

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074510.D
 Acq On : 16 Sep 2022 15:09
 Operator : JC\MD
 Sample : N4626-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-408-410RE

Quant Time: Sep 16 16:15:57 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	327936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	643075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	655768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	299850	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	266528	47.900	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.800%
35) Dibromofluoromethane	7.951	113	218204	51.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	10.380	98	794110	48.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.674	95	316818	55.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.980%

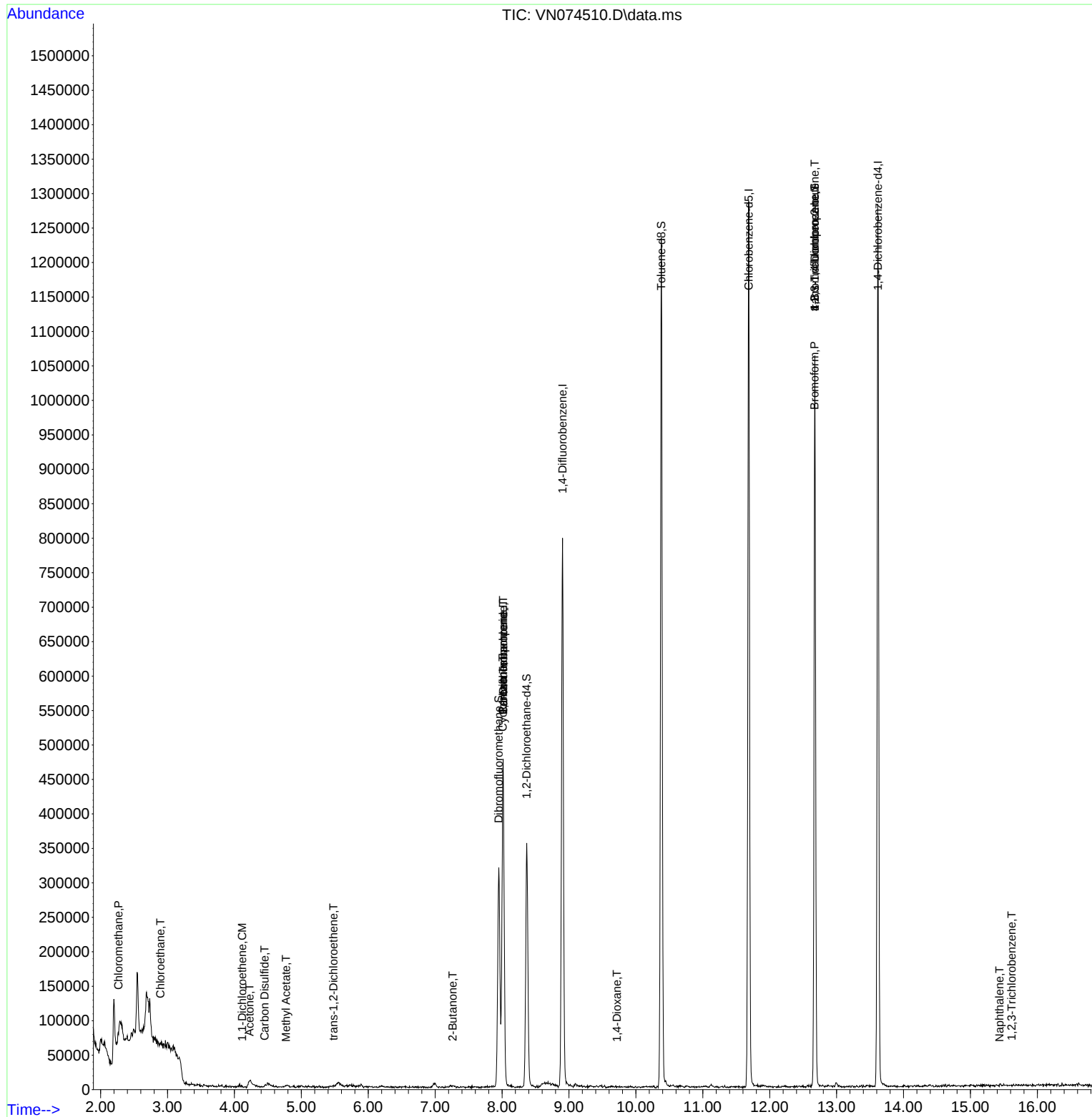
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.269	50	5561	1.180	ug/l #	87
6) Chloroethane	2.893	64	3407	0.776	ug/l #	43
12) 1,1-Dichloroethene	4.116	96	214	0.733	ug/l #	1
16) Acetone	4.228	43	16407	4.608	ug/l	95
17) Carbon Disulfide	4.451	76	2816	0.238	ug/l	99
18) Methyl Acetate	4.769	43	2300	0.208	ug/l #	54
21) trans-1,2-Dichloroethene	5.481	96	79	0.446	ug/l #	1
25) 2-Butanone	7.263	43	4165	0.705	ug/l #	81
31) Cyclohexane	8.010	56	10326	1.046	ug/l #	75
36) 1,1-Dichloropropene	8.016	75	33458	4.425	ug/l #	44
38) Carbon Tetrachloride	8.016	117	36075	5.167	ug/l #	17
49) 1,4-Dioxane	9.716	88	77	0.494	ug/l #	1
71) Bromoform	12.669	173	2030	0.462	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	192373	20.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	192373	44.986	ug/l #	10
95) Naphthalene	15.433	128	496	1.608	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.615	180	54	1.345	ug/l #	12

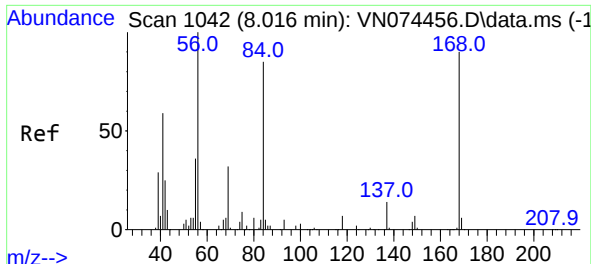
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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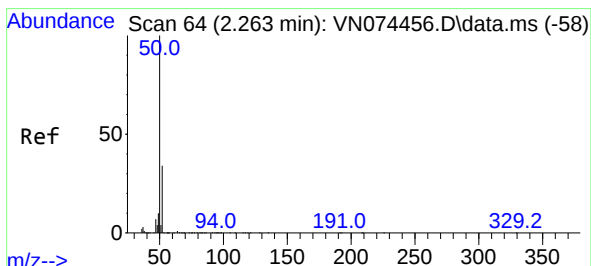
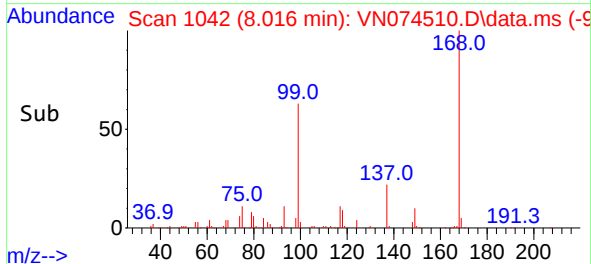
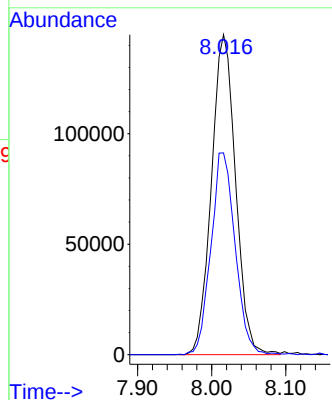
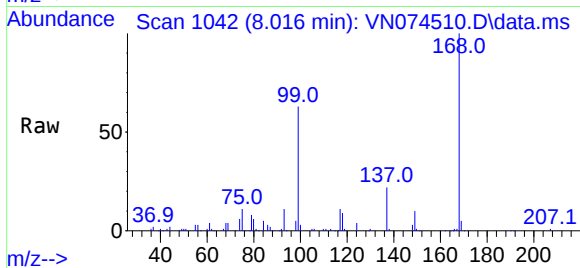




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

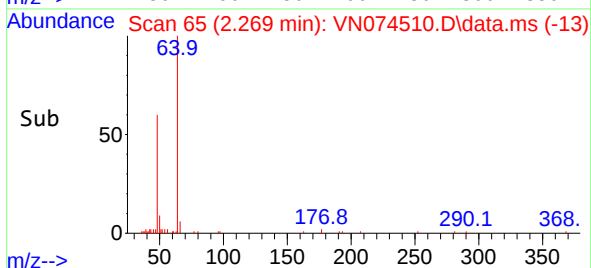
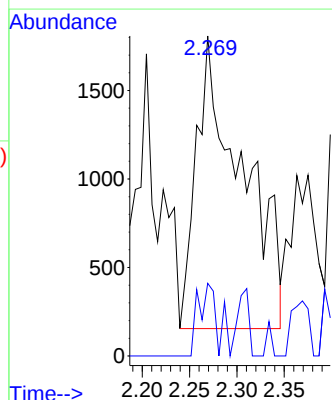
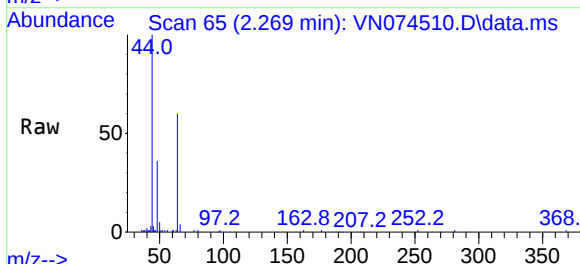
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-408-410RE

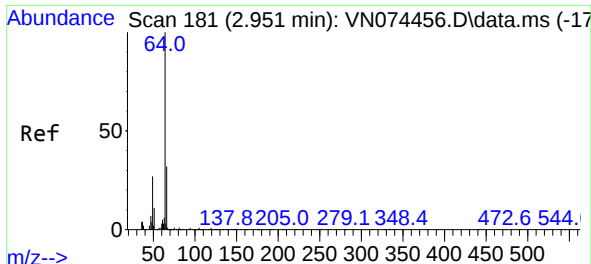
Tgt Ion:168 Resp: 327936
Ion Ratio Lower Upper
168 100
99 62.9 42.3 63.5



#3
Chloromethane
Concen: 1.180 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion: 50 Resp: 5561
Ion Ratio Lower Upper
50 100
52 24.9 25.7 38.5#

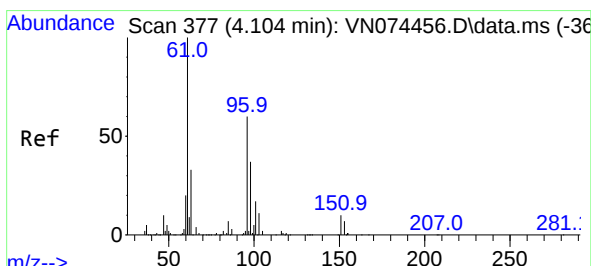
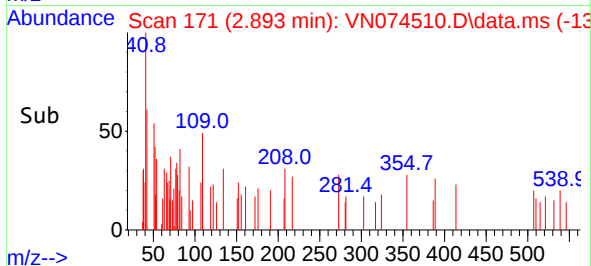
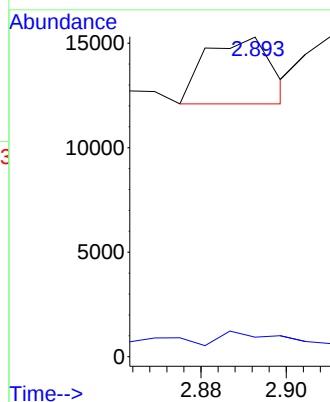
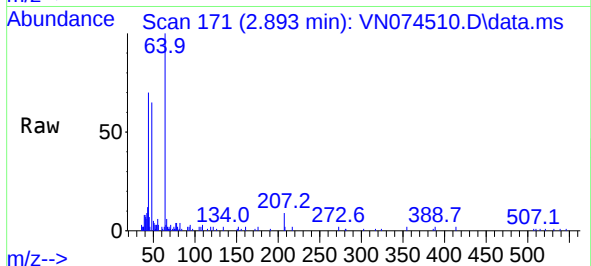




#6
Chloroethane
Concen: 0.776 ug/l
RT: 2.893 min Scan# 11
Delta R.T. -0.058 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

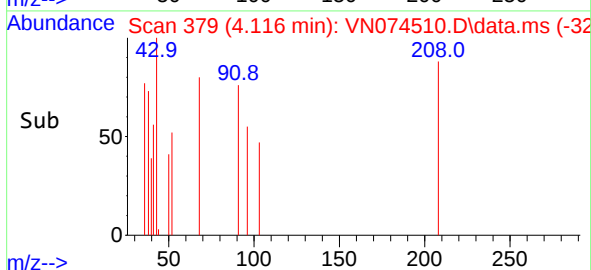
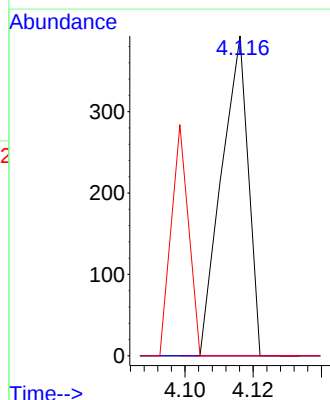
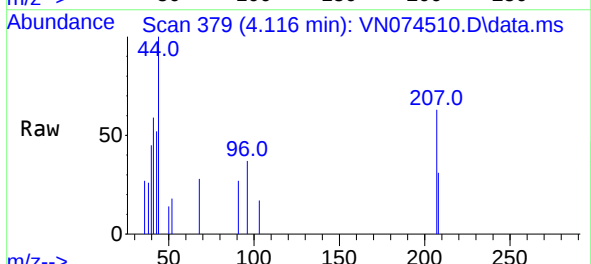
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-408-410RE

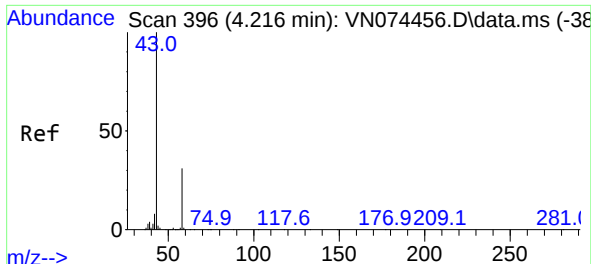
Tgt Ion: 64 Resp: 3407
Ion Ratio Lower Upper
64 100
66 0.9 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.733 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion: 96 Resp: 214
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

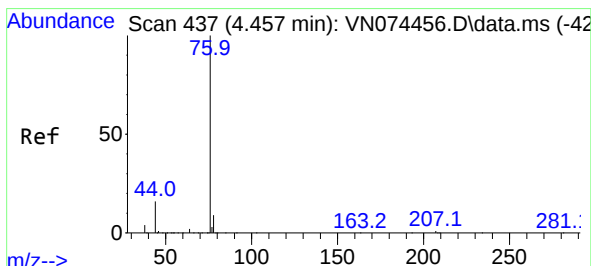
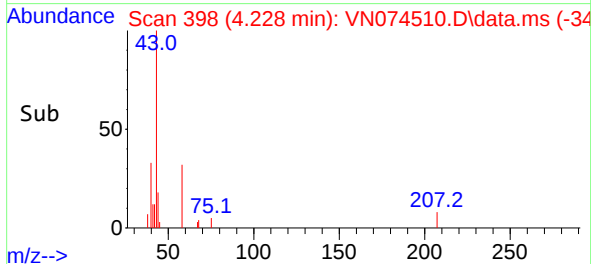
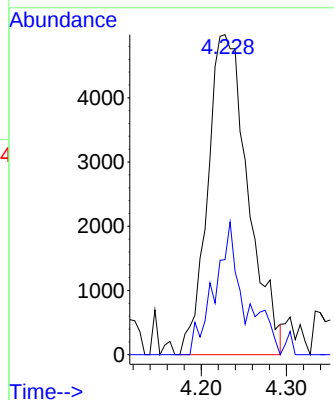
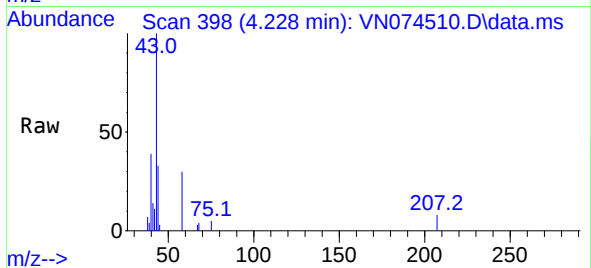




#16
Acetone
Concen: 4.608 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

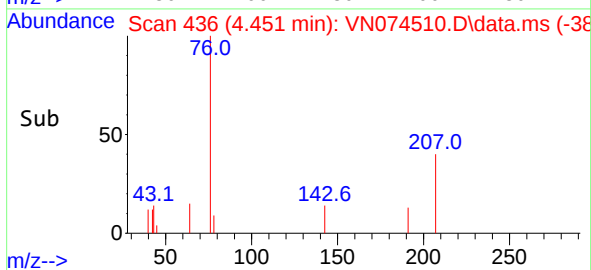
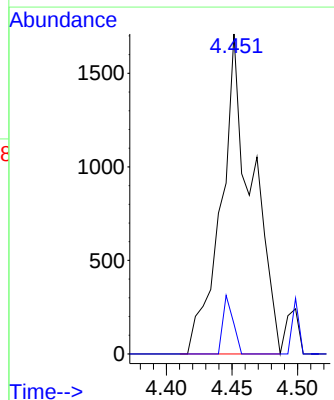
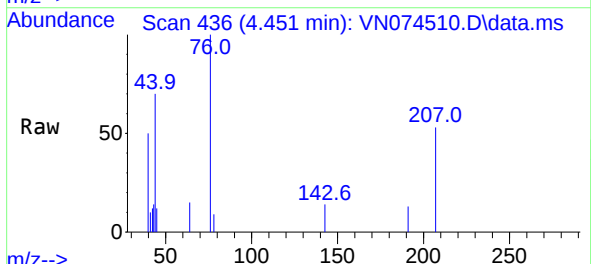
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-408-410RE

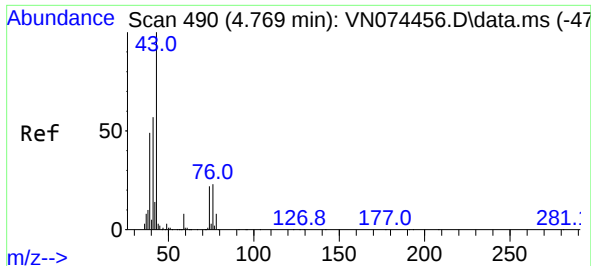
Tgt Ion: 43 Resp: 16407
Ion Ratio Lower Upper
43 100
58 29.7 26.0 39.0



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 4.451 min Scan# 436
Delta R.T. -0.006 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion: 76 Resp: 2816
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





#18

Methyl Acetate

Concen: 0.208 ug/l

RT: 4.769 min Scan# 490

Delta R.T. 0.000 min

Lab File: VN074510.D

Acq: 16 Sep 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :

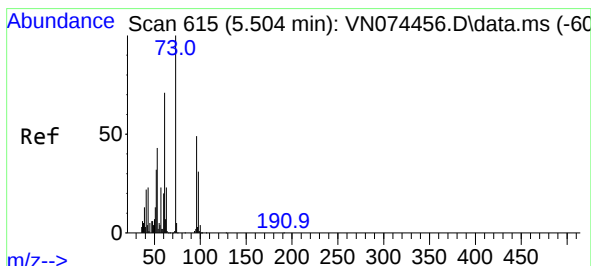
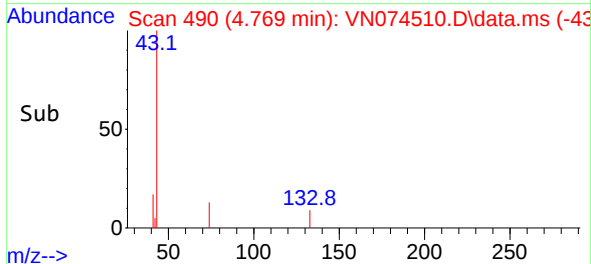
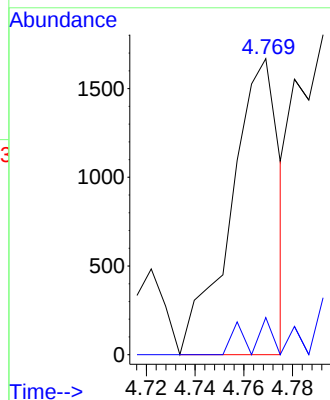
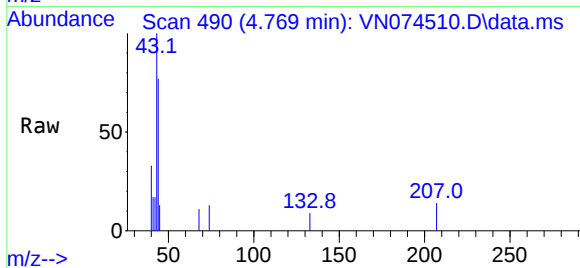
BP-VPB-RW5-GW-408-410RE

Tgt Ion: 43 Resp: 2300

Ion Ratio Lower Upper

43 100

74 3.2 21.6 32.4#



#21

trans-1,2-Dichloroethene

Concen: 0.446 ug/l

RT: 5.481 min Scan# 611

Delta R.T. -0.023 min

Lab File: VN074510.D

Acq: 16 Sep 2022 15:09

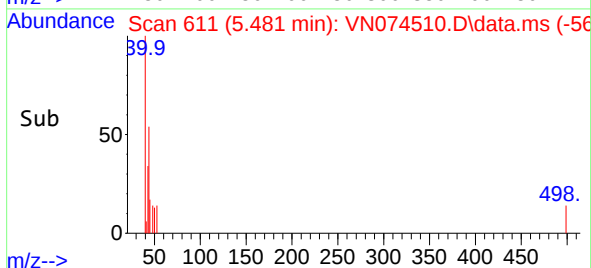
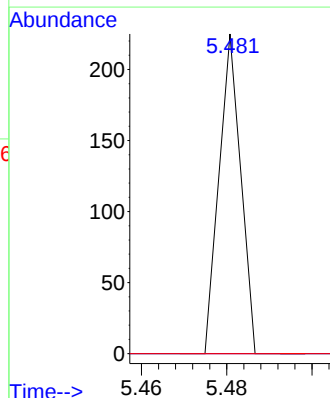
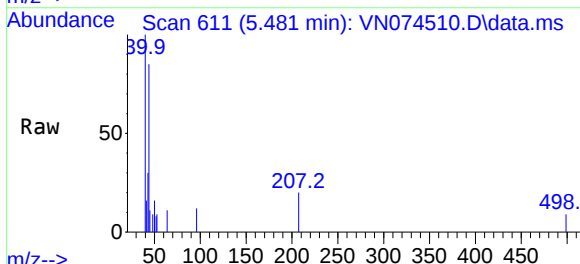
Tgt Ion: 96 Resp: 79

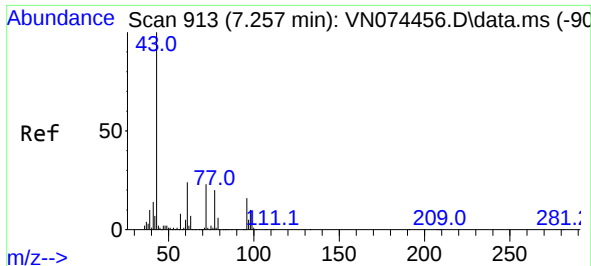
Ion Ratio Lower Upper

96 100

61 0.0 105.8 158.8#

98 0.0 50.3 75.5#

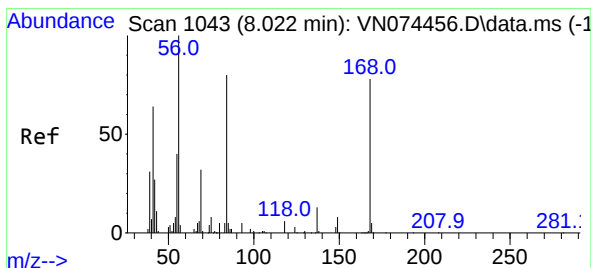
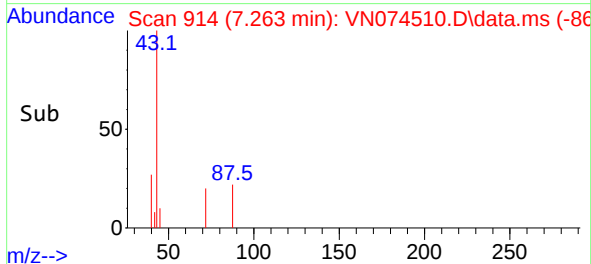
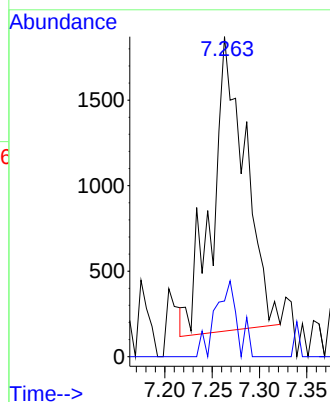
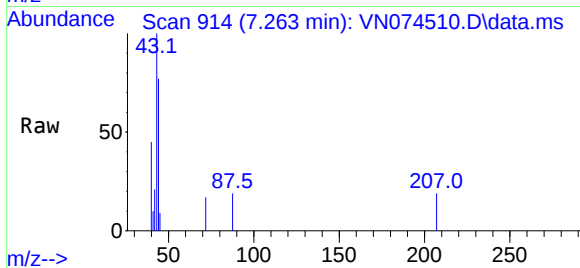




#25
2-Butanone
Concen: 0.705 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

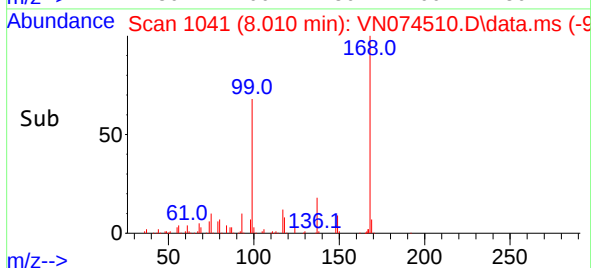
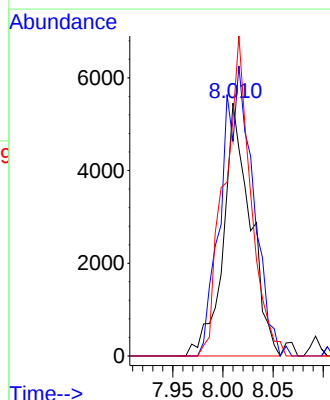
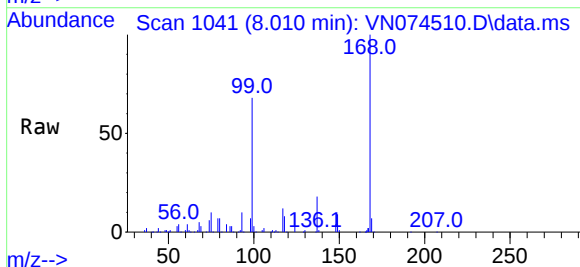
Instrument :
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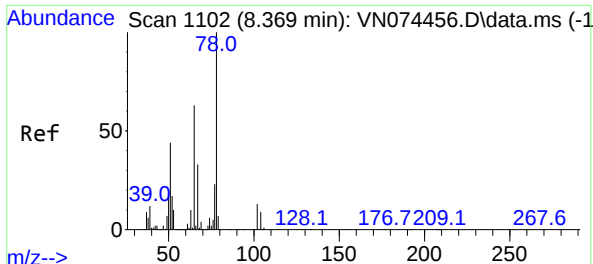
Tgt Ion: 43 Resp: 4165
Ion Ratio Lower Upper
43 100
72 19.4 23.7 35.5#



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion: 56 Resp: 10326
Ion Ratio Lower Upper
56 100
69 84.9 27.8 41.8#
84 93.6 76.9 115.3

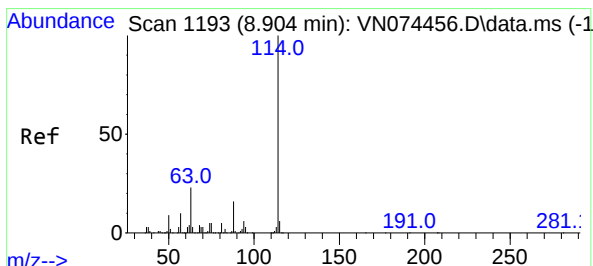
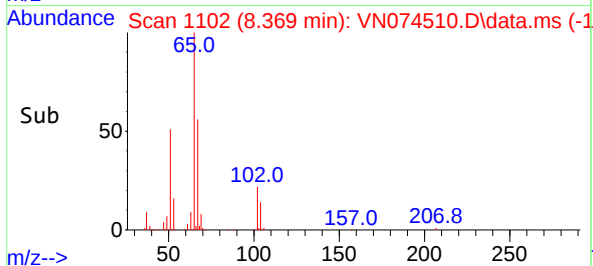
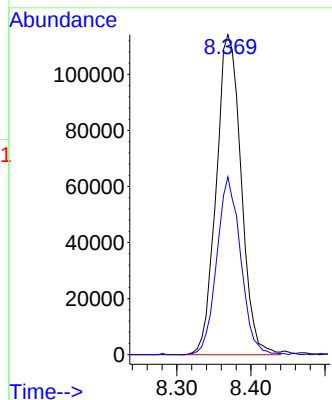
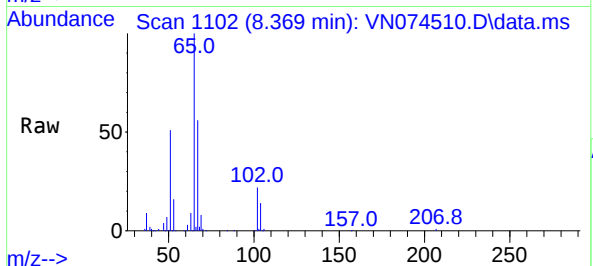




#33
1,2-Dichloroethane-d4
Concen: 47.900 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

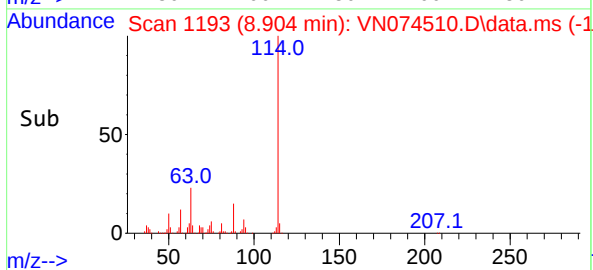
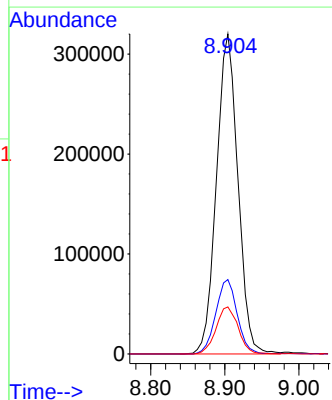
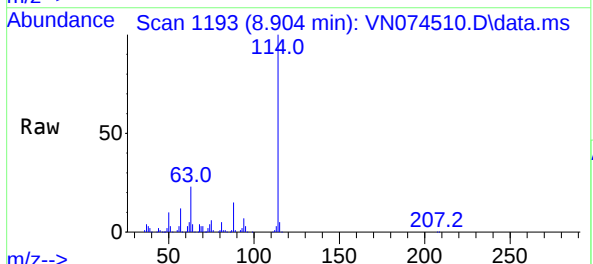
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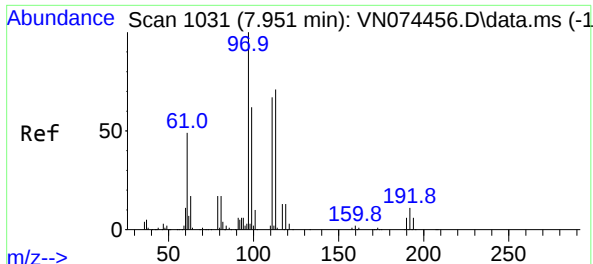
Tgt Ion: 65 Resp: 266528
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion: 114 Resp: 643075
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.0
88 14.7 0.0 32.6

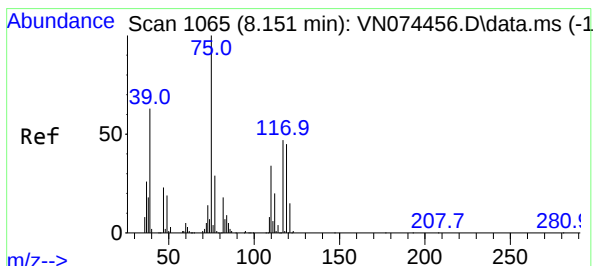
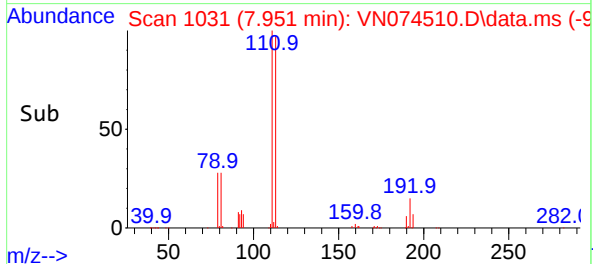
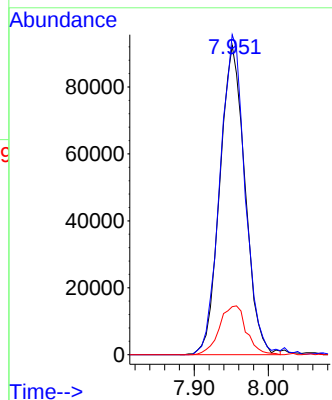
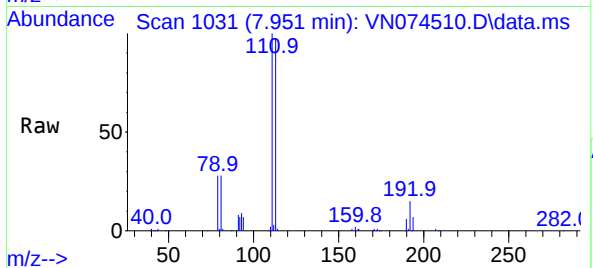




#35
Dibromofluoromethane
Concen: 51.080 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

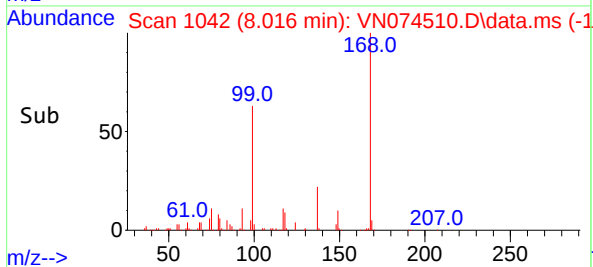
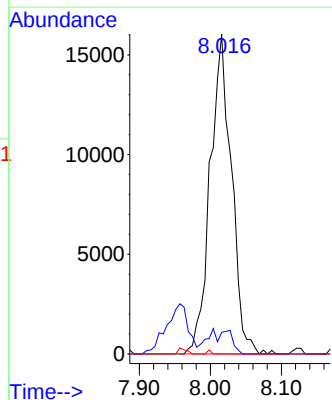
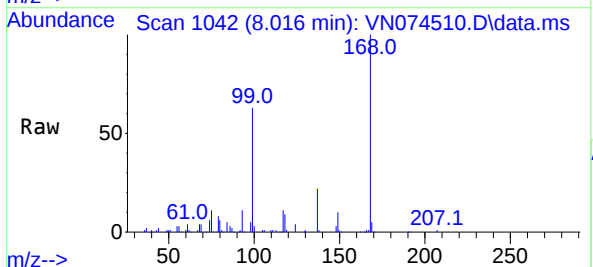
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-408-410RE

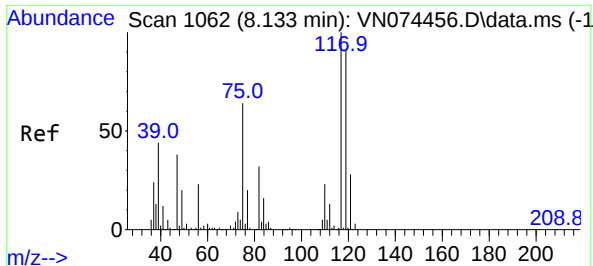
Tgt Ion:113 Resp: 218204
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 16.8 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion: 75 Resp: 33458
Ion Ratio Lower Upper
75 100
110 4.2 18.3 54.8#
77 0.0 25.1 37.7#

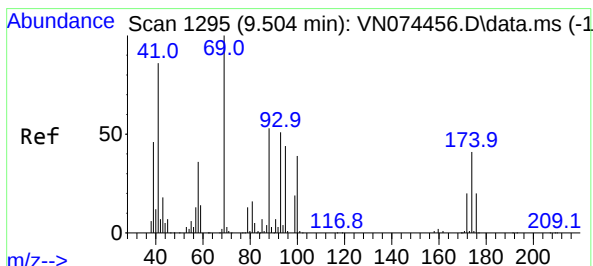
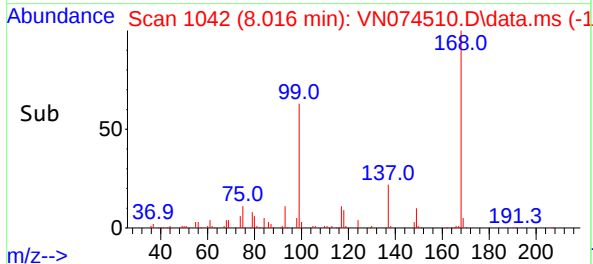
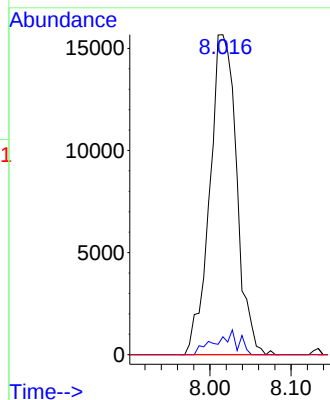
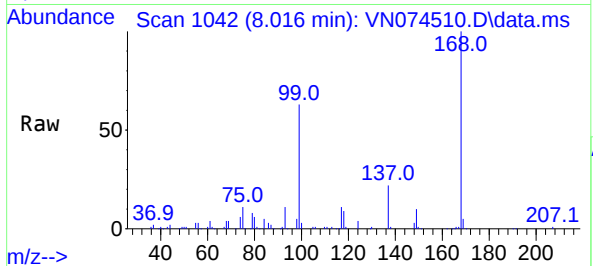




#38
Carbon Tetrachloride
Concen: 5.167 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

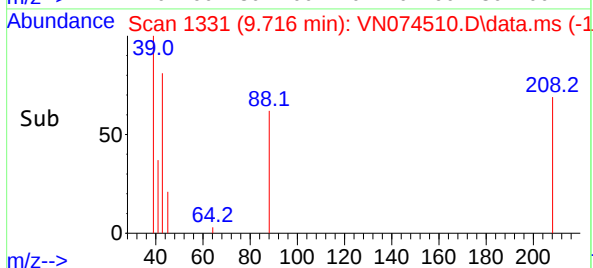
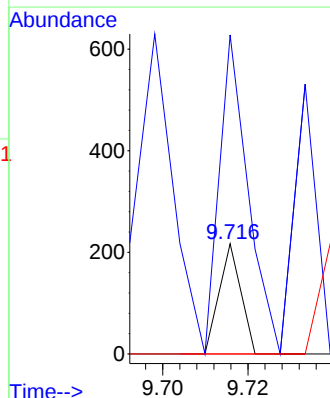
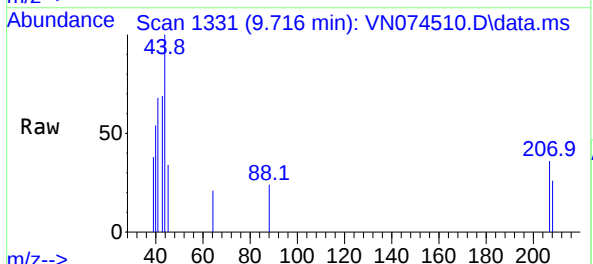
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-408-410RE

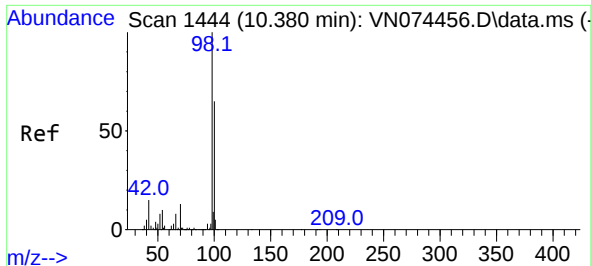
Tgt Ion:117 Resp: 36075
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 0.494 ug/l
RT: 9.716 min Scan# 1331
Delta R.T. 0.212 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
43 381.8 20.2 30.4#
58 0.0 54.2 81.4#

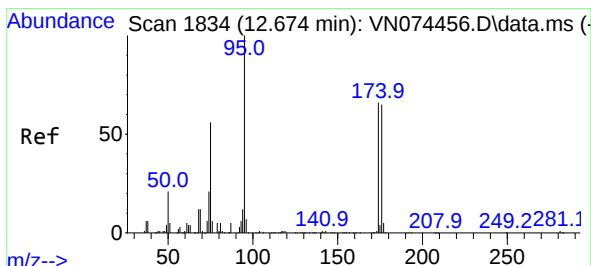
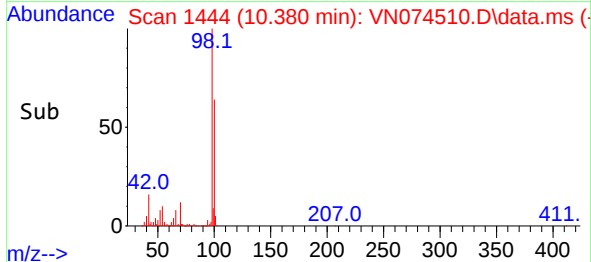
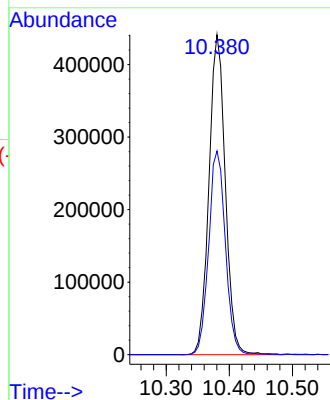
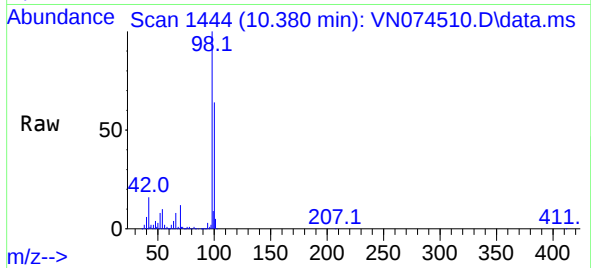




#50
Toluene-d8
Concen: 48.067 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

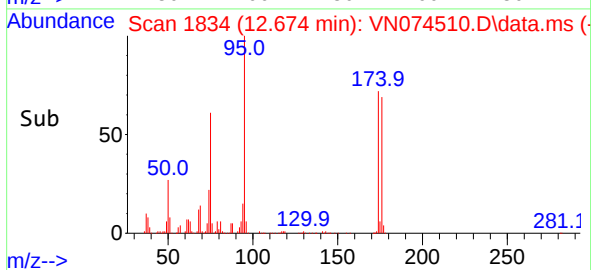
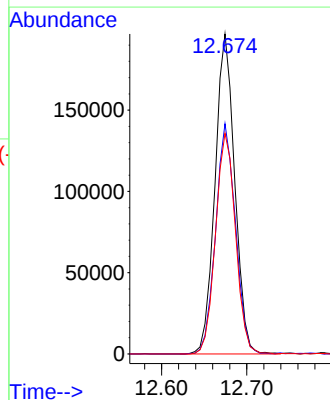
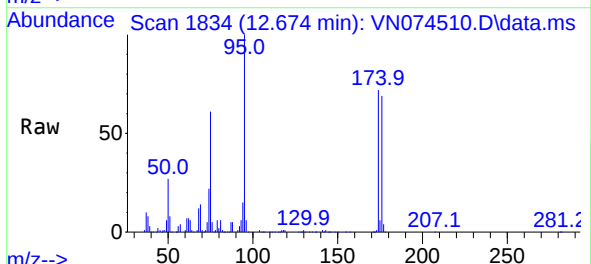
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-408-410RE

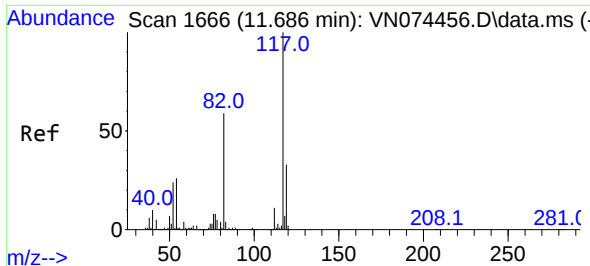
Tgt Ion: 98 Resp: 794110
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.992 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion: 95 Resp: 316818
Ion Ratio Lower Upper
95 100
174 72.6 0.0 167.6
176 69.8 0.0 163.4

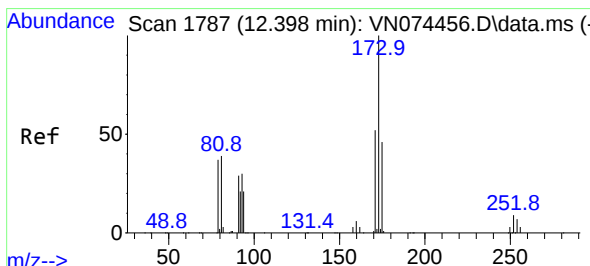
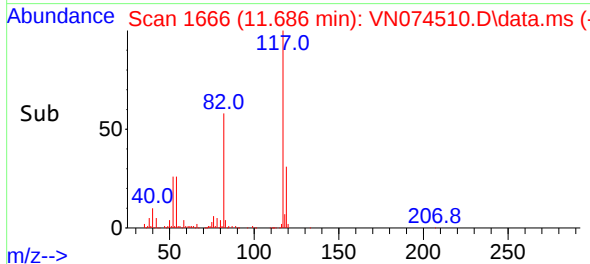
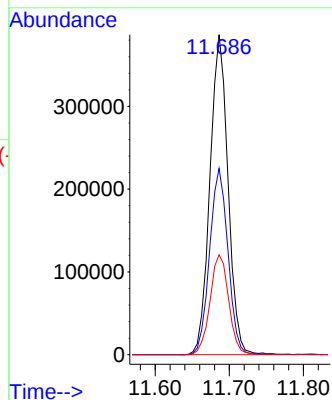
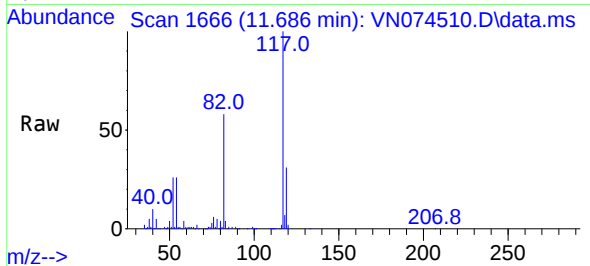




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

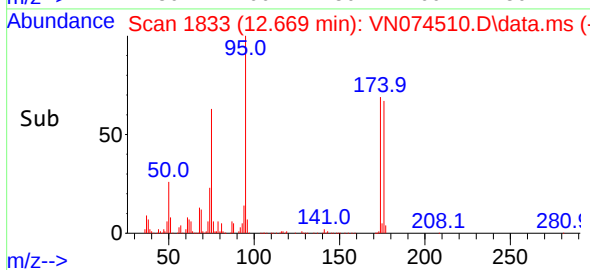
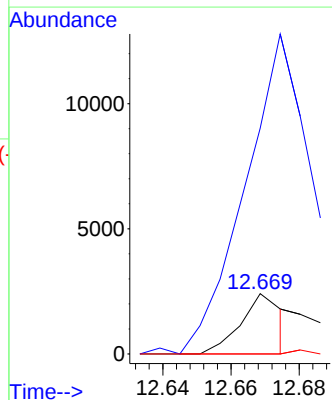
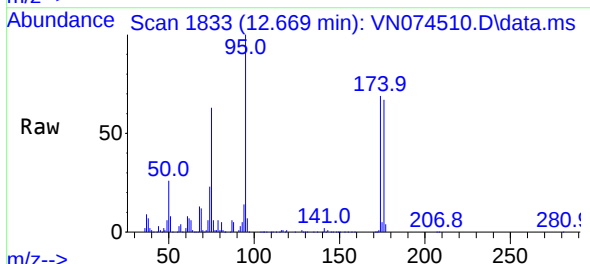
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-408-410RE

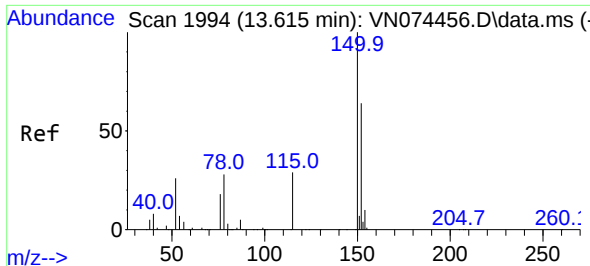
Tgt Ion:117 Resp: 655768
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 31.2 25.4 38.0



#71
Bromoform
Concen: 0.462 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion:173 Resp: 2030
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

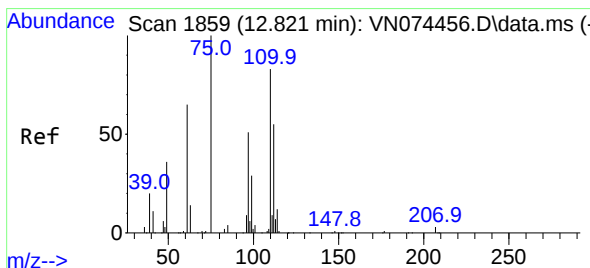
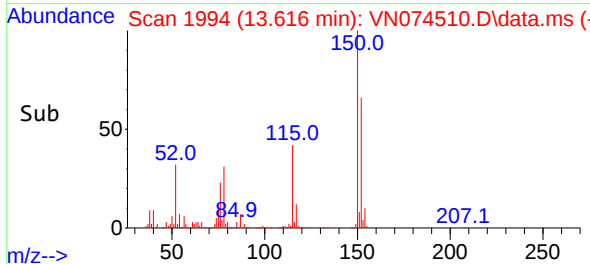
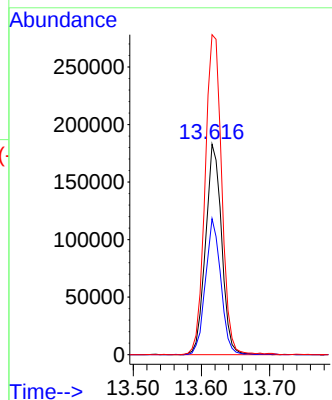
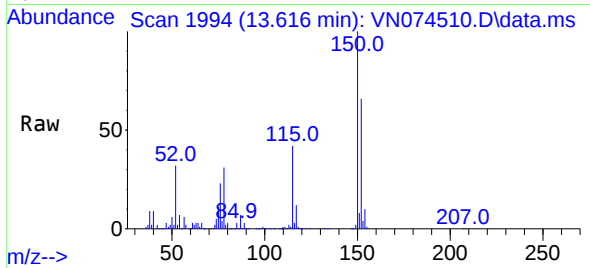




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074510.D
 Acq: 16 Sep 2022 15:09

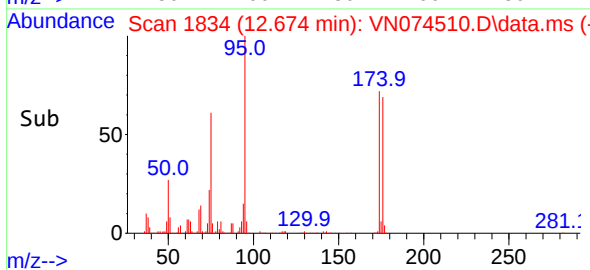
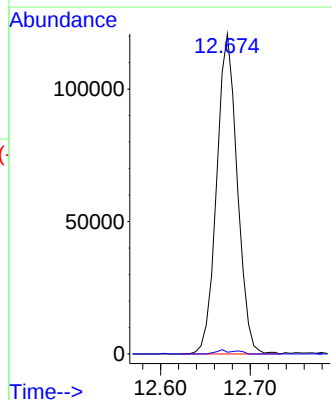
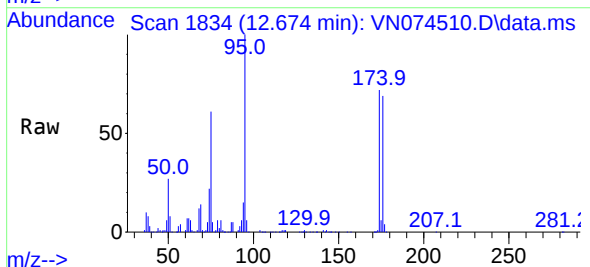
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-408-410RE

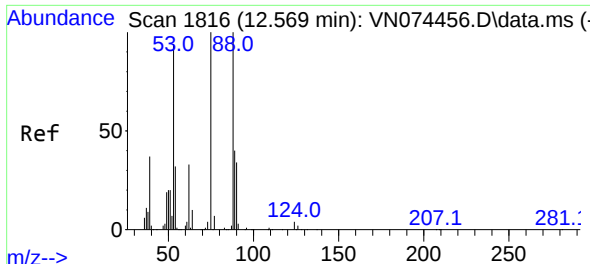
Tgt Ion:152 Resp: 299850
 Ion Ratio Lower Upper
 152 100
 115 61.8 28.9 86.7
 150 157.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.843 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074510.D
 Acq: 16 Sep 2022 15:09

Tgt Ion: 75 Resp: 192373
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

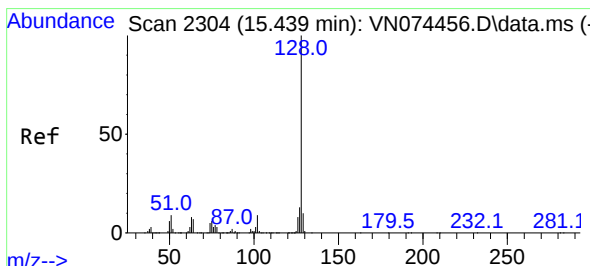
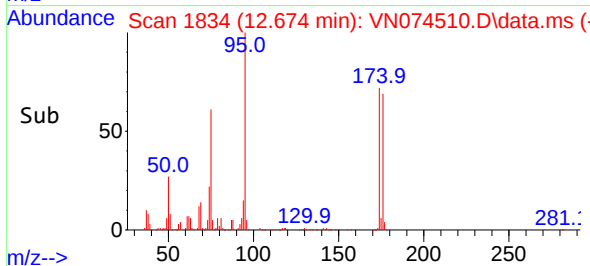
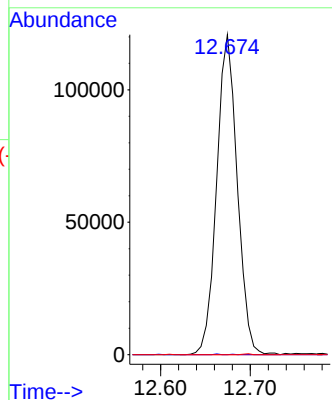
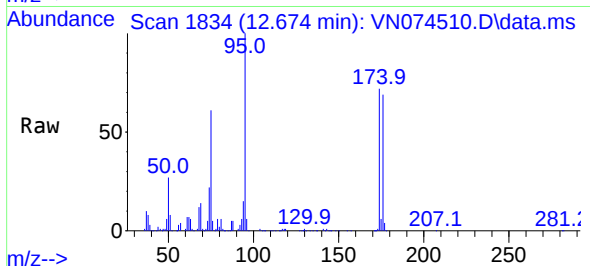




#81
trans-1,4-Dichloro-2-butene
Concen: 44.986 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.105 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

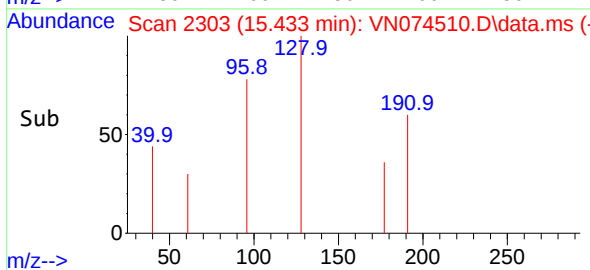
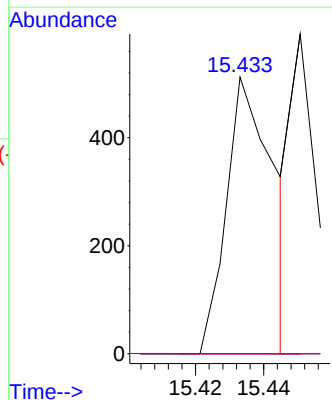
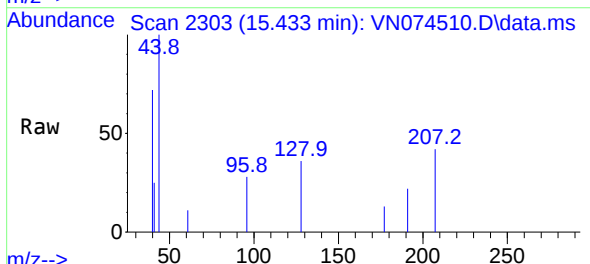
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-408-410RE

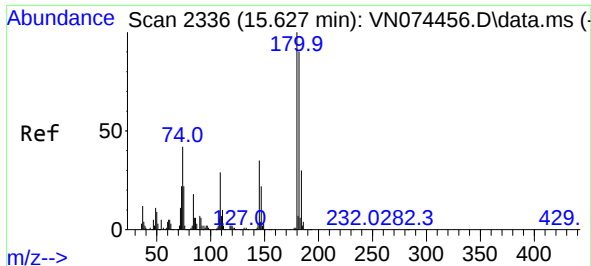
Tgt Ion: 75 Resp: 192373
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.608 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN074510.D
Acq: 16 Sep 2022 15:09

Tgt Ion:128 Resp: 496
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.345 ug/l

RT: 15.615 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN074510.D

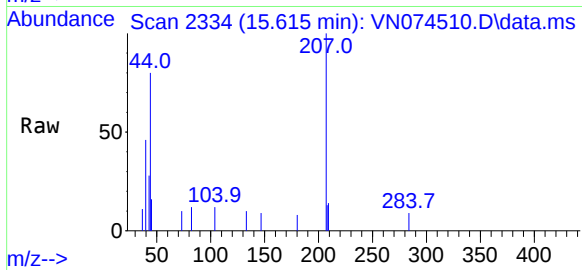
Acq: 16 Sep 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-408-410RE



Tgt Ion:180 Resp: 54

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.5 46.5#

