

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031390.D
 Acq On : 16 Sep 2022 06:35
 Operator : JC/MD
 Sample : N4626-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-418-420

Quant Time: Sep 16 08:48:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

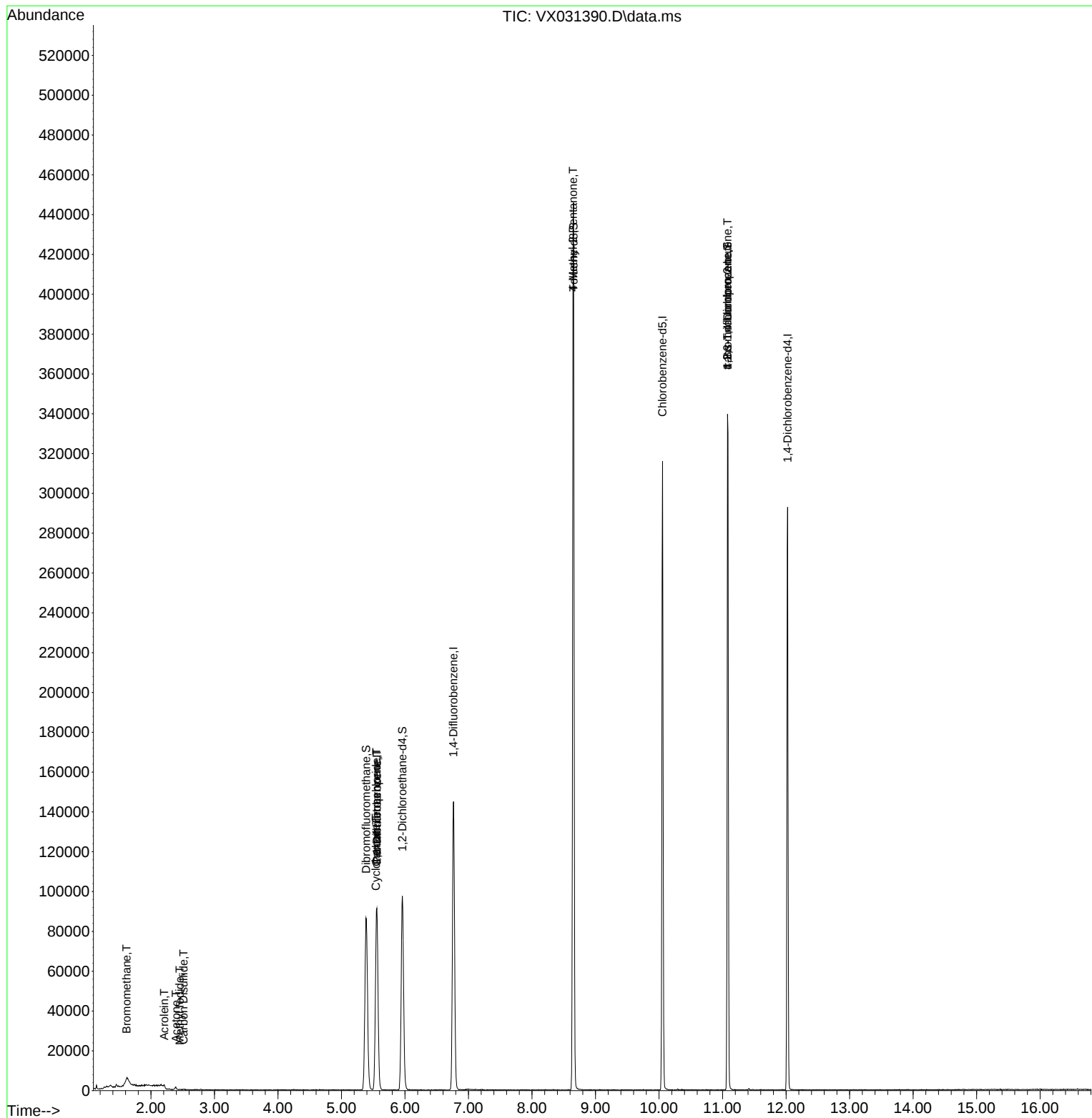
Internal Standards						
1) Pentafluorobenzene	5.556	168	86845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88074	41.317	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.640%
35) Dibromofluoromethane	5.385	113	72094	45.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.660%
50) Toluene-d8	8.653	98	265171	44.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.900%
62) 4-Bromofluorobenzene	11.079	95	80627	36.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	73.820%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	156	Below Cal	#	41
5) Bromomethane	1.618	94	403	0.354	ug/l #	62
10) Methyl Iodide	2.453	142	71	0.958	ug/l #	38
13) Acrolein	2.209	56	63	0.256	ug/l #	15
16) Acetone	2.392	43	1591	1.748	ug/l #	83
17) Carbon Disulfide	2.514	76	216	0.953	ug/l #	75
20) Methylene Chloride	2.794	84	92	Below Cal	#	35
31) Cyclohexane	5.544	56	2173	0.949	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	7376	3.388	ug/l #	46
38) Carbon Tetrachloride	5.550	117	8959	3.786	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1458	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47076	32.286	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47076	89.337	ug/l #	11

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

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
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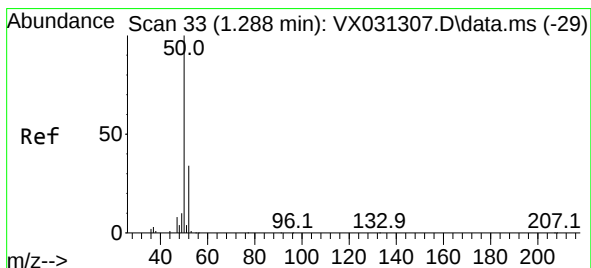
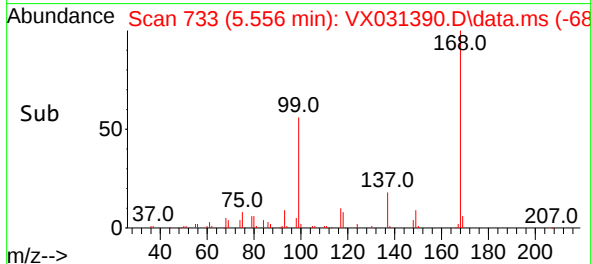
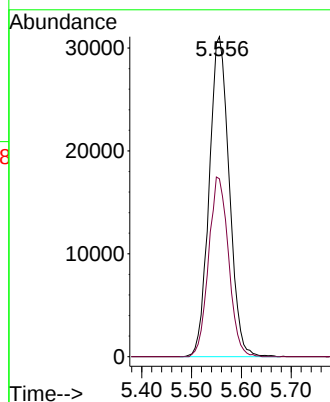
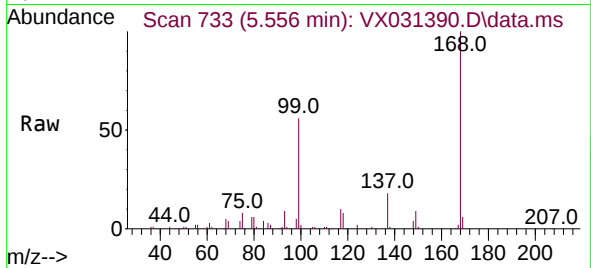




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

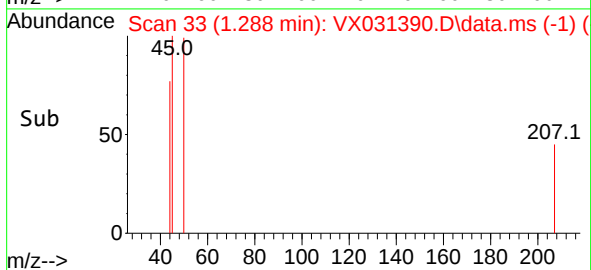
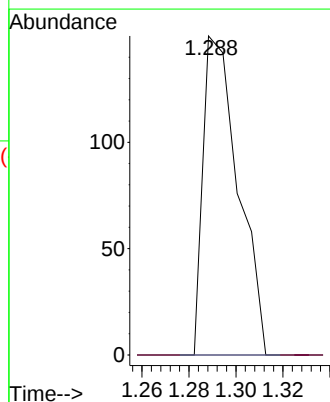
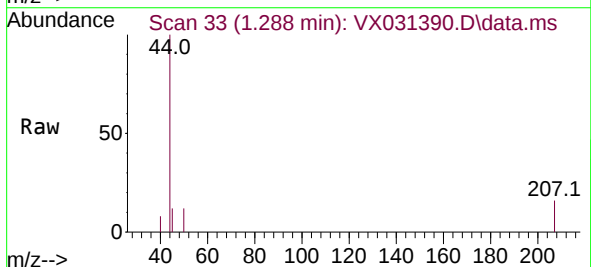
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-418-420

Tgt Ion:168 Resp: 86845
Ion Ratio Lower Upper
168 100
99 55.6 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Tgt Ion: 50 Resp: 156
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

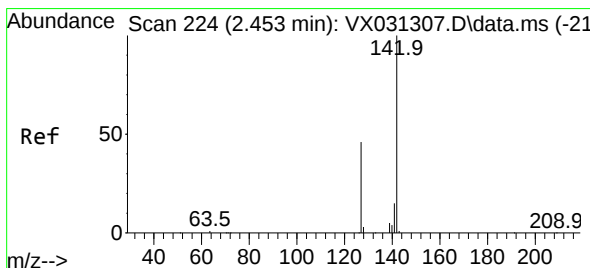
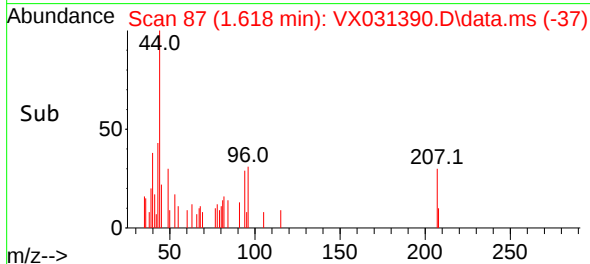
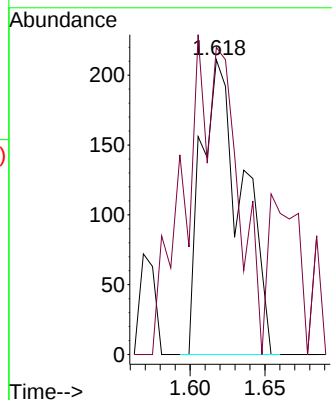
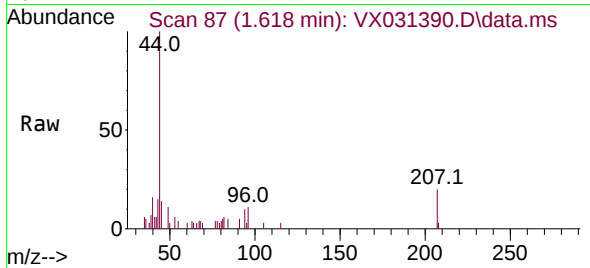




#5
Bromomethane
Concen: 0.354 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

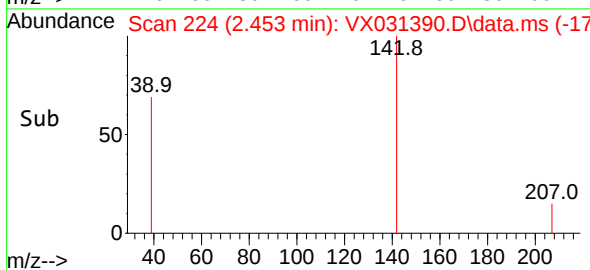
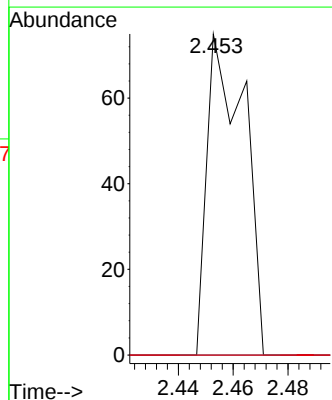
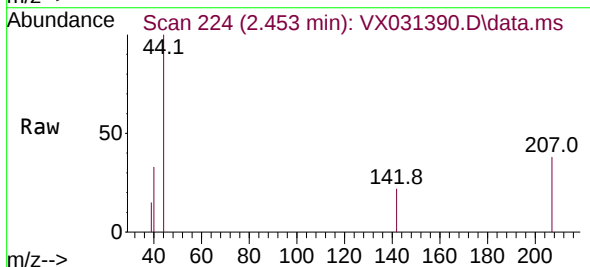
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-418-420

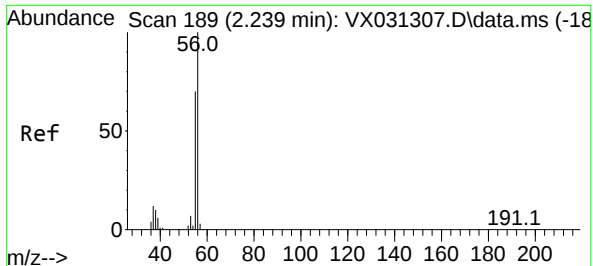
Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 56.4 74.4 111.6#



#10
Methyl Iodide
Concen: 0.958 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Tgt Ion: 142 Resp: 71
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#

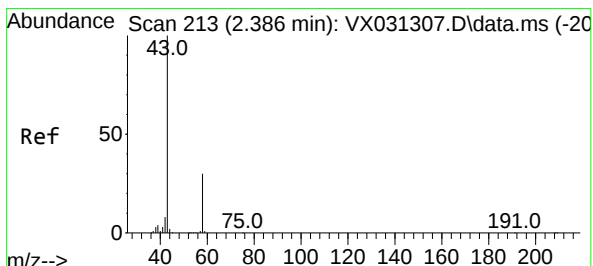
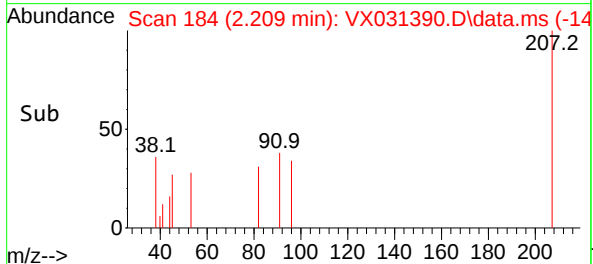
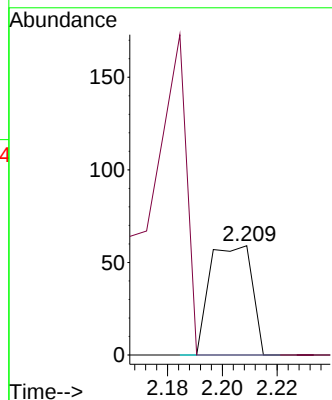
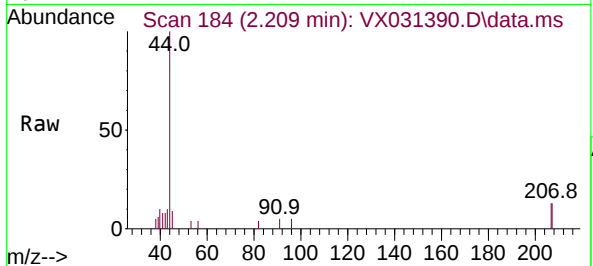




#13
Acrolein
Concen: 0.256 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

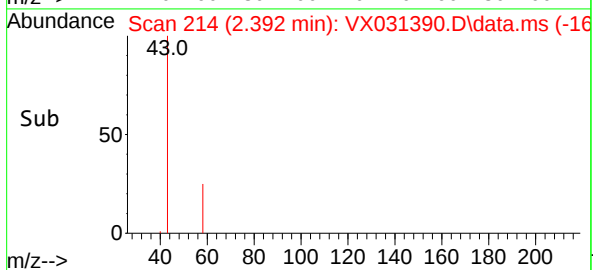
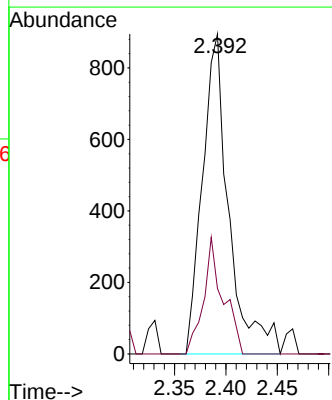
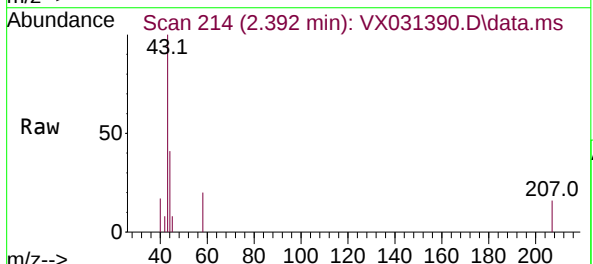
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-418-420

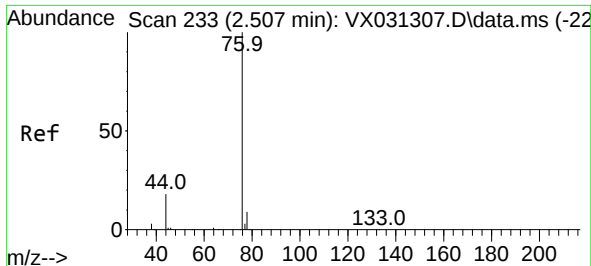
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 1.748 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 20.4 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.953 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX031390.D

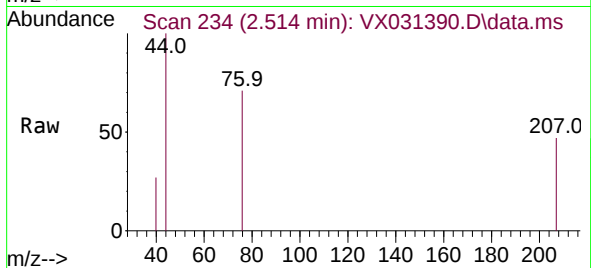
Acq: 16 Sep 2022 06:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-418-420

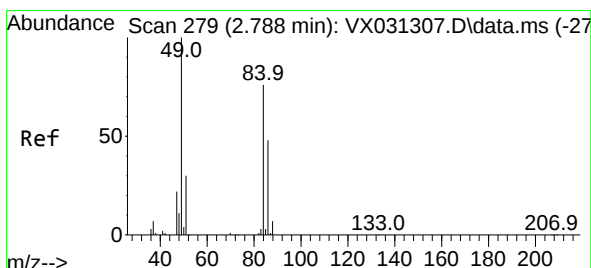
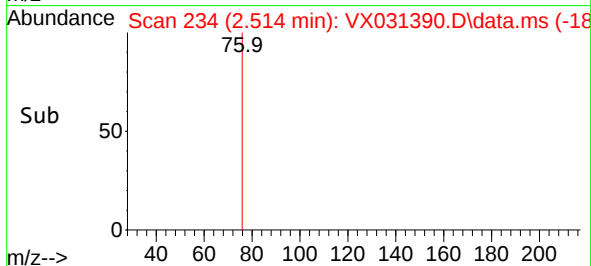
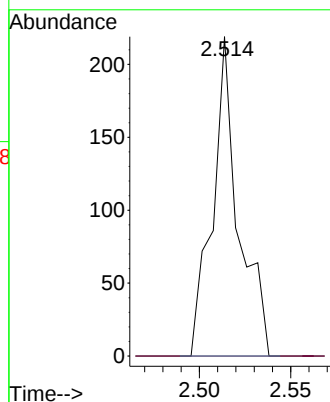


Tgt Ion: 76 Resp: 216

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX031390.D

Acq: 16 Sep 2022 06:35

Tgt Ion: 84 Resp: 92

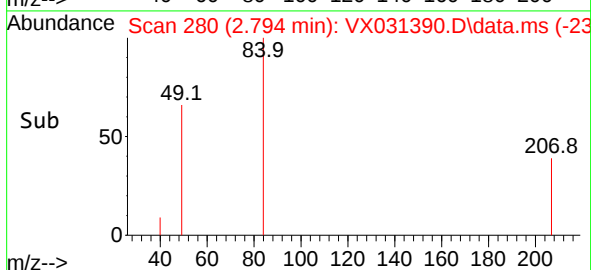
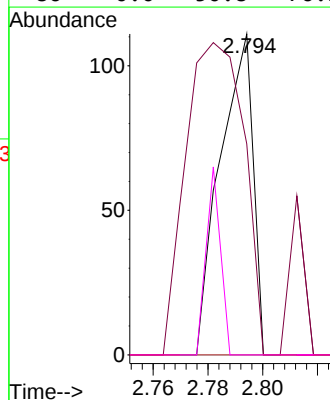
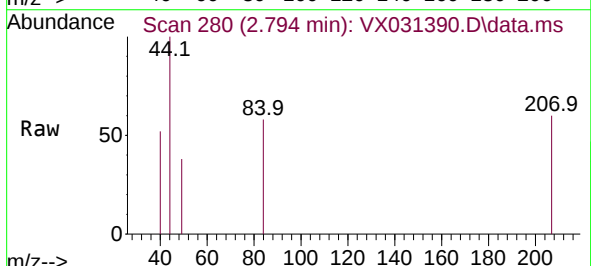
Ion Ratio Lower Upper

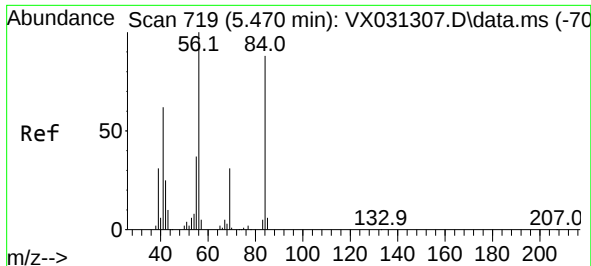
84 100

49 65.8 105.9 158.9#

51 0.0 32.2 48.2#

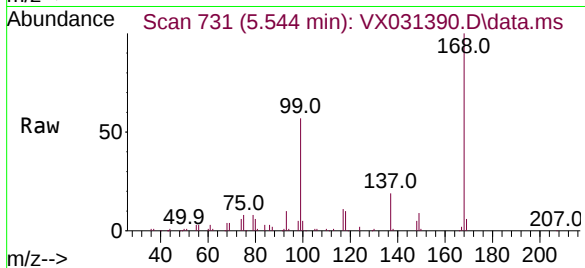
86 0.0 50.8 76.2#



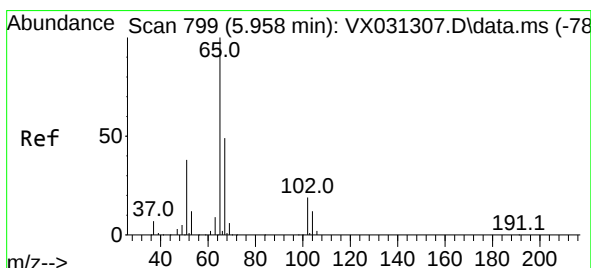
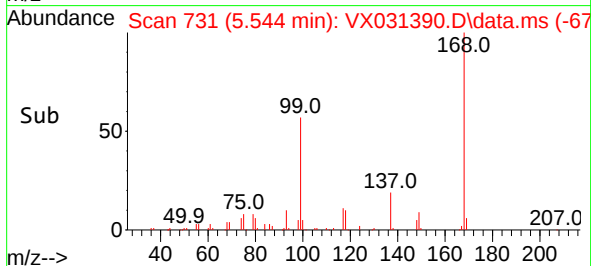
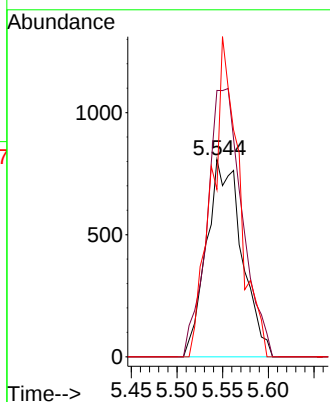


#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-418-420

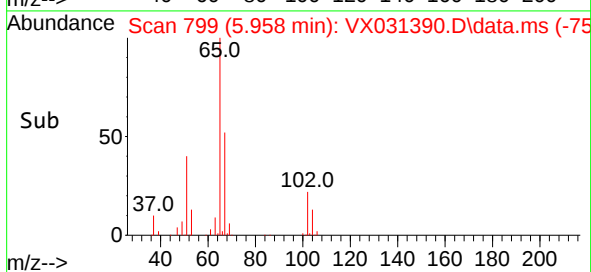
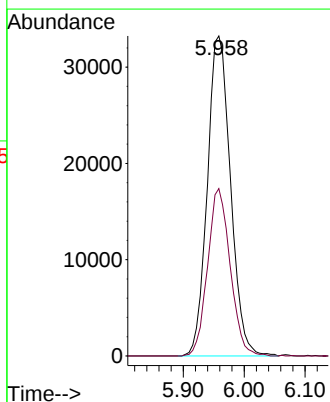
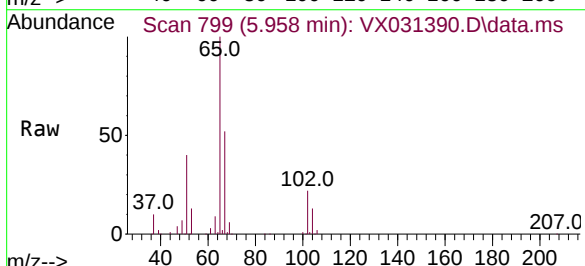


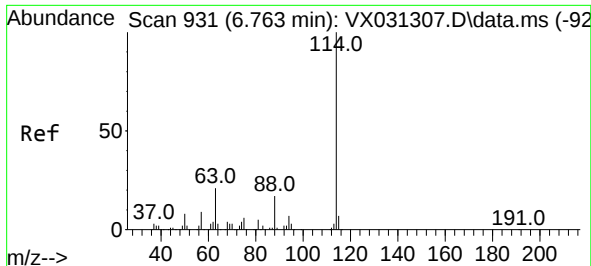
Tgt Ion: 56 Resp: 2173
Ion Ratio Lower Upper
56 100
69 135.0 25.1 37.7#
84 84.8 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 41.317 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Tgt Ion: 65 Resp: 88074
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

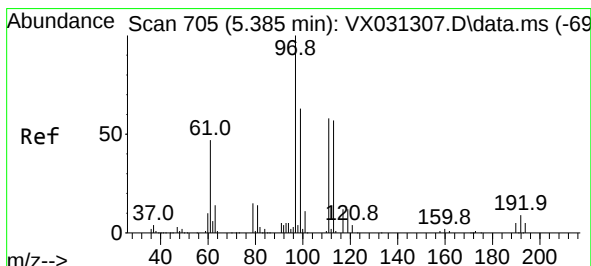
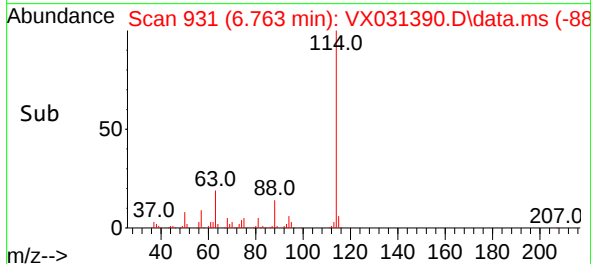
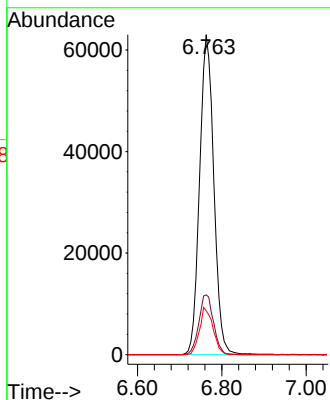
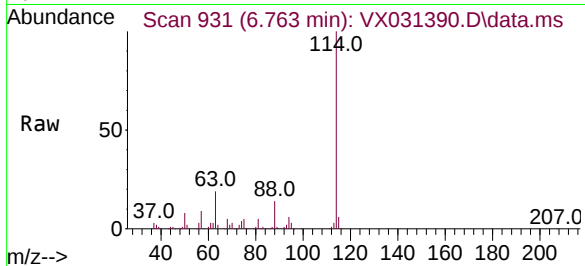




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

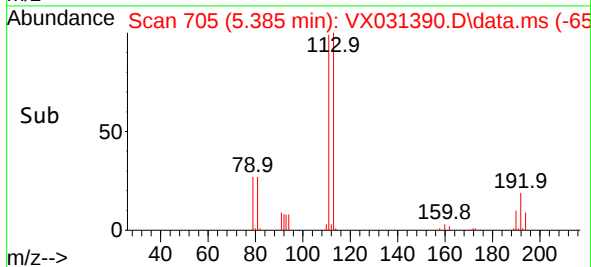
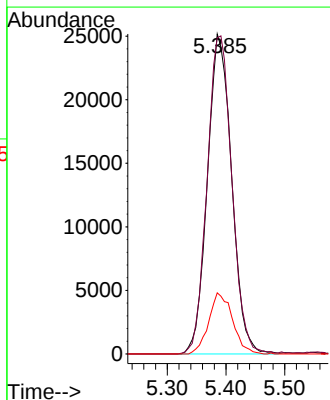
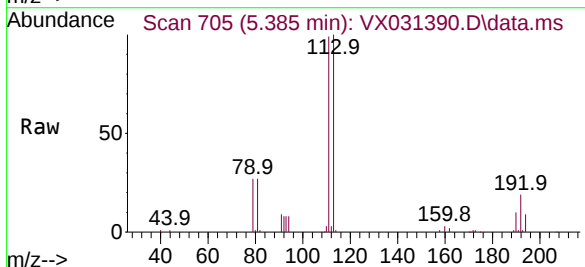
Instrument :
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ClientSampleId :
BP-VPB-RW5-GW-418-420

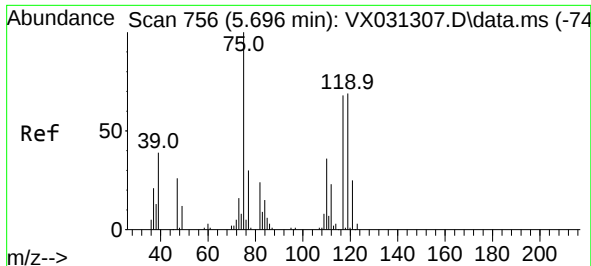
Tgt Ion:114 Resp: 147957
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.6
88 13.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.330 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Tgt Ion:113 Resp: 72094
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 18.8 14.1 21.1

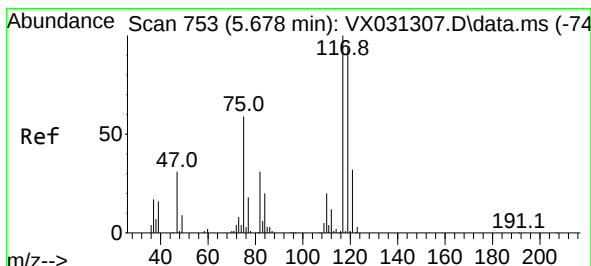
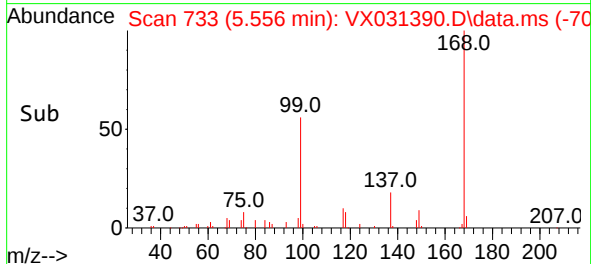
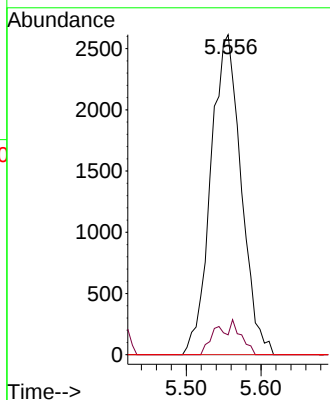
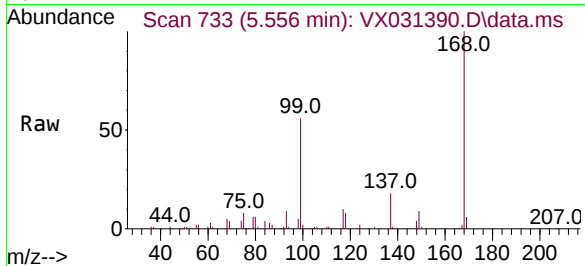




#36
1,1-Dichloropropene
Concen: 3.388 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

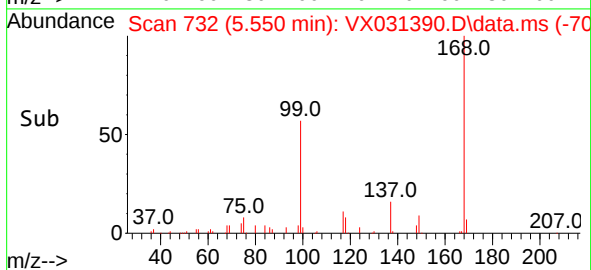
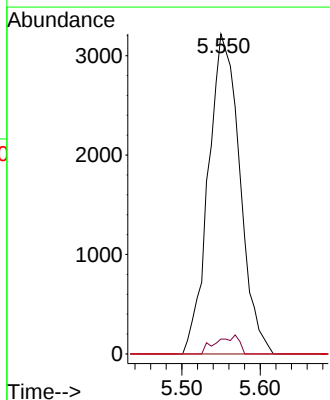
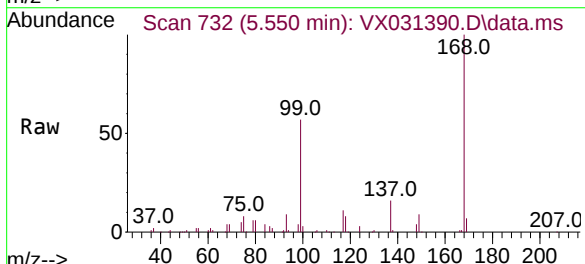
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-418-420

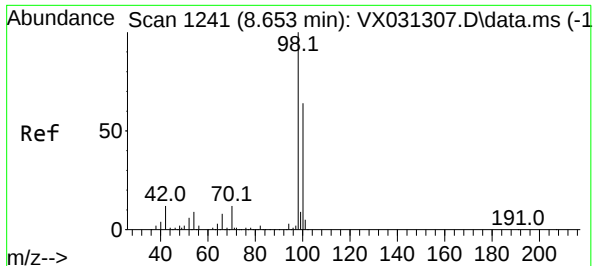
Tgt Ion: 75 Resp: 7376
Ion Ratio Lower Upper
75 100
110 4.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.786 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Tgt Ion: 117 Resp: 8959
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#

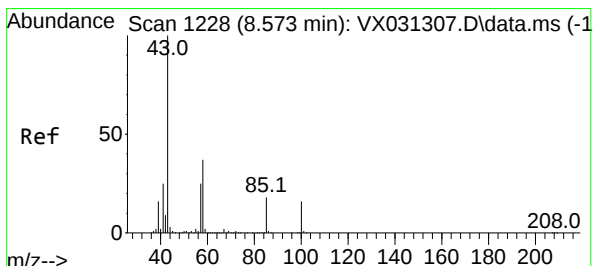
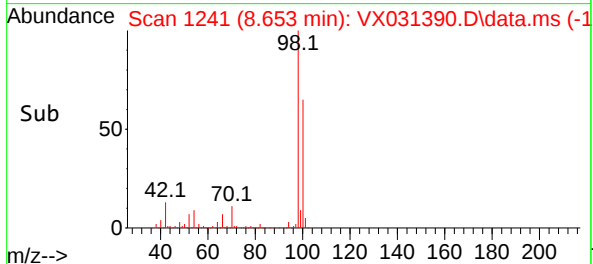
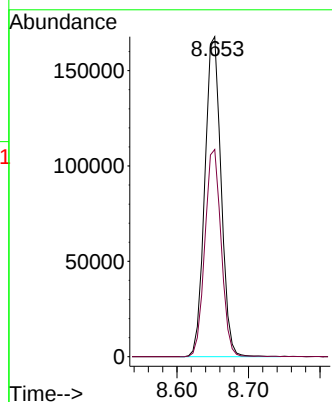
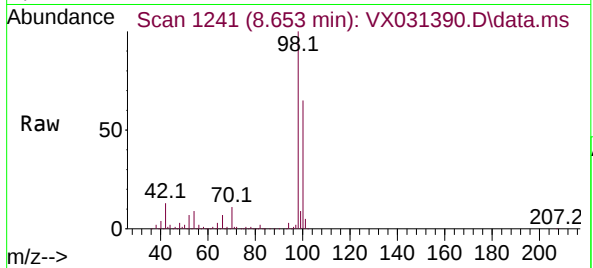




#50
Toluene-d8
Concen: 44.448 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

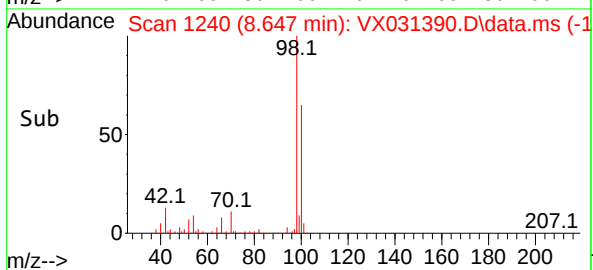
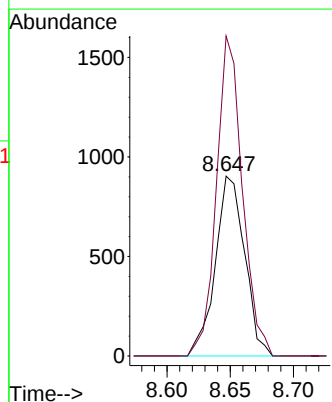
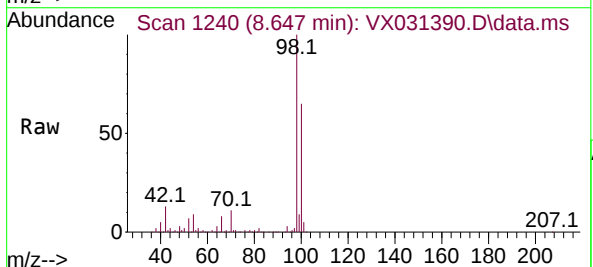
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-418-420

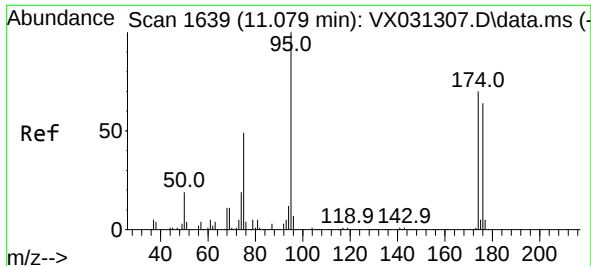
Tgt Ion: 98 Resp: 265171
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 157.3 30.6 46.0#

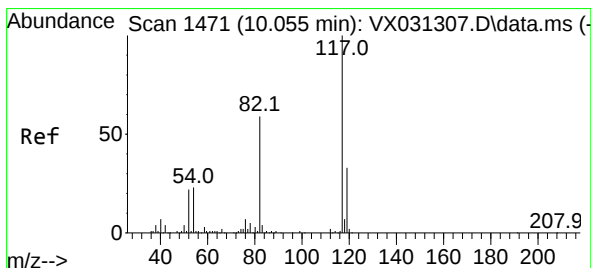
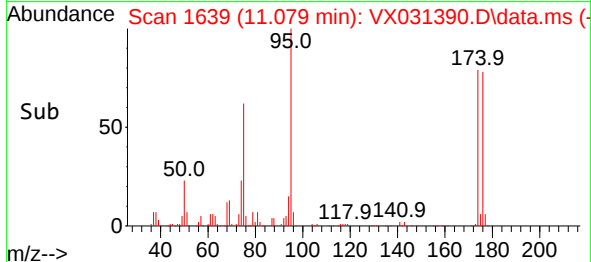
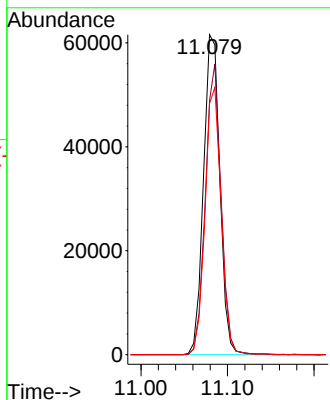
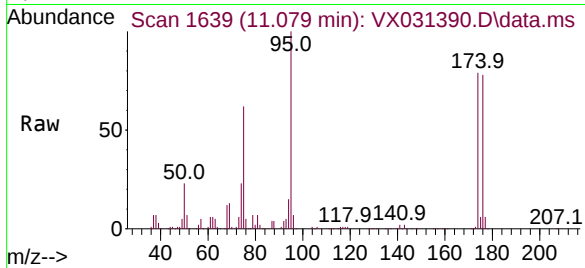




#62
4-Bromofluorobenzene
Concen: 36.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

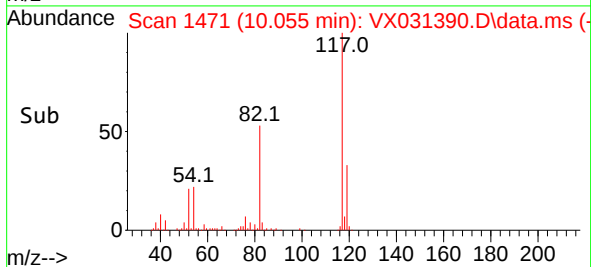
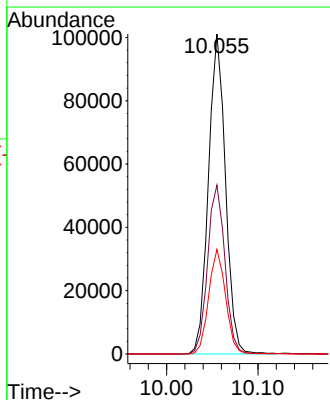
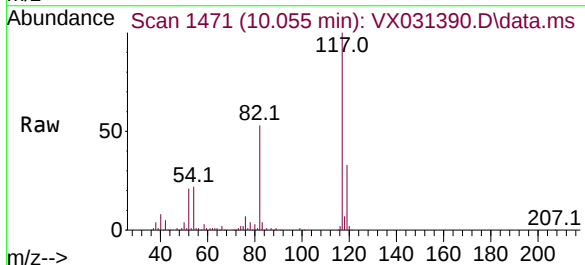
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-418-420

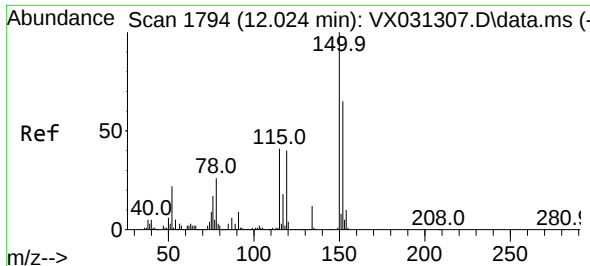
Tgt Ion: 95 Resp: 80627
Ion Ratio Lower Upper
95 100
174 87.5 0.0 153.2
176 82.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031390.D
Acq: 16 Sep 2022 06:35

Tgt Ion: 117 Resp: 130564
Ion Ratio Lower Upper
117 100
82 52.8 46.8 70.2
119 32.6 26.4 39.6

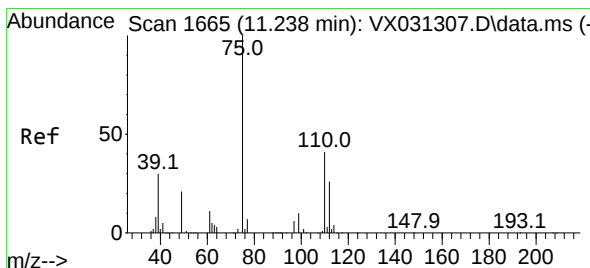
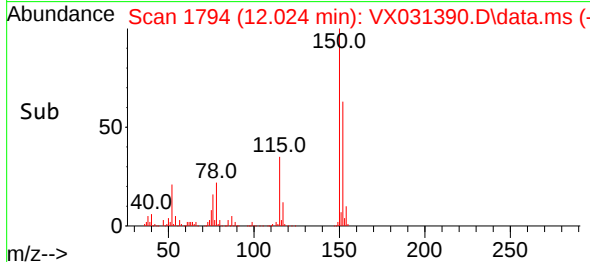
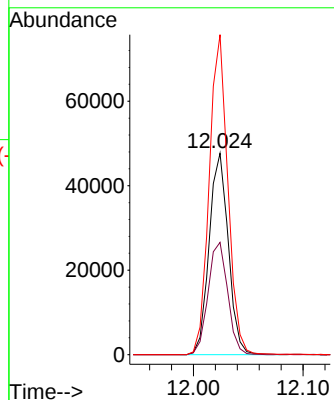
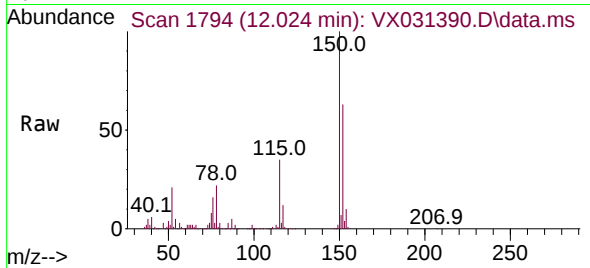




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031390.D
 Acq: 16 Sep 2022 06:35

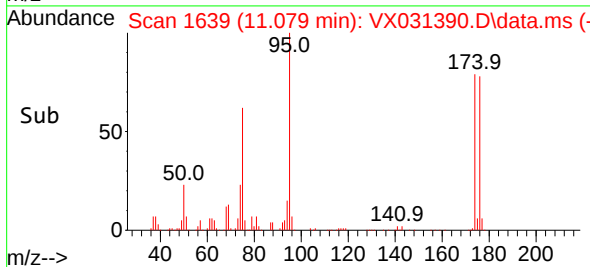
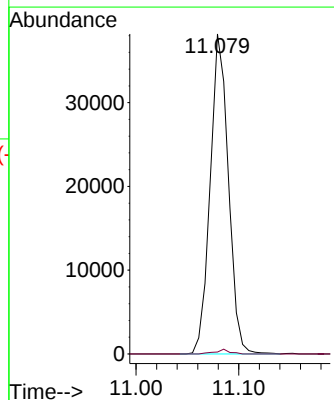
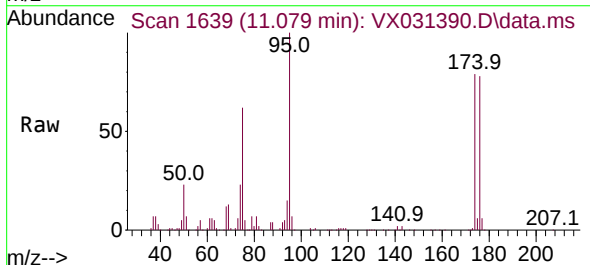
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-418-420

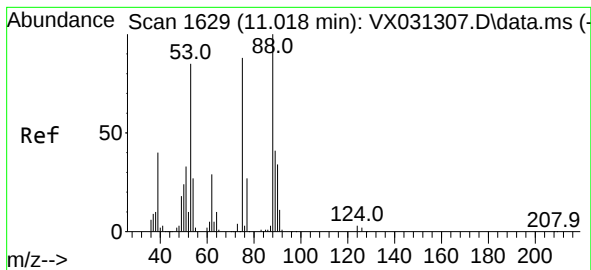
Tgt Ion:152 Resp: 57860
 Ion Ratio Lower Upper
 152 100
 115 57.1 43.4 130.1
 150 154.3 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 32.286 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031390.D
 Acq: 16 Sep 2022 06:35

Tgt Ion: 75 Resp: 47076
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.337 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031390.D
 Acq: 16 Sep 2022 06:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-418-420

Tgt Ion: 75 Resp: 47076
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

