

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074512.D
 Acq On : 16 Sep 2022 15:58
 Operator : JC\MD
 Sample : N4626-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-298-300RE

Quant Time: Sep 16 16:37:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

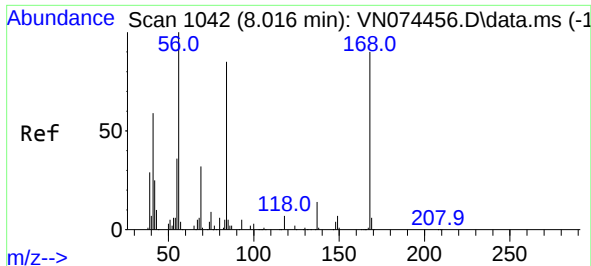
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	323848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	635151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	640389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	278268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	265759	48.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.740%		
35) Dibromofluoromethane	7.951	113	213892	50.695	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.380%		
50) Toluene-d8	10.380	98	771197	47.263	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.520%		
62) 4-Bromofluorobenzene	12.674	95	304200	54.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.860%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	3875	0.909	ug/l #	66
5) Bromomethane	2.804	94	948	0.283	ug/l #	52
6) Chloroethane	2.687	64	24142	5.571	ug/l #	53
12) 1,1-Dichloroethene	4.104	96	158	0.721	ug/l #	1
13) Acrolein	3.975	56	207	0.317	ug/l #	16
16) Acetone	4.234	43	24379	6.933	ug/l #	81
17) Carbon Disulfide	4.457	76	4732	0.405	ug/l #	75
18) Methyl Acetate	4.798	43	5142	0.471	ug/l #	86
21) trans-1,2-Dichloroethene	5.492	96	256	0.483	ug/l #	1
22) Diisopropyl ether	6.398	45	4392	0.215	ug/l #	70
25) 2-Butanone	7.263	43	7744	1.327	ug/l	96
31) Cyclohexane	8.016	56	9734	0.998	ug/l #	11
36) 1,1-Dichloropropene	8.016	75	33499	4.486	ug/l #	49
38) Carbon Tetrachloride	8.010	117	34223	4.963	ug/l #	17
49) 1,4-Dioxane	9.504	88	349	2.266	ug/l #	1
59) 2-Hexanone	11.033	43	2053	0.228	ug/l #	47
76) 1,2,3-Trichloropropane	12.674	75	184657	21.559	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	184657	46.531	ug/l #	10
95) Naphthalene	15.439	128	636	1.615	ug/l #	69

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

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QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

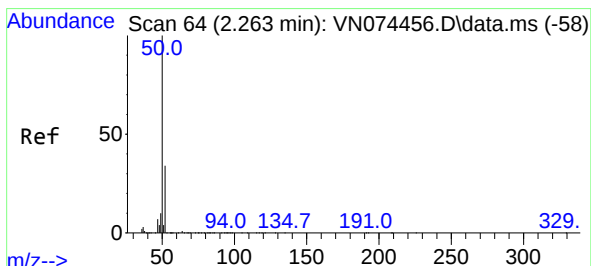
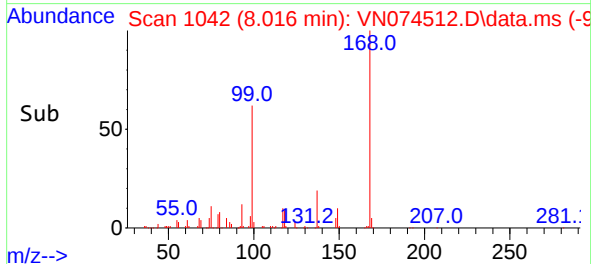
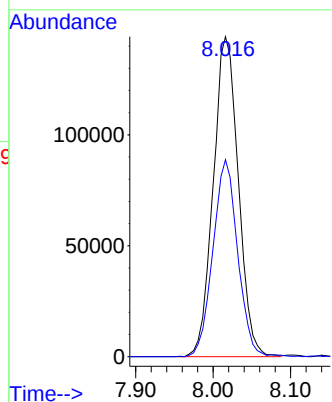
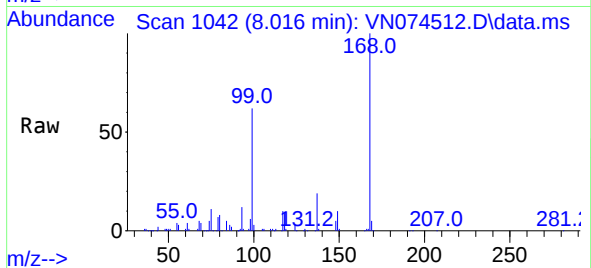




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

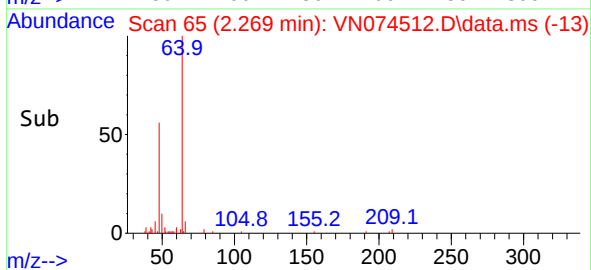
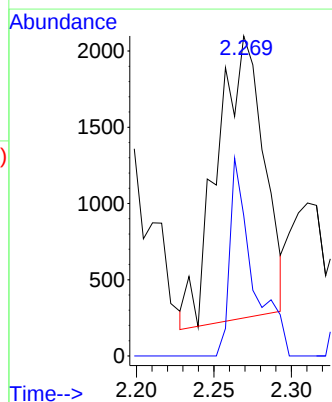
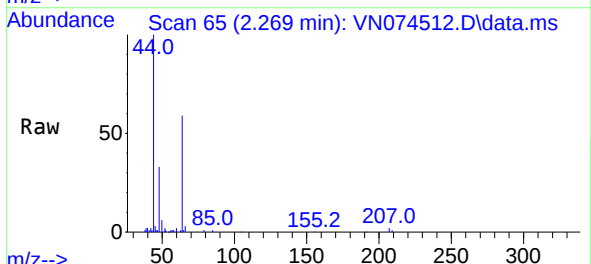
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-298-300RE

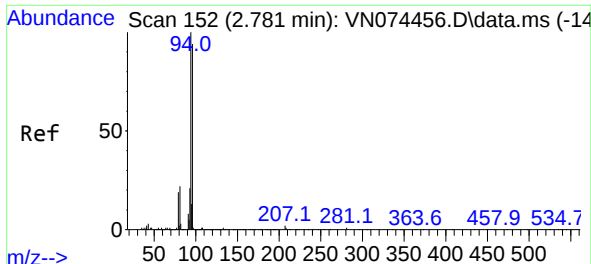
Tgt Ion:168 Resp: 323848
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#3
Chloromethane
Concen: 0.909 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 50 Resp: 3875
Ion Ratio Lower Upper
50 100
52 51.0 25.7 38.5#

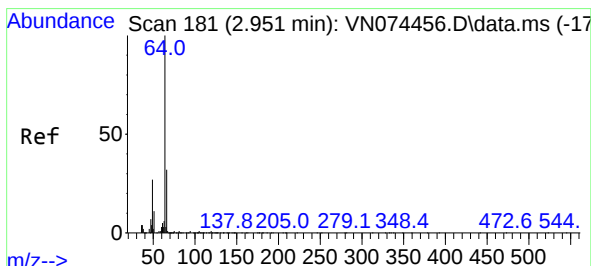
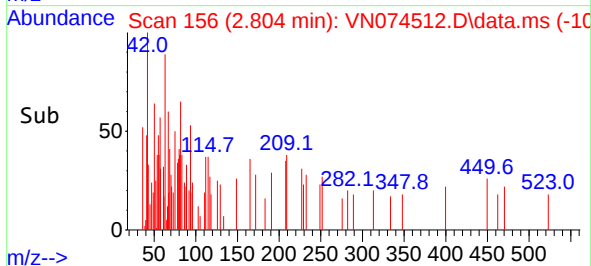
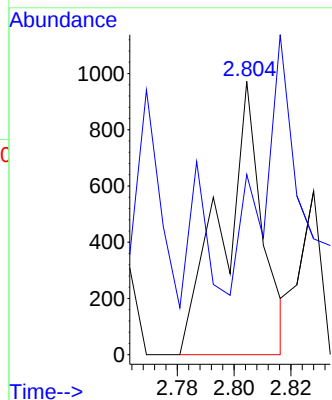
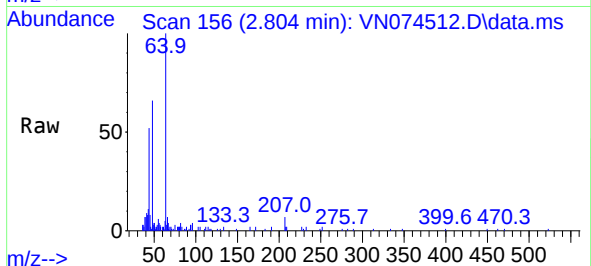




#5
Bromomethane
Concen: 0.283 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

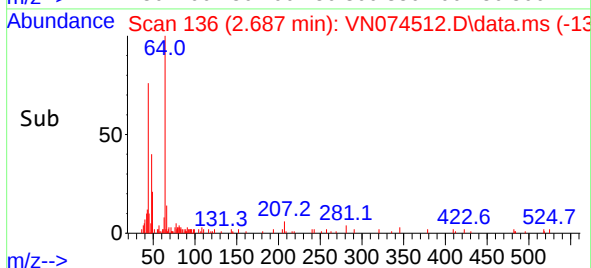
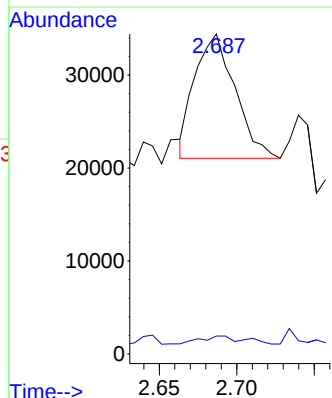
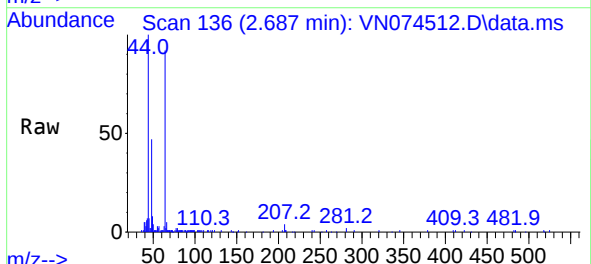
Instrument :
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BP-VPB-RW5-GW-298-300RE

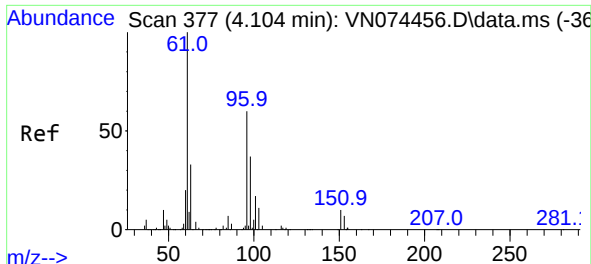
Tgt Ion: 94 Resp: 948
Ion Ratio Lower Upper
94 100
96 48.8 76.0 114.0#



#6
Chloroethane
Concen: 5.571 ug/l
RT: 2.687 min Scan# 136
Delta R.T. -0.264 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 64 Resp: 24142
Ion Ratio Lower Upper
64 100
66 6.5 26.2 39.4#

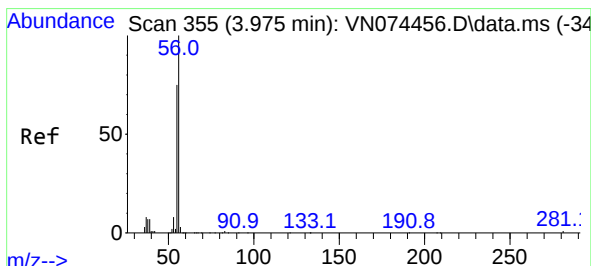
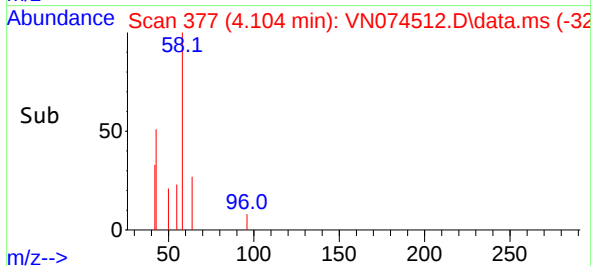
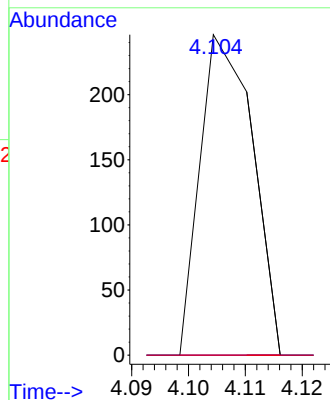
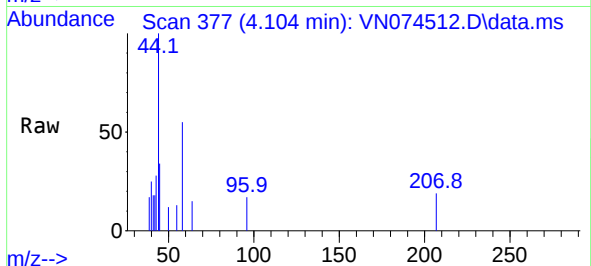




#12
1,1-Dichloroethene
Concen: 0.721 ug/l
RT: 4.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

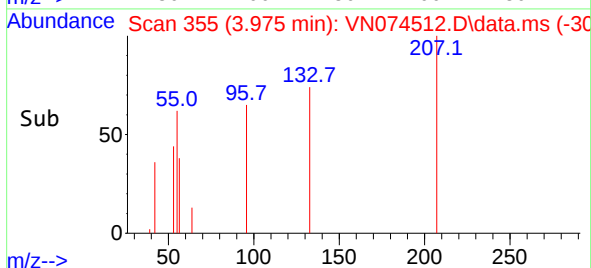
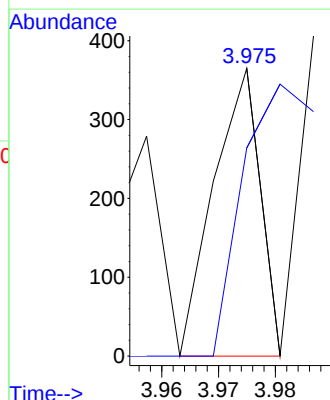
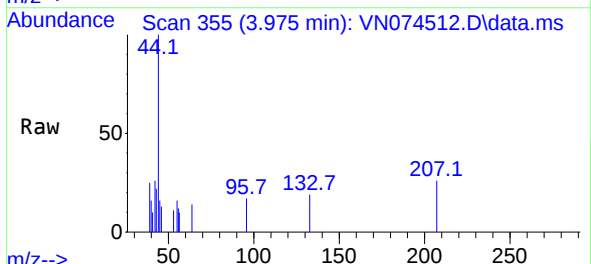
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-298-300RE

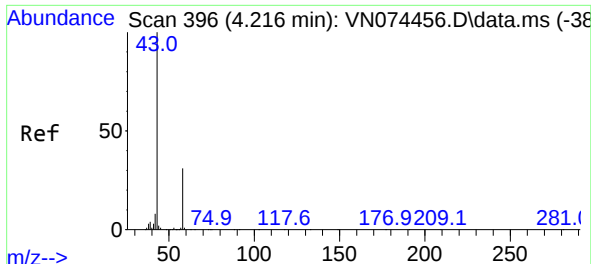
Tgt Ion: 96 Resp: 158
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.317 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 56 Resp: 207
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

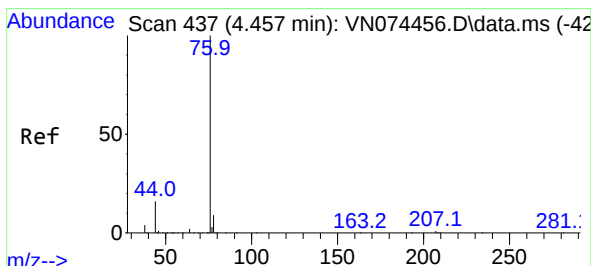
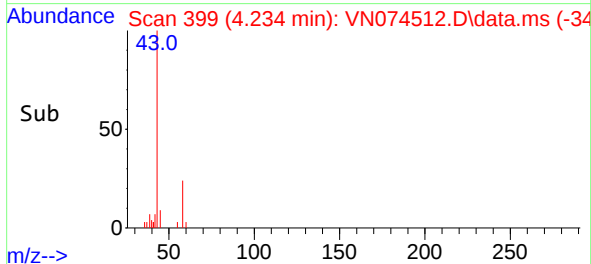
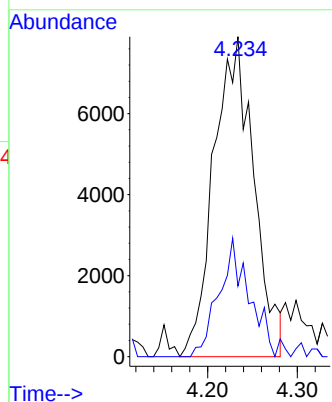
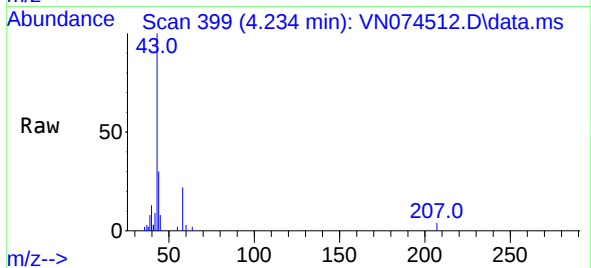




#16
Acetone
Concen: 6.933 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

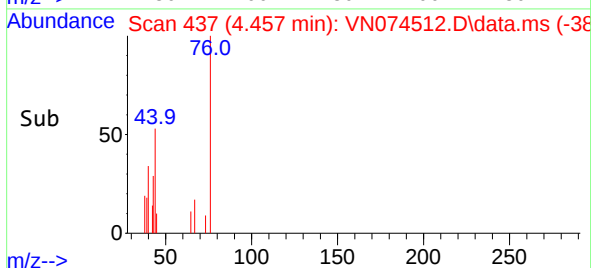
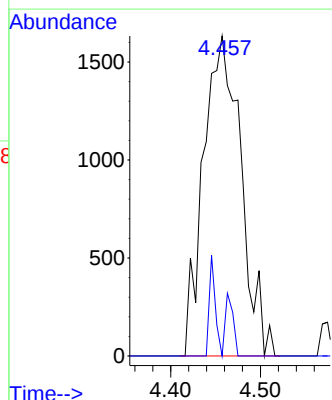
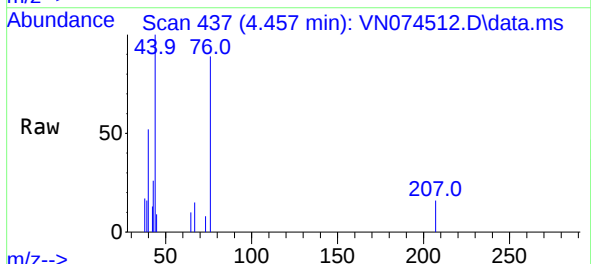
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-298-300RE

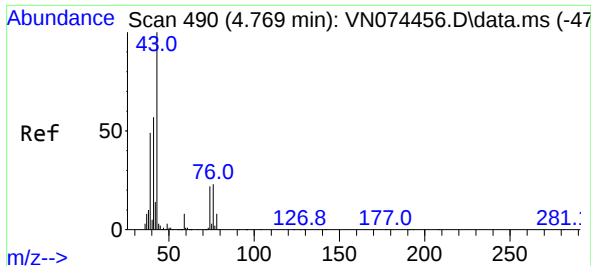
Tgt Ion: 43 Resp: 24379
Ion Ratio Lower Upper
43 100
58 22.1 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.405 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 76 Resp: 4732
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

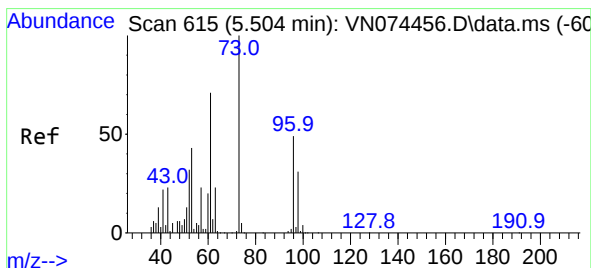
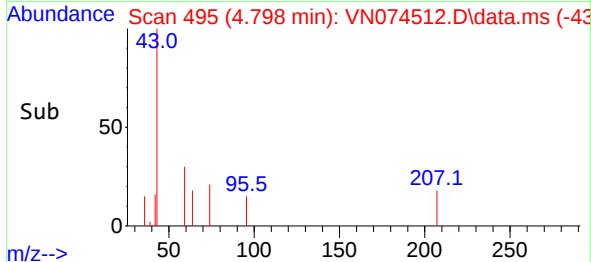
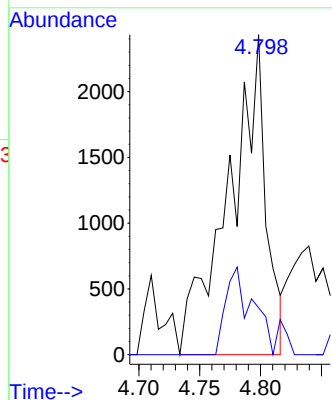
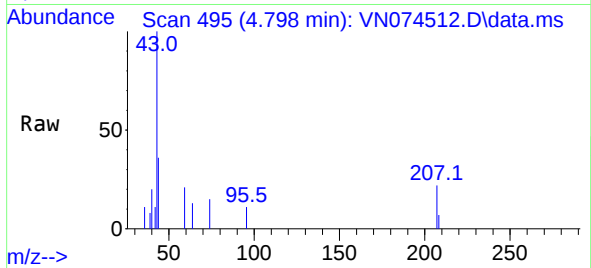




#18
Methyl Acetate
Concen: 0.471 ug/l
RT: 4.798 min Scan# 495
Delta R.T. 0.029 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

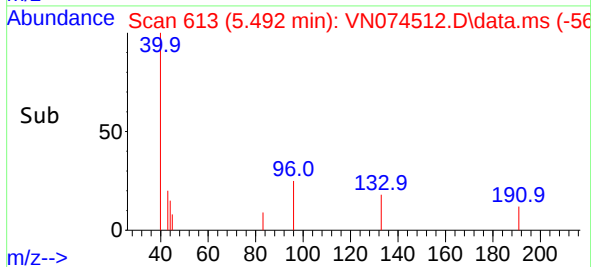
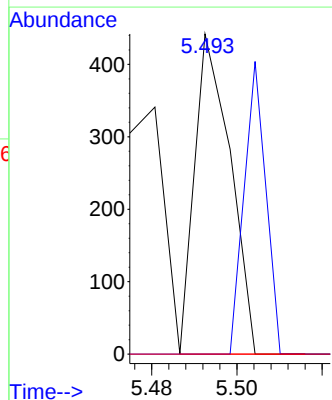
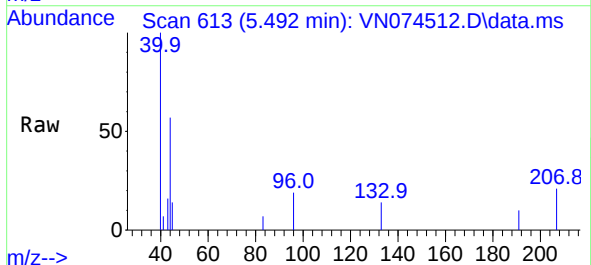
Instrument :
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ClientSampleId :
BP-VPB-RW5-GW-298-300RE

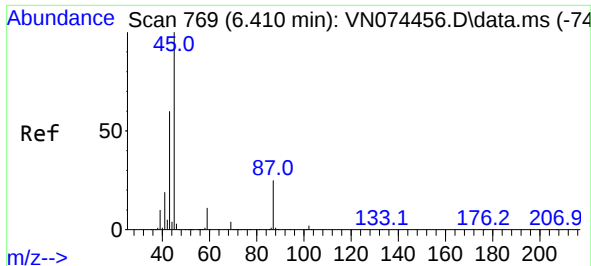
Tgt Ion: 43 Resp: 5142
Ion Ratio Lower Upper
43 100
74 19.8 21.6 32.4#



#21
trans-1,2-Dichloroethene
Concen: 0.483 ug/l
RT: 5.492 min Scan# 613
Delta R.T. -0.011 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 96 Resp: 256
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#

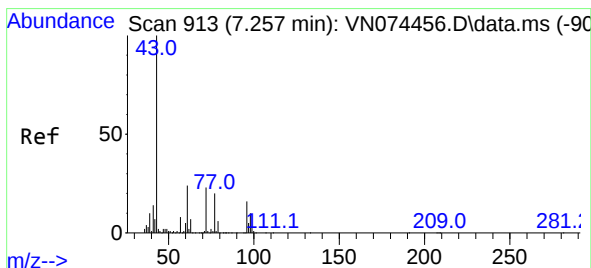
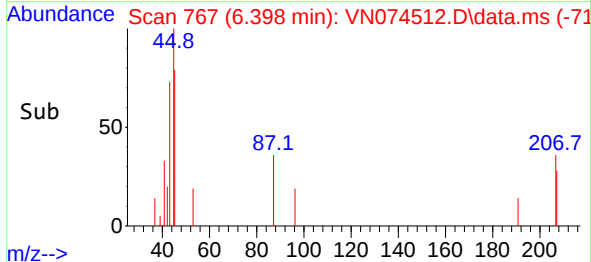
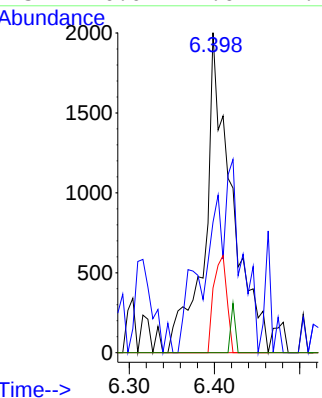
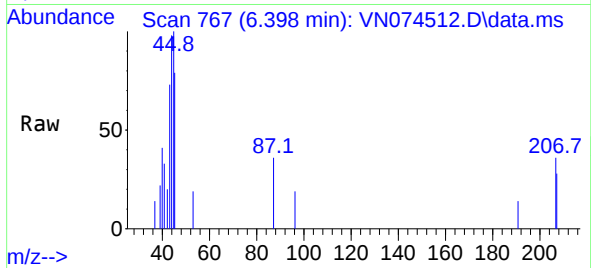




#22
Diisopropyl ether
Concen: 0.215 ug/l
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

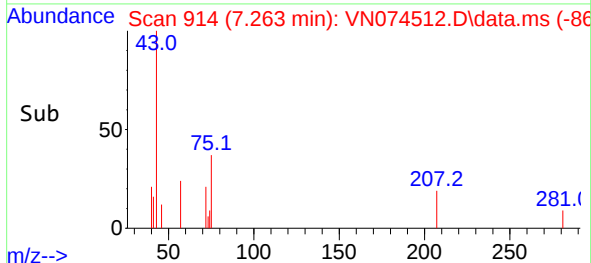
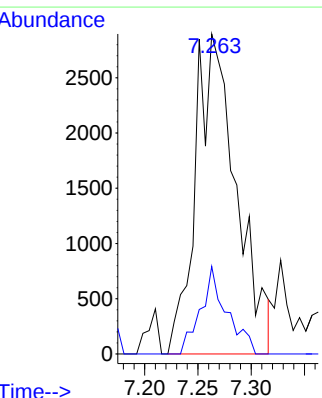
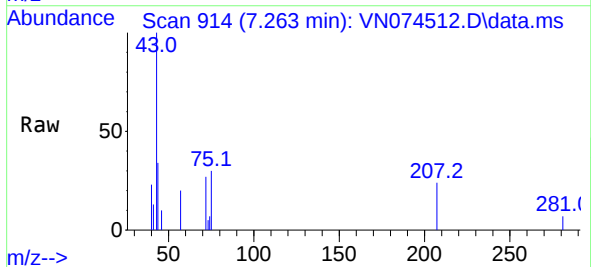
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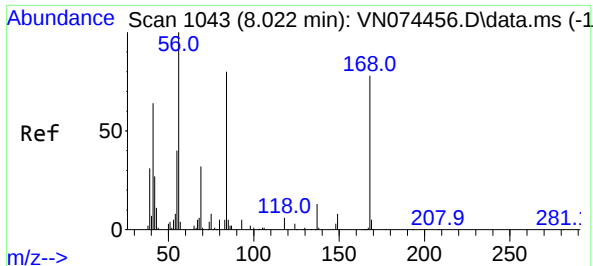
Tgt Ion:	45	Resp:	4392
Ion	Ratio	Lower	Upper
45	100		
43	31.6	46.6	70.0#
87	20.2	24.3	36.5#
59	0.0	9.6	14.4#



#25
2-Butanone
Concen: 1.327 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion:	43	Resp:	7744
Ion	Ratio	Lower	Upper
43	100		
72	27.4	23.7	35.5

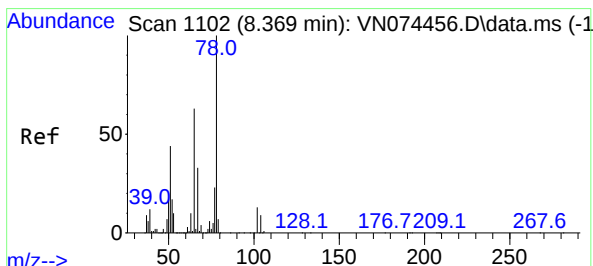
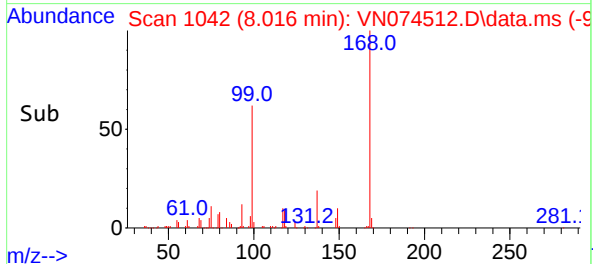
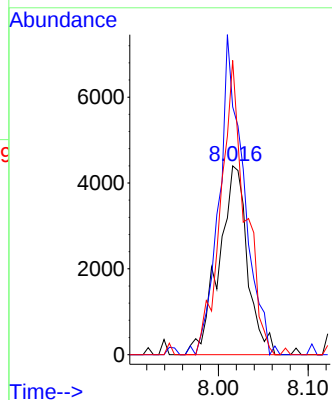
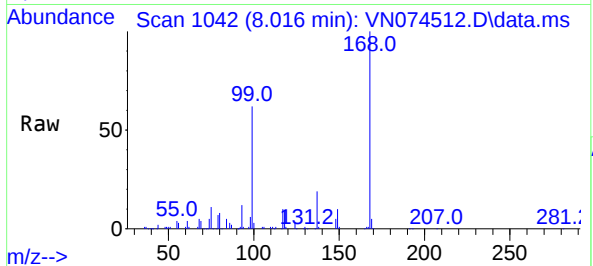




#31
Cyclohexane
Concen: 0.998 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

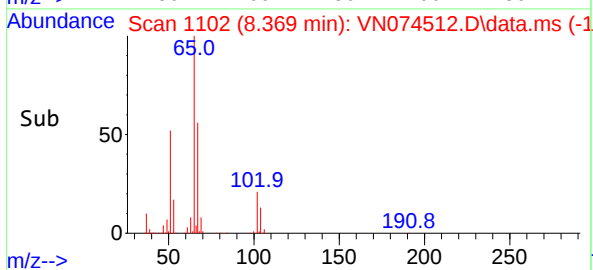
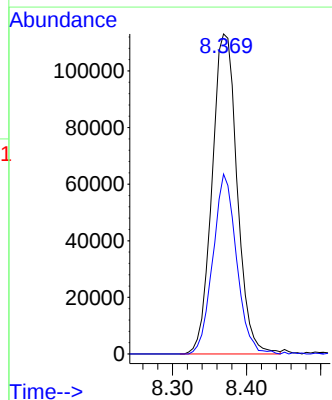
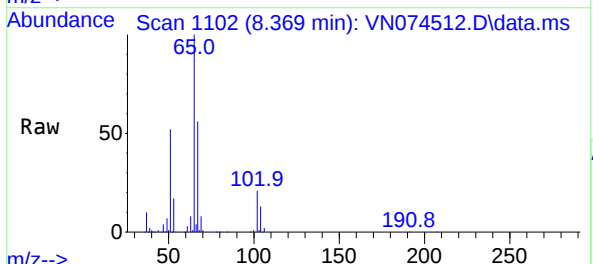
Instrument :
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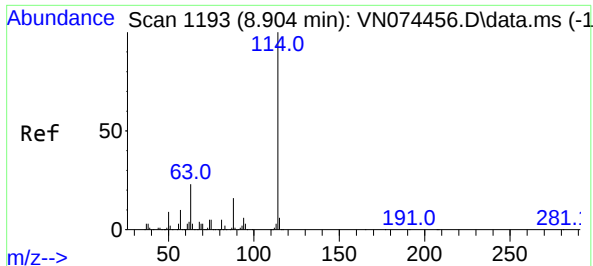
Tgt Ion: 56 Resp: 9734
Ion Ratio Lower Upper
56 100
69 131.3 27.8 41.8#
84 155.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.365 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 65 Resp: 265759
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074512.D

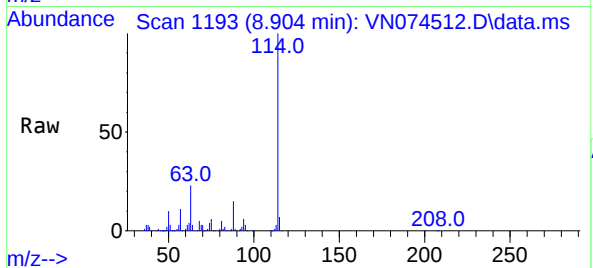
Acq: 16 Sep 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-298-300RE



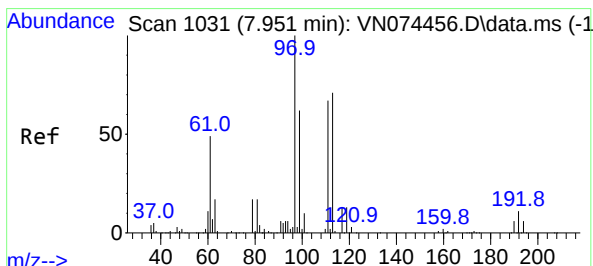
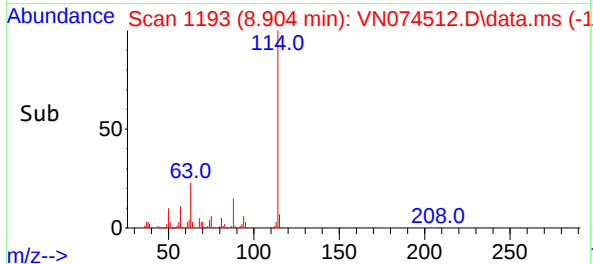
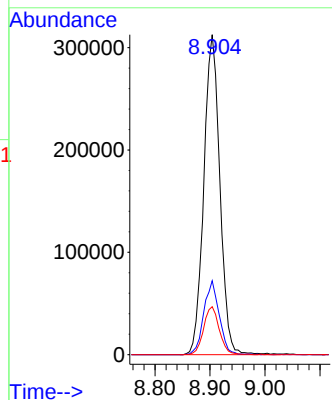
Tgt Ion:114 Resp: 635151

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.695 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074512.D

Acq: 16 Sep 2022 15:58

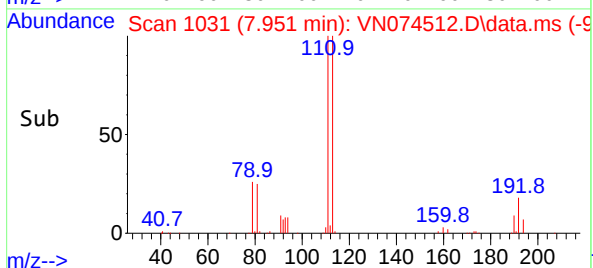
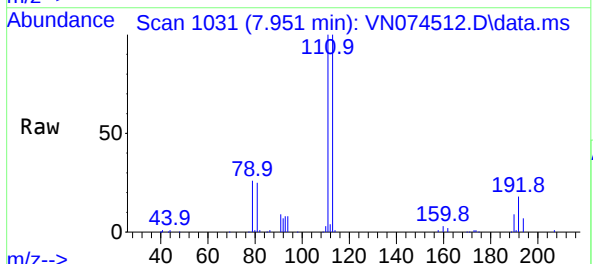
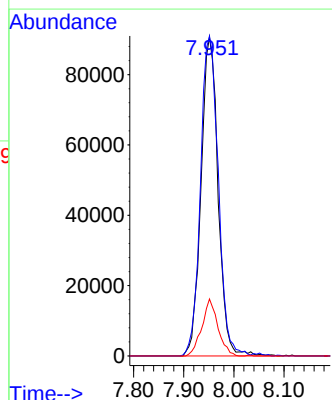
Tgt Ion:113 Resp: 213892

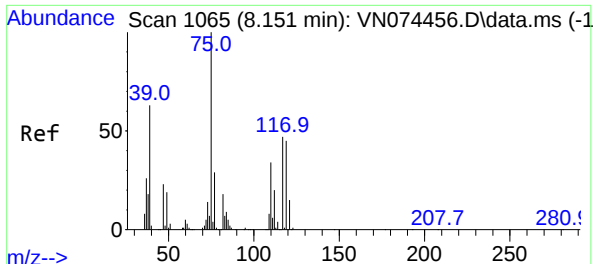
Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.0

192 16.8 17.0 25.6#

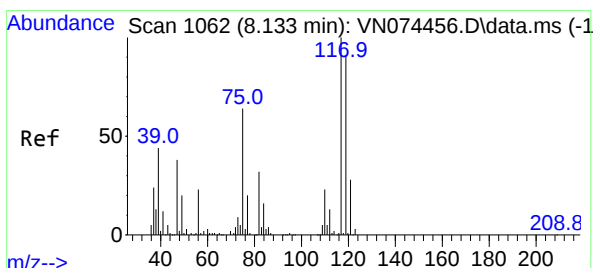
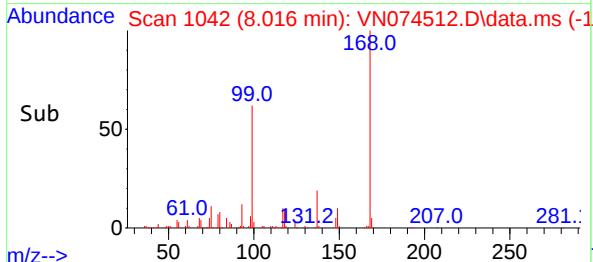
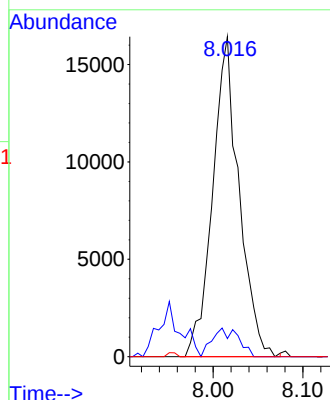
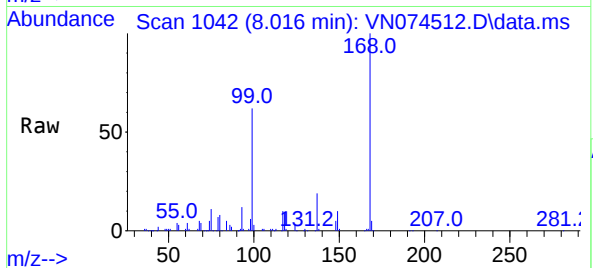




#36
1,1-Dichloropropene
Concen: 4.486 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

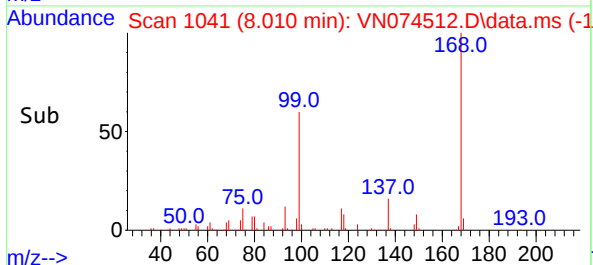
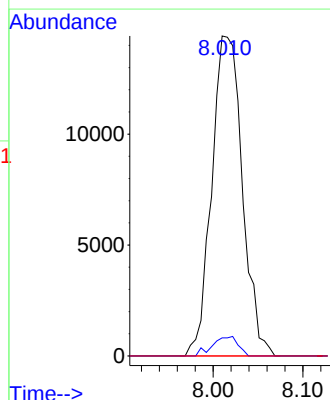
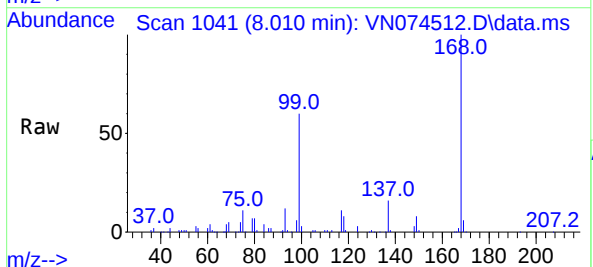
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-298-300RE

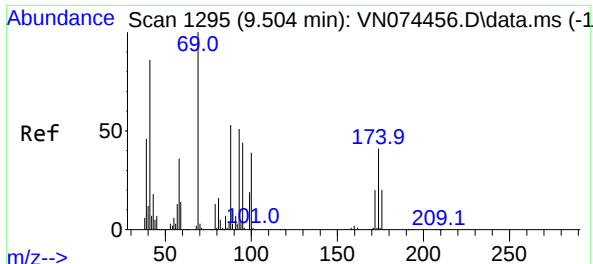
Tgt Ion: 75 Resp: 33499
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.963 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.123 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 117 Resp: 34223
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#

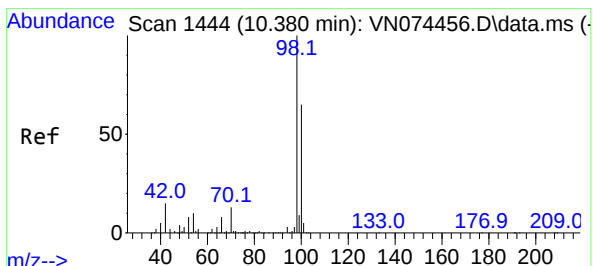
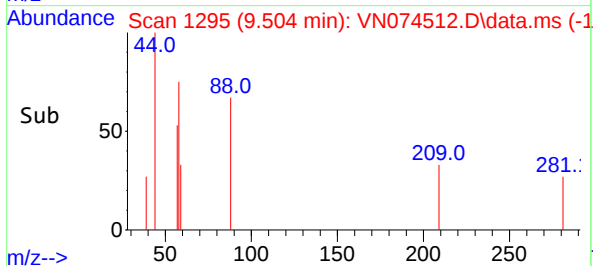
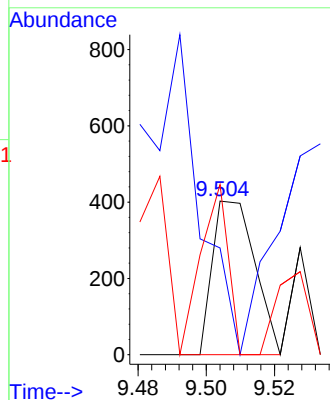
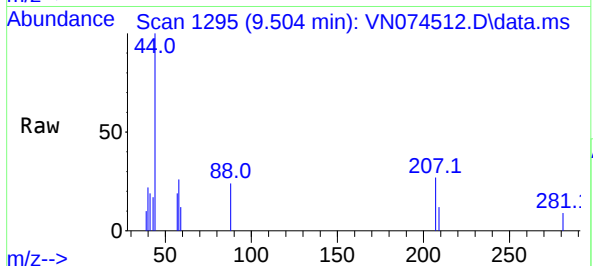




#49
1,4-Dioxane
Concen: 2.266 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

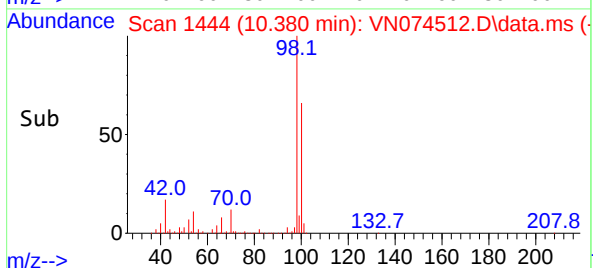
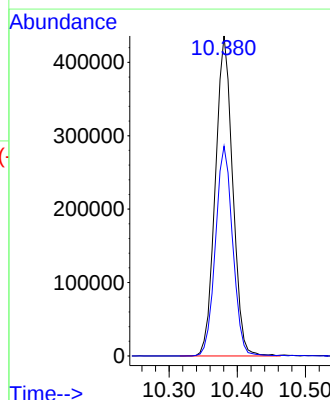
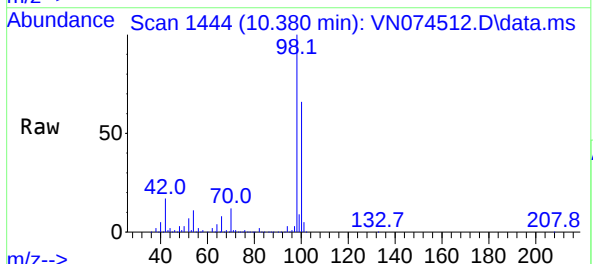
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-298-300RE

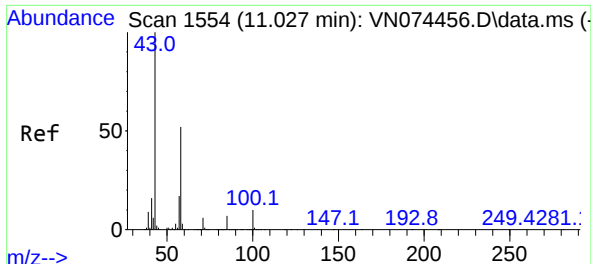
Tgt Ion: 88 Resp: 349
Ion Ratio Lower Upper
88 100
43 259.0 20.2 30.4#
58 71.6 54.2 81.4



#50
Toluene-d8
Concen: 47.263 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 98 Resp: 771197
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

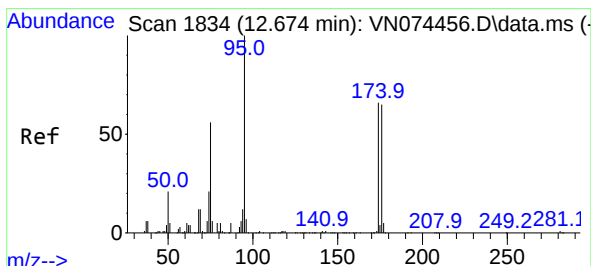
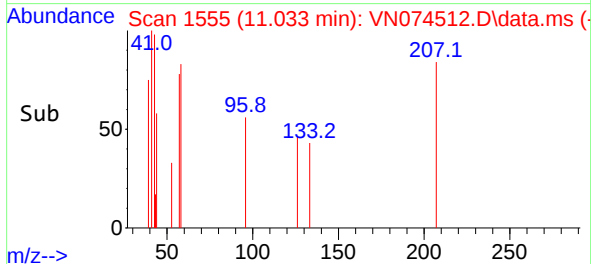
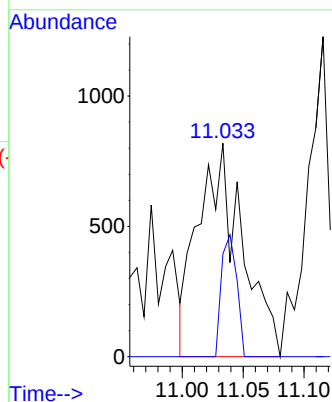
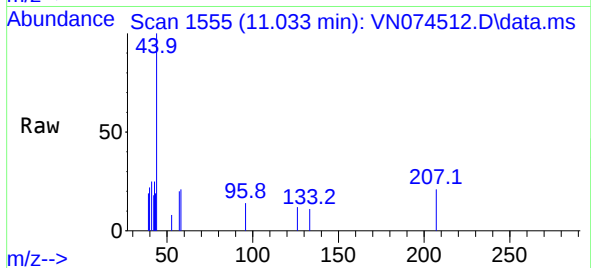




#59
2-Hexanone
Concen: 0.228 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

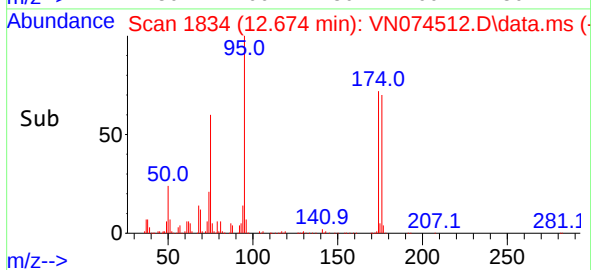
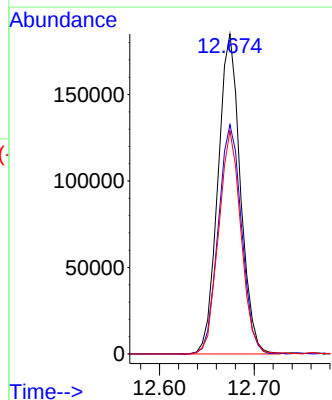
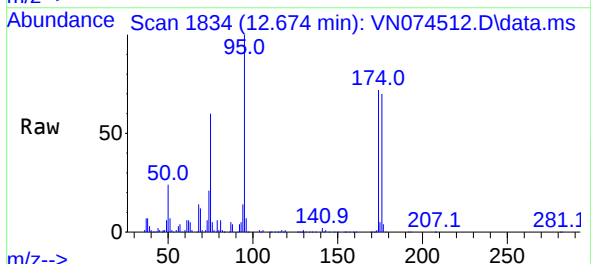
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-298-300RE

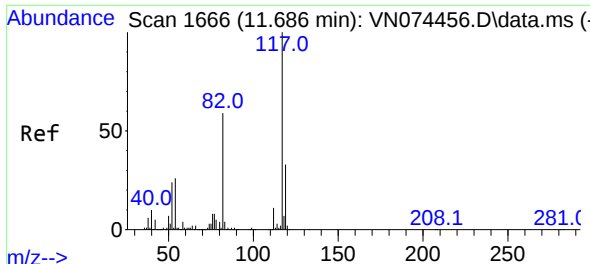
Tgt Ion: 43 Resp: 2053
Ion Ratio Lower Upper
43 100
58 19.9 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 54.433 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion: 95 Resp: 304200
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 69.7 0.0 163.4

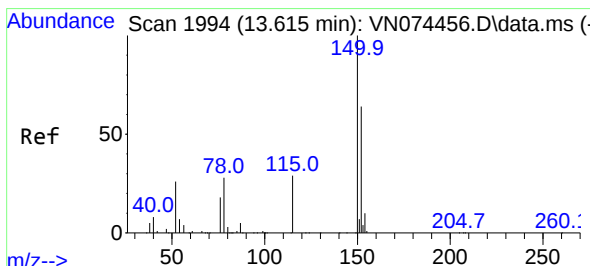
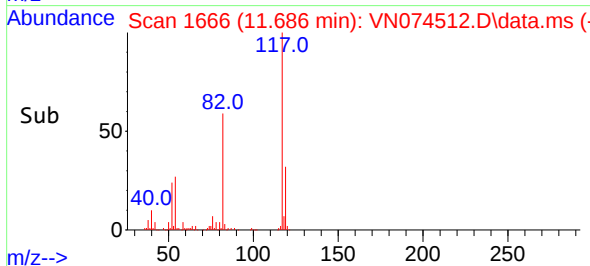
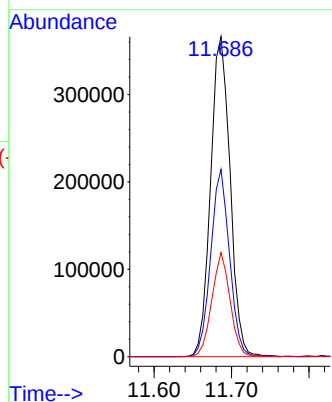
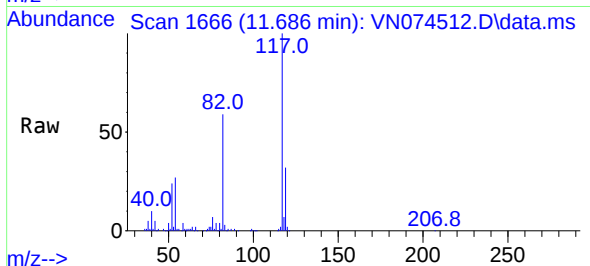




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

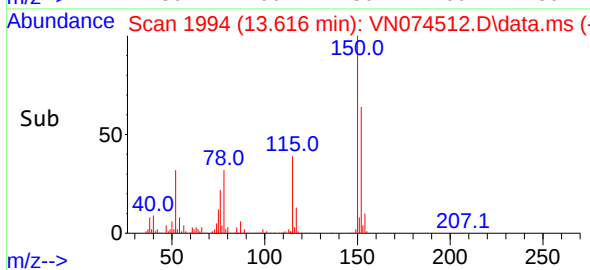
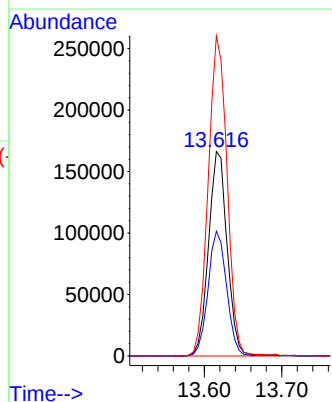
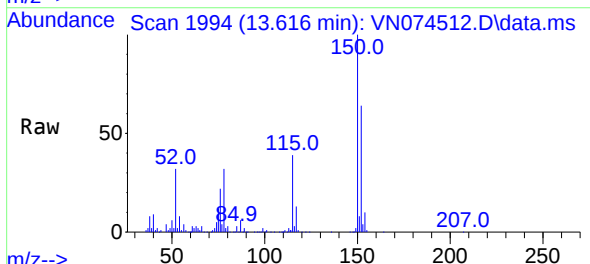
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-298-300RE

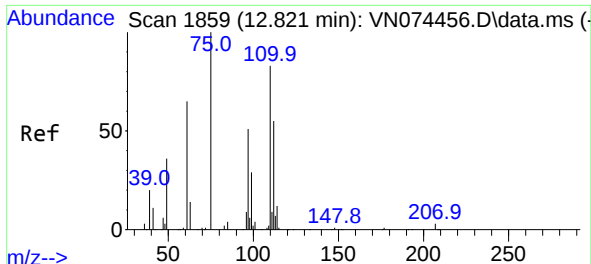
Tgt Ion:	117	Resp:	640389
Ion	Ratio	Lower	Upper
117	100		
82	58.4	44.2	66.2
119	32.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Tgt Ion:	152	Resp:	278268
Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.9	86.7
150	157.7	0.0	356.2

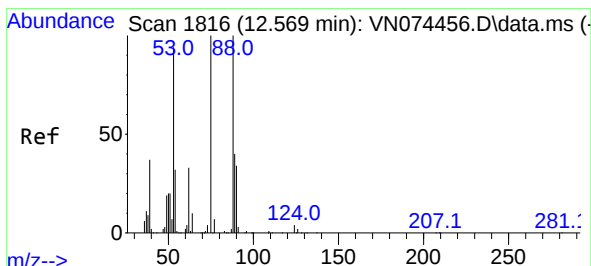
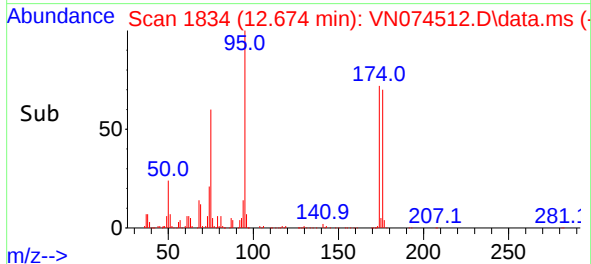
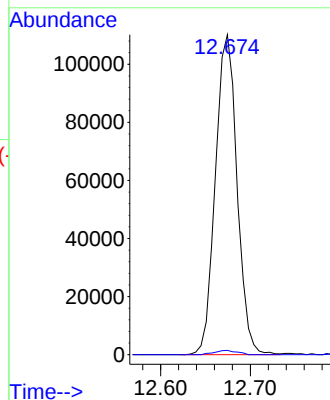
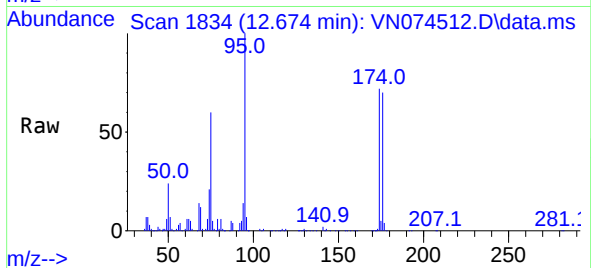




#76
1,2,3-Trichloropropane
Concen: 21.559 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

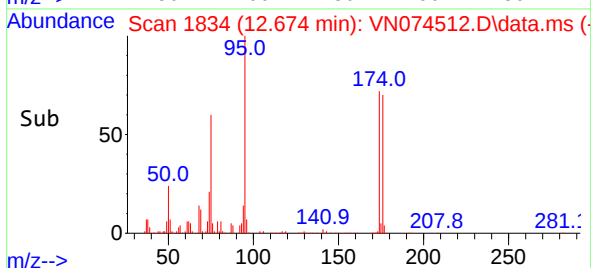
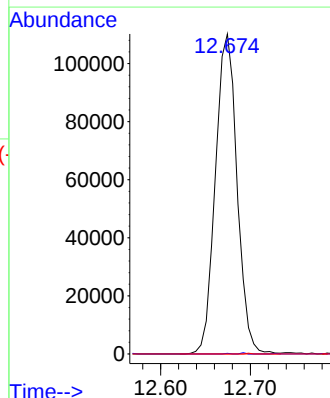
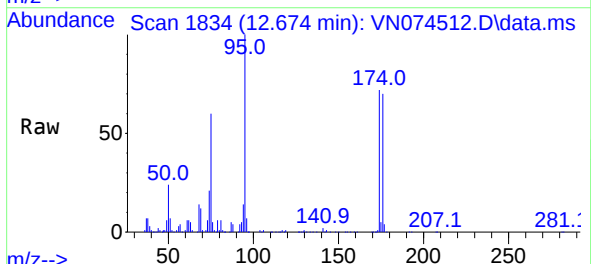
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-298-300RE

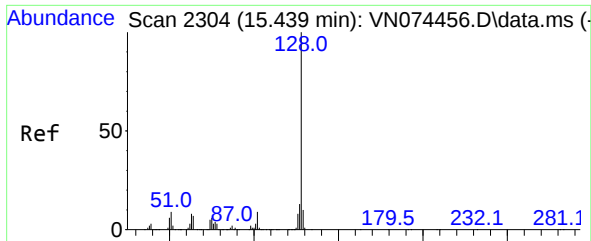
Tgt Ion: 75 Resp: 184657
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.531 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

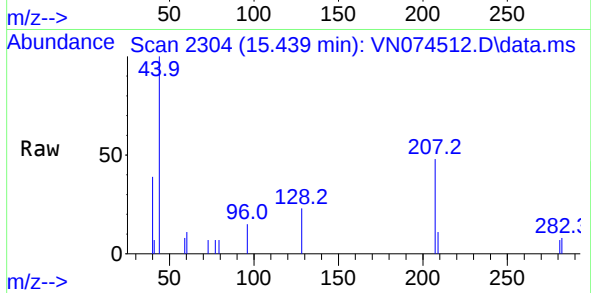
Tgt Ion: 75 Resp: 184657
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 1.615 ug/l
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074512.D
Acq: 16 Sep 2022 15:58

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-298-300RE



Tgt Ion:128 Resp: 636
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

