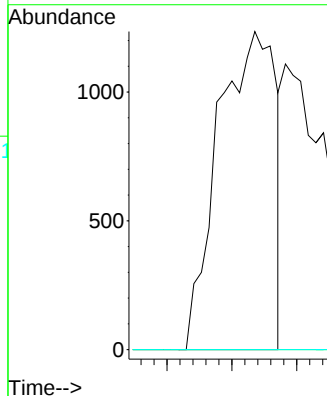
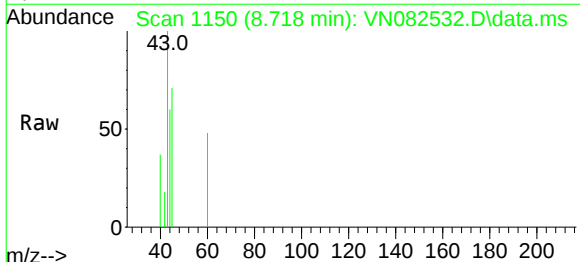
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-298-300

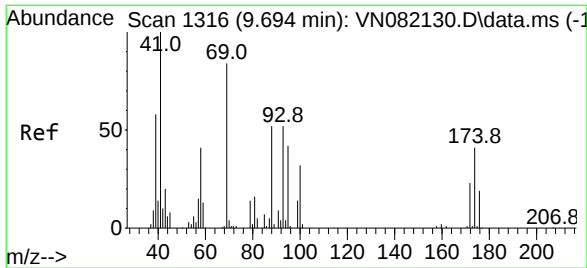
Tgt Ion: 117 Resp: 17367
Ion Ratio Lower Upper
117 100
119 5.3 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.604 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.029 min
Lab File: VN082532.D
Acq: 12 Jun 2024 16:35

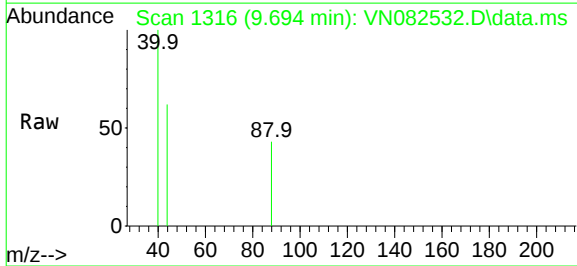
Tgt Ion: 43 Resp: 3790
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



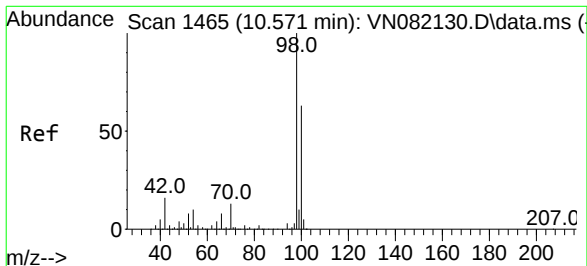
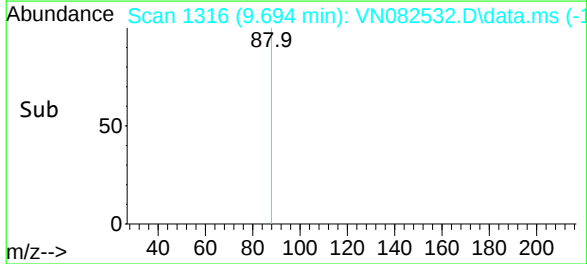
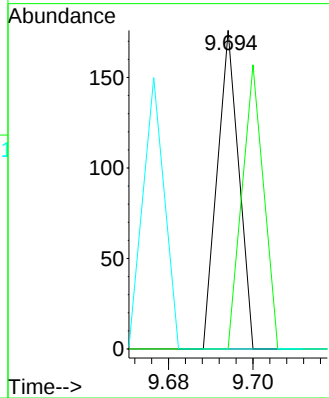


#49
1,4-Dioxane
Concen: 1.481 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082532.D
Acq: 12 Jun 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-298-300

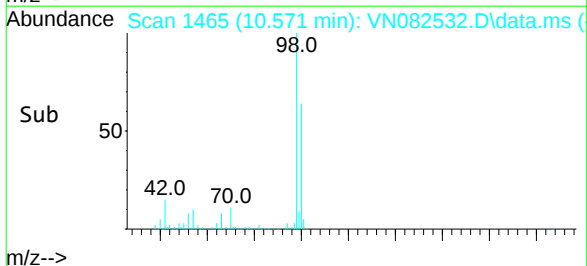
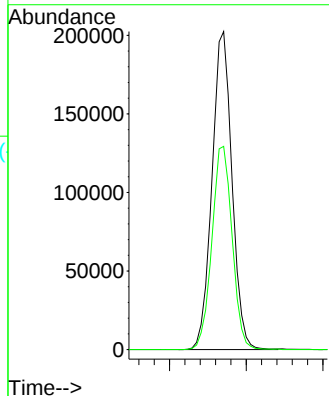
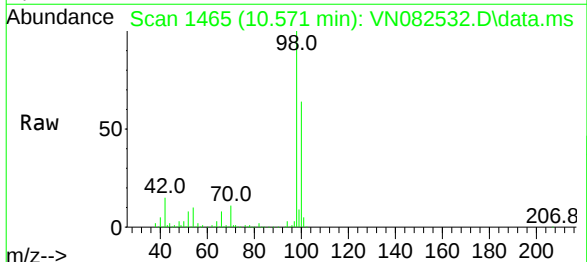


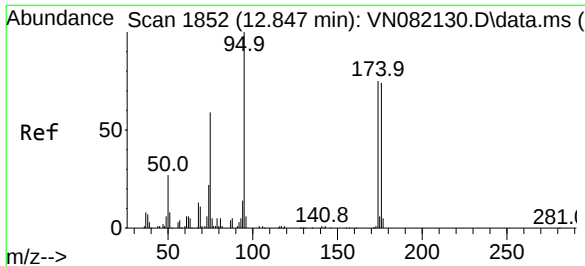
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 88.7 19.0 28.6#
58 0.0 50.6 76.0#



#50
Toluene-d8
Concen: 50.616 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082532.D
Acq: 12 Jun 2024 16:35

Tgt Ion: 98 Resp: 365924
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#62

4-Bromofluorobenzene

Concen: 46.998 ug/l

RT: 12.853 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN082532.D

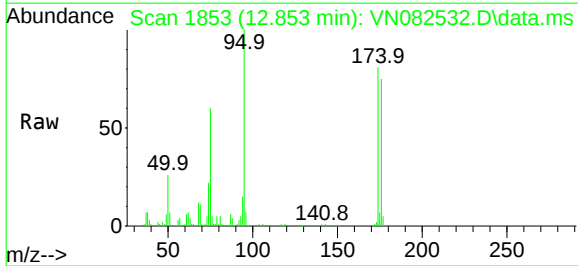
Acq: 12 Jun 2024 16:35

Instrument :

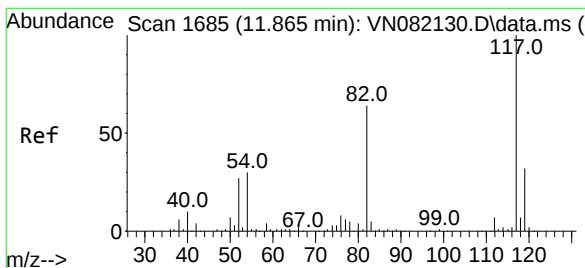
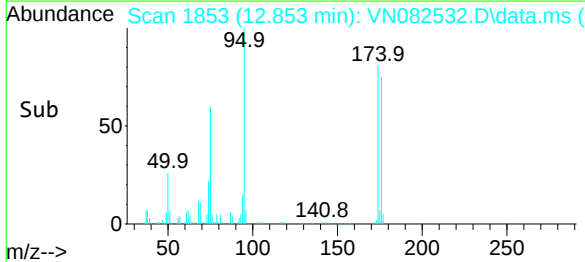
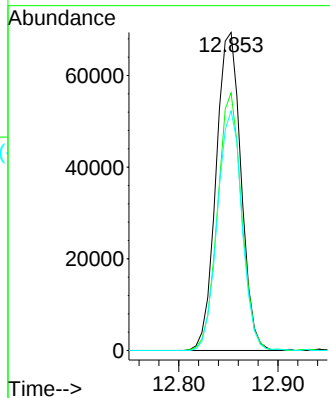
MSVOA_N

ClientSampleId :

BP-VPB-189-GW-298-300



Tgt Ion:	95	Resp:	121270
Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	160.6
176	74.3	0.0	152.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

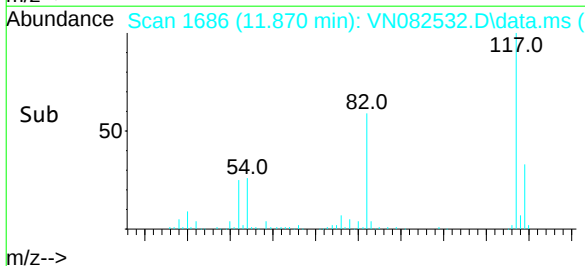
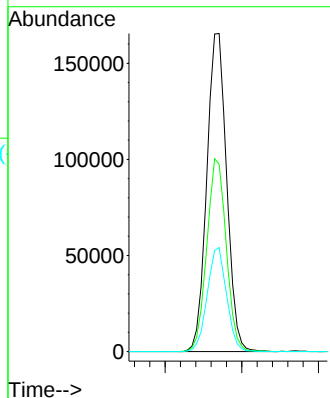
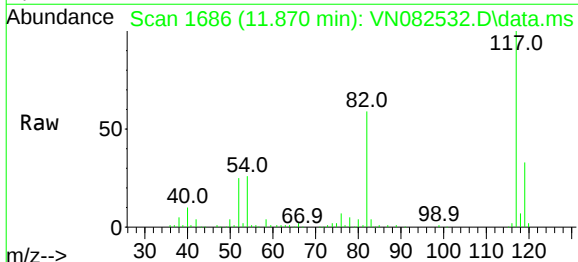
RT: 11.870 min Scan# 1686

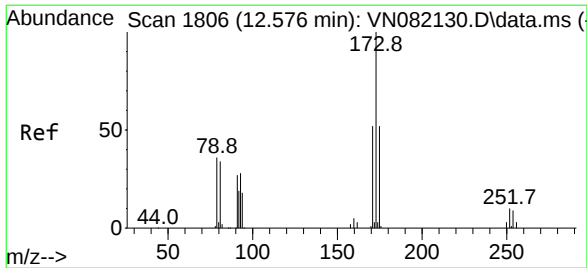
Delta R.T. 0.006 min

Lab File: VN082532.D

Acq: 12 Jun 2024 16:35

Tgt Ion:	117	Resp:	297828
Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.6	66.8
119	32.7	25.9	38.9





#71

Bromoform

Concen: 0.981 ug/l

RT: 12.841 min Scan# 18

Delta R.T. 0.265 min

Lab File: VN082532.D

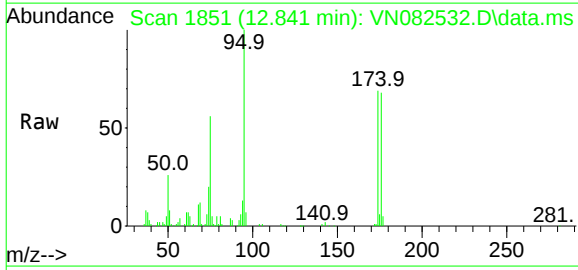
Acq: 12 Jun 2024 16:35

Instrument :

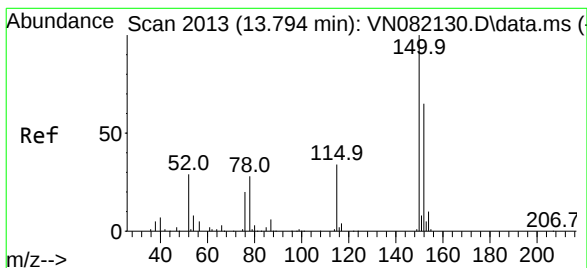
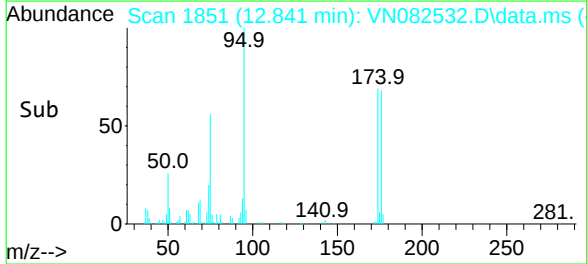
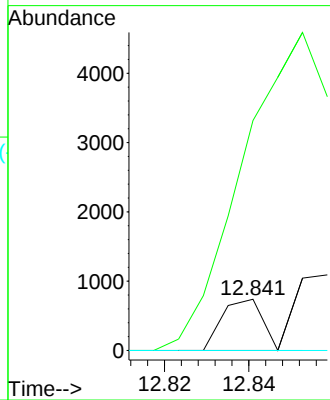
MSVOA_N

ClientSampleId :

BP-VPB-189-GW-298-300



Tgt Ion:	173	Resp:	490
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

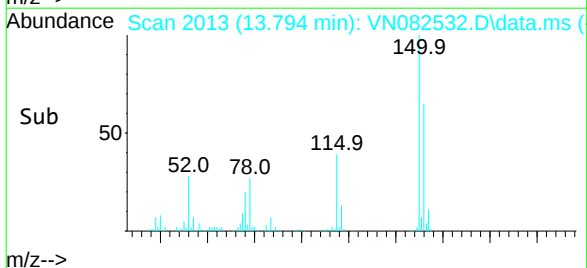
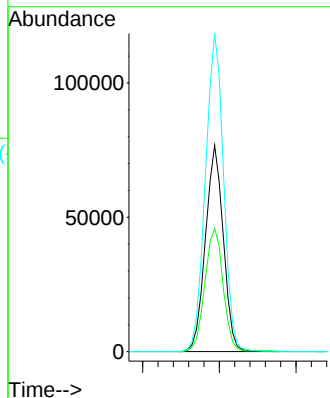
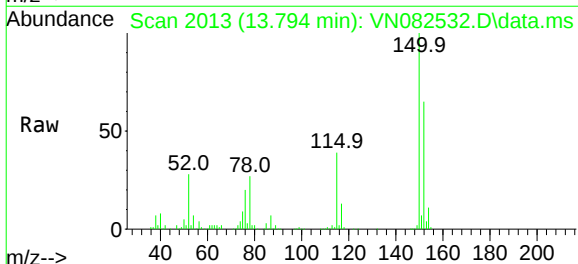
RT: 13.794 min Scan# 2013

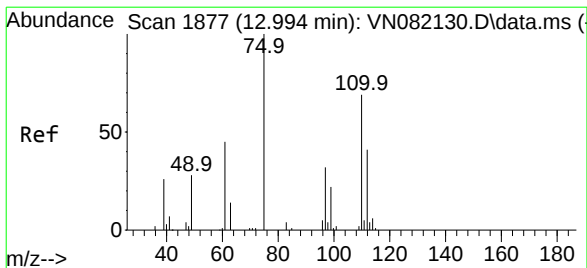
Delta R.T. -0.000 min

Lab File: VN082532.D

Acq: 12 Jun 2024 16:35

Tgt Ion:	152	Resp:	124325
Ion Ratio	Lower	Upper	
152	100		
115	61.0	30.4	91.3
150	156.7	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 26.957 ug/l

RT: 12.853 min Scan# 18

Delta R.T. -0.141 min

Lab File: VN082532.D

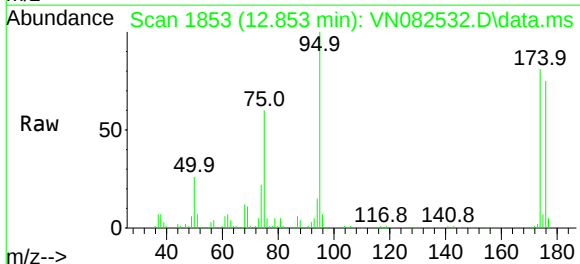
Acq: 12 Jun 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-298-300

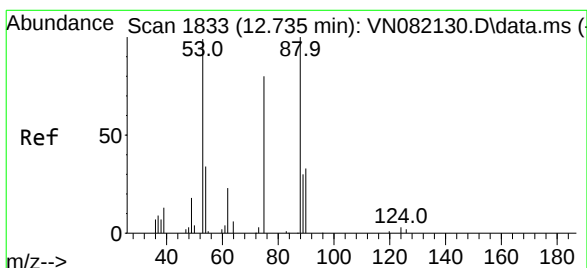
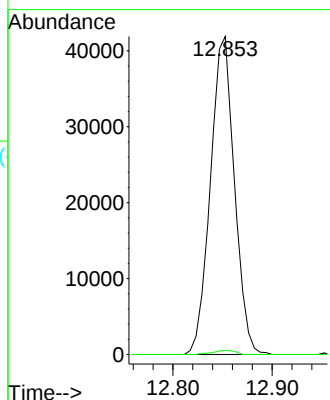
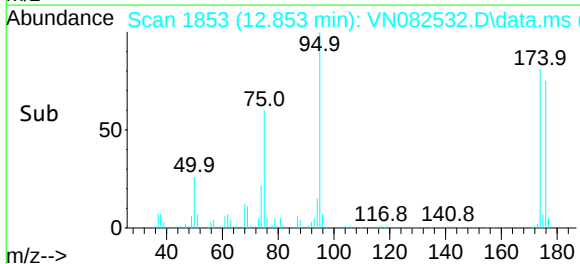


Tgt Ion: 75 Resp: 70539

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.051 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082532.D

Acq: 12 Jun 2024 16:35

Tgt Ion: 75 Resp: 70539

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

