

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031388.D
 Acq On : 16 Sep 2022 05:49
 Operator : JC/MD
 Sample : N4626-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-378-380

Quant Time: Sep 16 08:48:19 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)

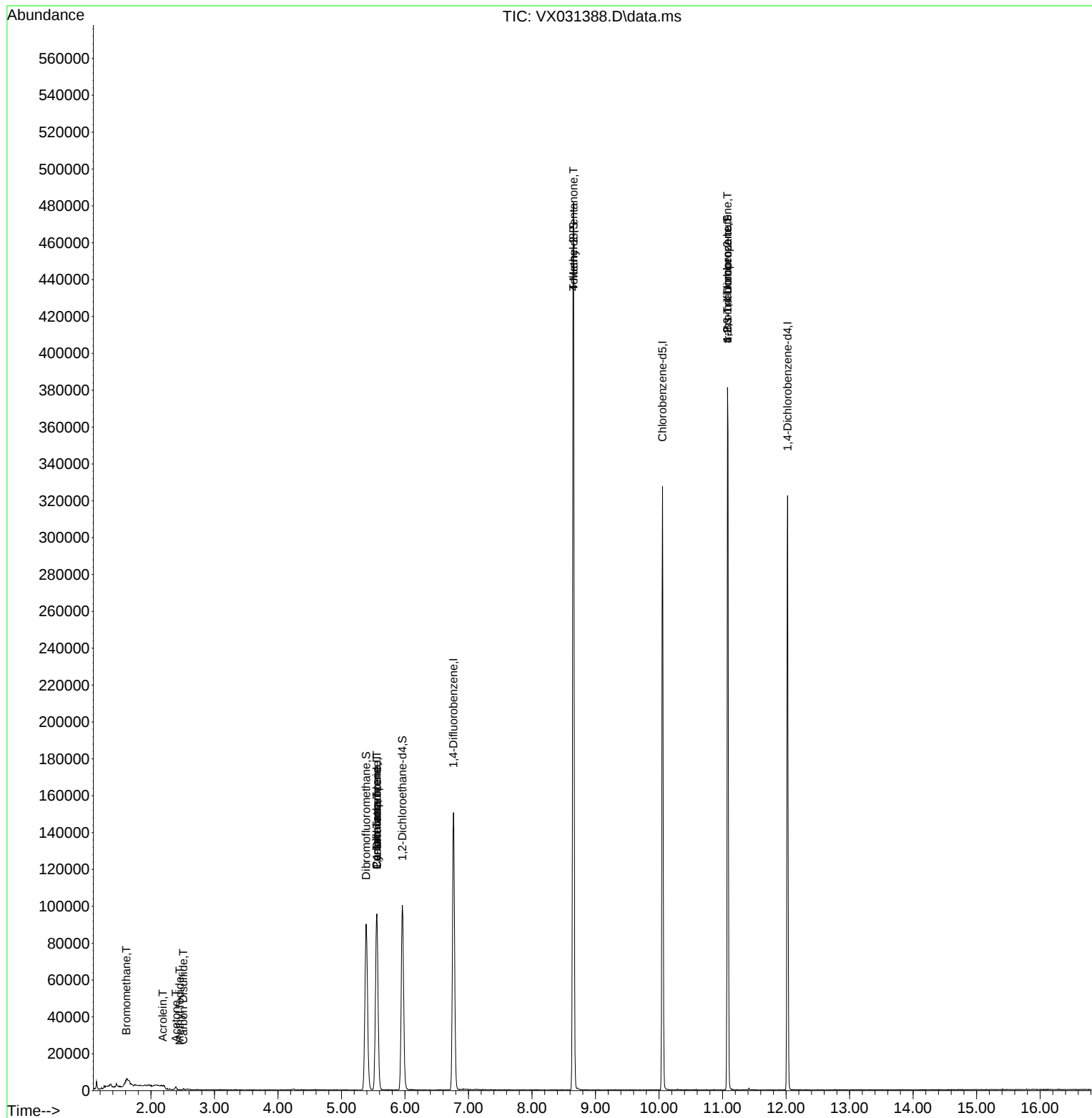
Internal Standards						
1) Pentafluorobenzene	5.556	168	90982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89511	40.082	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.160%
35) Dibromofluoromethane	5.385	113	74686	45.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.320%
50) Toluene-d8	8.653	98	280366	45.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.380%
62) 4-Bromofluorobenzene	11.079	95	87020	38.728	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.460%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	215	Below Cal		96
5) Bromomethane	1.611	94	362	0.304	ug/l	99
10) Methyl Iodide	2.453	142	24	0.925	ug/l #	38
13) Acrolein	2.184	56	101	0.392	ug/l #	1
16) Acetone	2.392	43	1825	1.914	ug/l	95
17) Carbon Disulfide	2.508	76	639	1.086	ug/l #	75
21) trans-1,2-Dichloroethene	3.093	96	18	Below Cal	#	1
31) Cyclohexane	5.556	56	2449	1.021	ug/l #	66
36) 1,1-Dichloropropene	5.556	75	7138	3.188	ug/l #	46
38) Carbon Tetrachloride	5.556	117	9066	3.725	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1473	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50294	31.678	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50294	87.654	ug/l #	11

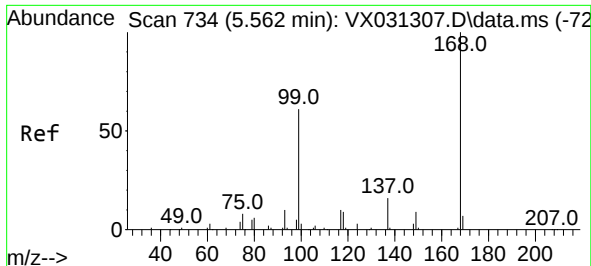
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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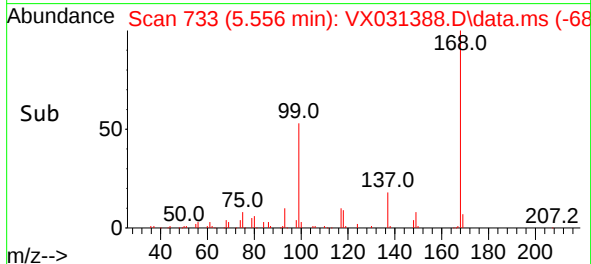
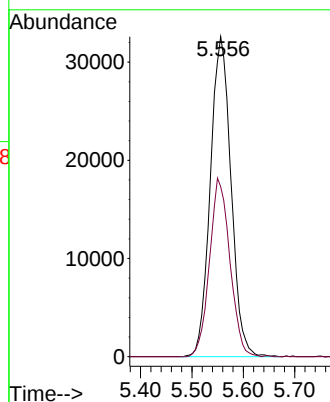
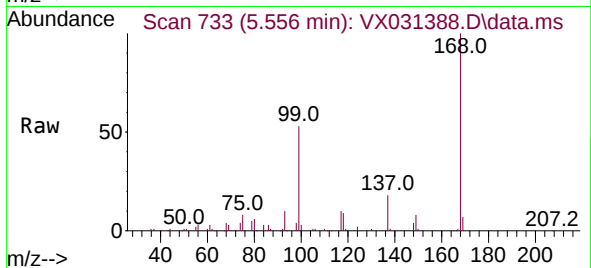




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

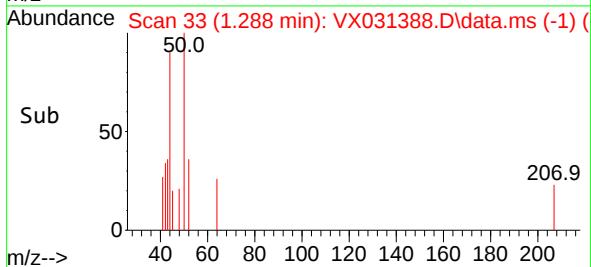
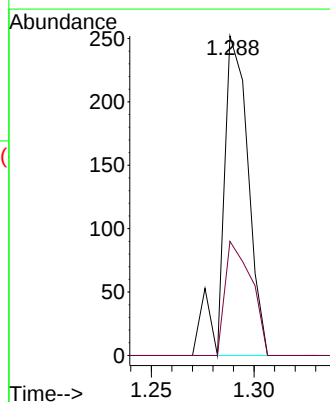
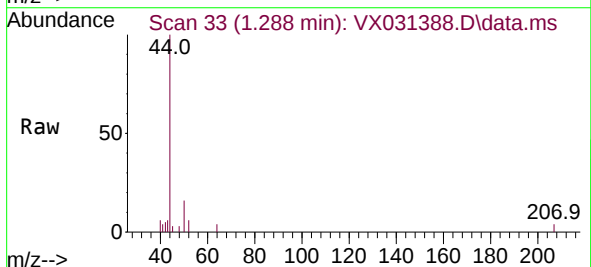
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-378-380

Tgt Ion:168 Resp: 90982
Ion Ratio Lower Upper
168 100
99 53.1 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

Tgt Ion: 50 Resp: 215
Ion Ratio Lower Upper
50 100
52 35.7 26.9 40.3

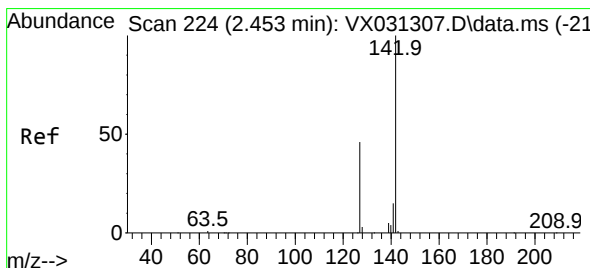
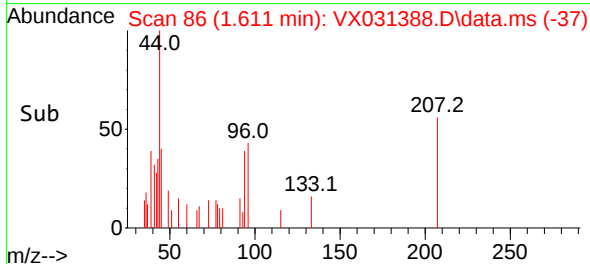
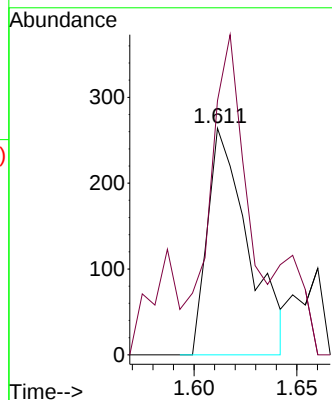
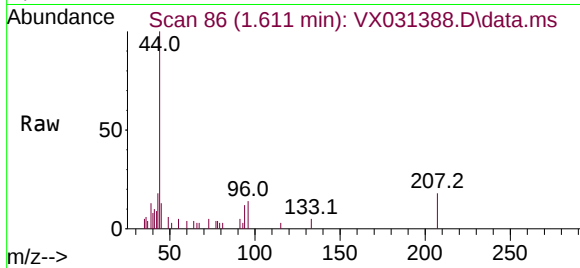




#5
Bromomethane
Concen: 0.304 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

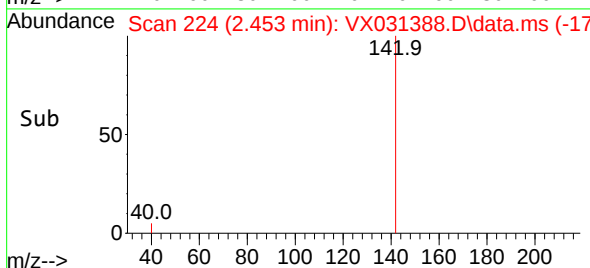
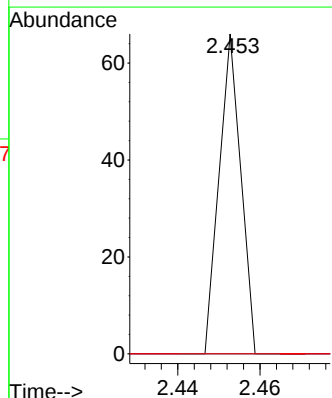
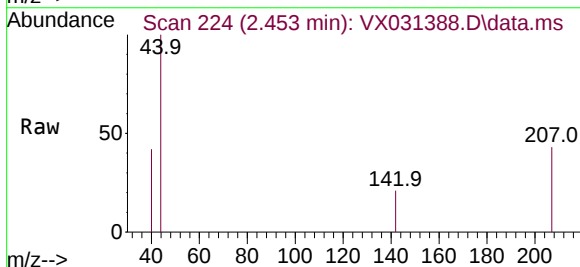
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-378-380

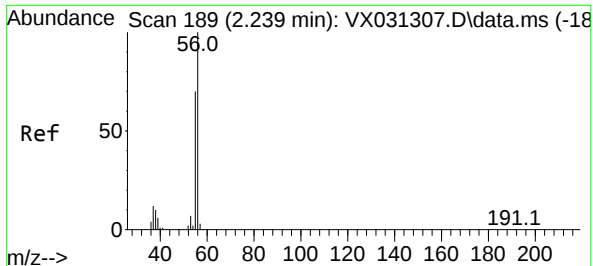
Tgt Ion: 94 Resp: 362
Ion Ratio Lower Upper
94 100
96 92.0 74.4 111.6



#10
Methyl Iodide
Concen: 0.925 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

Tgt Ion: 142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#

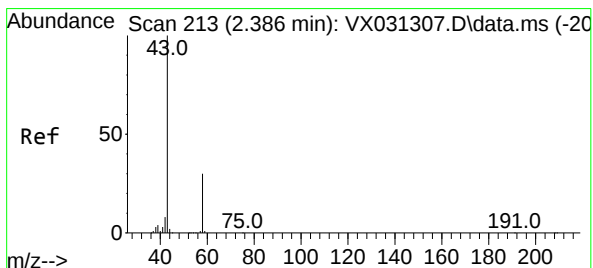
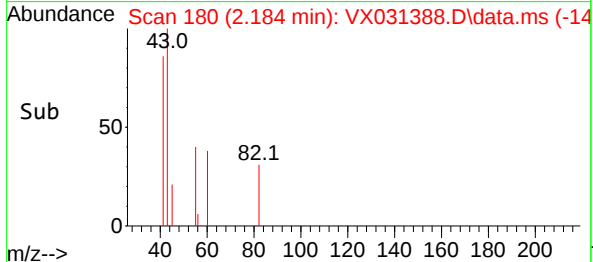
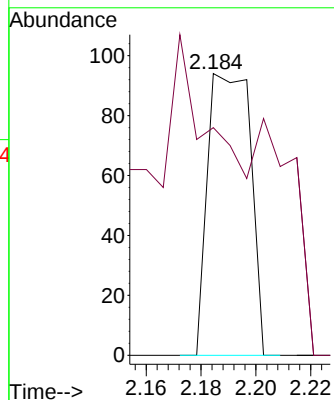
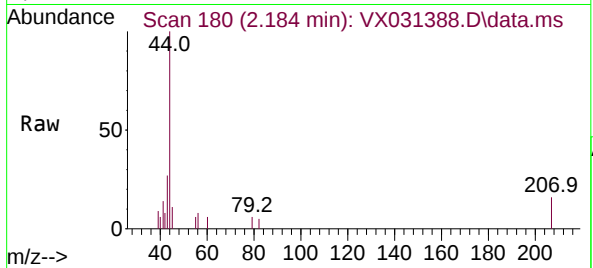




#13
Acrolein
Concen: 0.392 ug/l
RT: 2.184 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

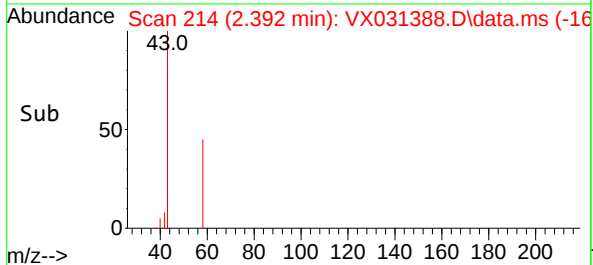
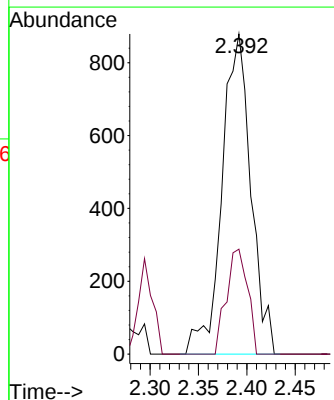
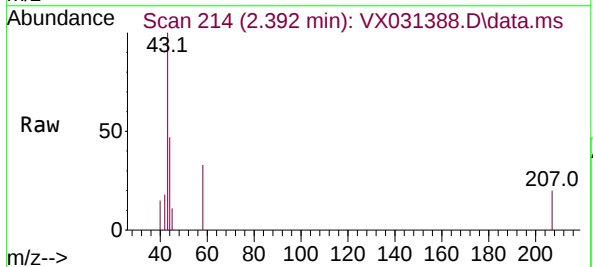
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-378-380

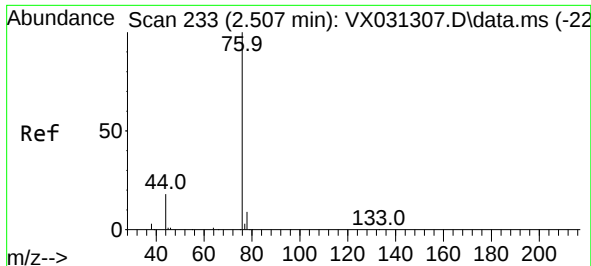
Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 205.0 56.0 84.0#



#16
Acetone
Concen: 1.914 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
58 32.8 23.8 35.8





#17

Carbon Disulfide

Concen: 1.086 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX031388.D

Acq: 16 Sep 2022 05:49

Instrument :

MSVOA_X

ClientSampleId :

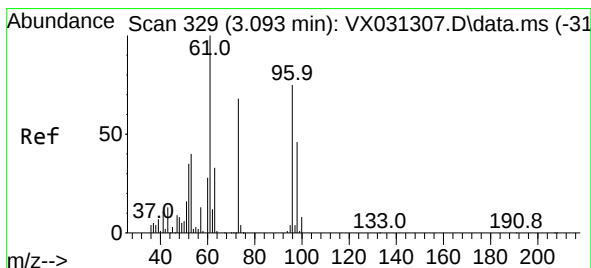
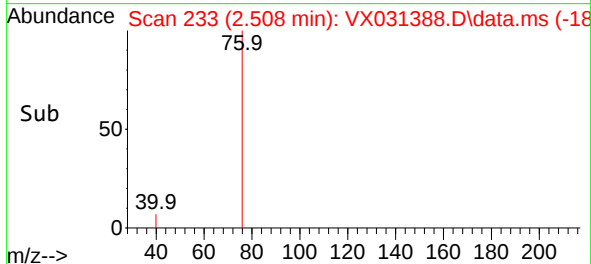
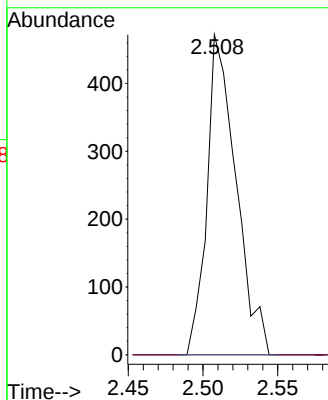
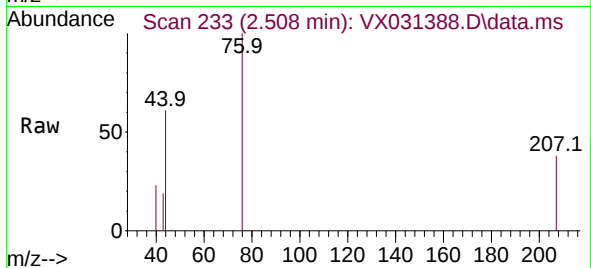
BP-VPB-RW5-GW-378-380

Tgt Ion: 76 Resp: 639

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX031388.D

Acq: 16 Sep 2022 05:49

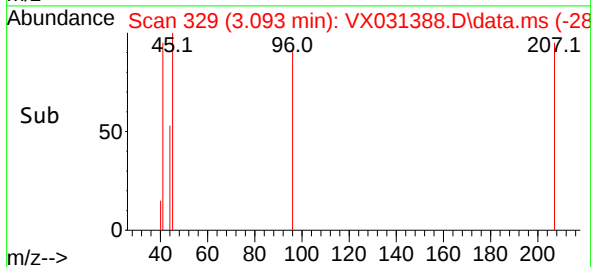
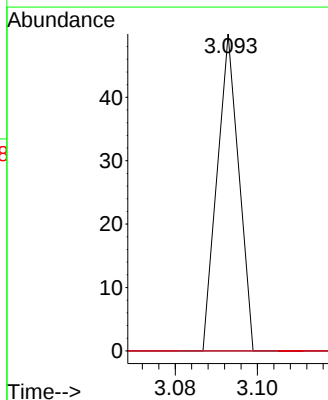
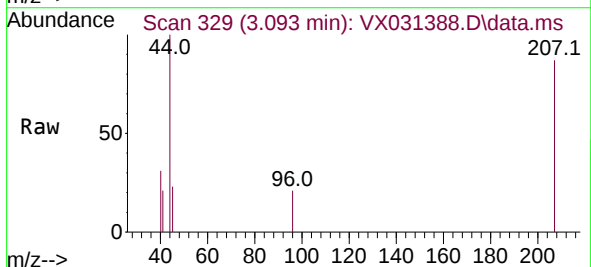
Tgt Ion: 96 Resp: 18

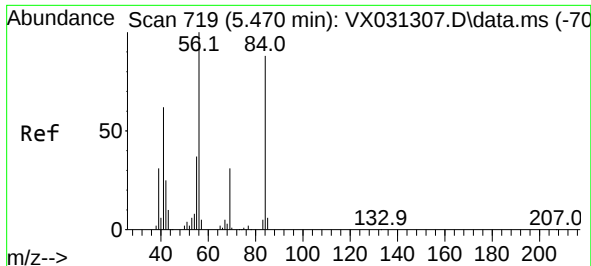
Ion Ratio Lower Upper

96 100

61 0.0 106.7 160.1#

98 0.0 48.7 73.1#

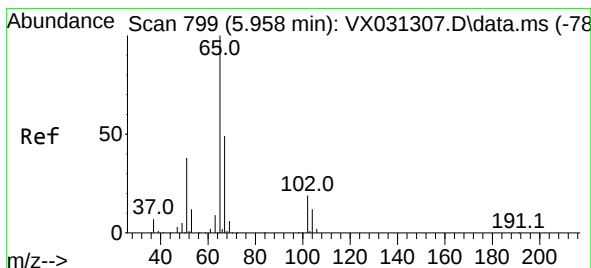
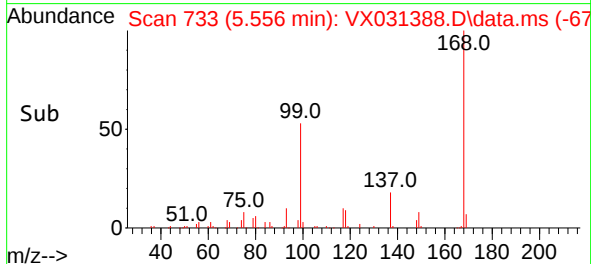
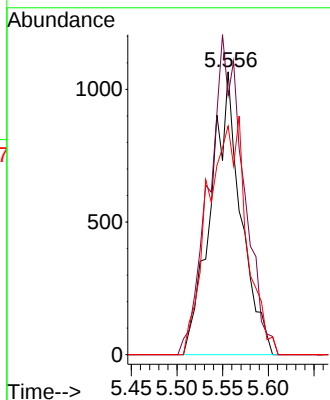
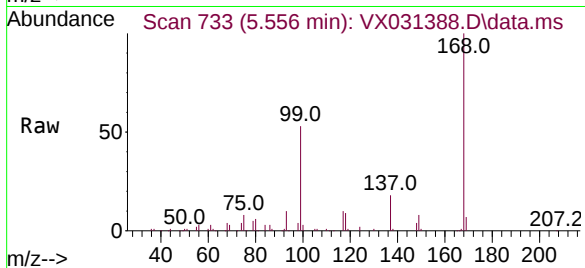




#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

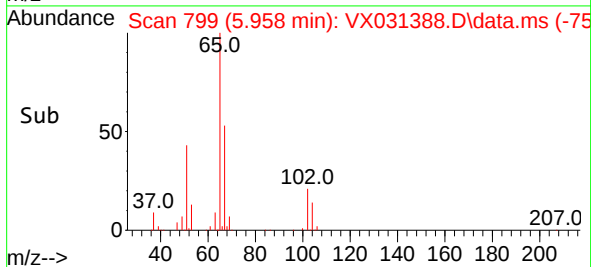
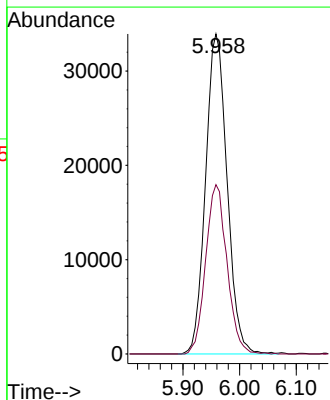
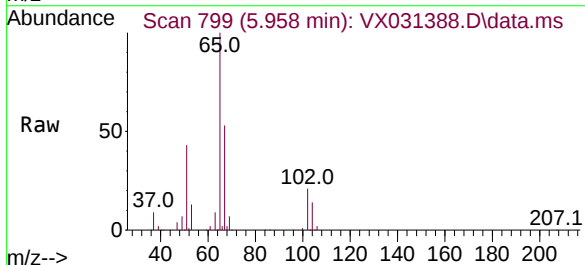
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-378-380

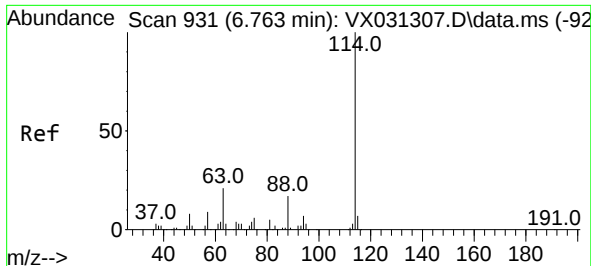
Tgt Ion: 56 Resp: 2449
Ion Ratio Lower Upper
56 100
69 91.7 25.1 37.7#
84 80.9 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 40.082 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

Tgt Ion: 65 Resp: 89511
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

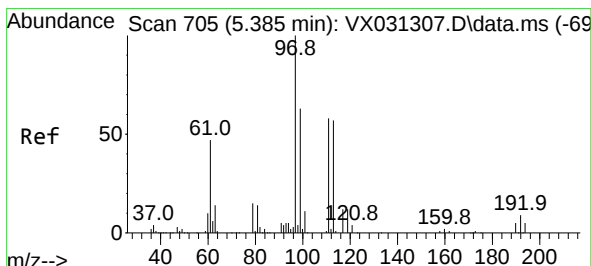
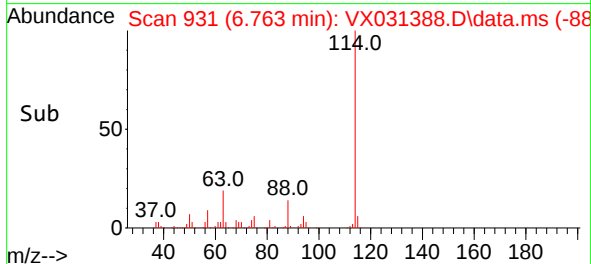
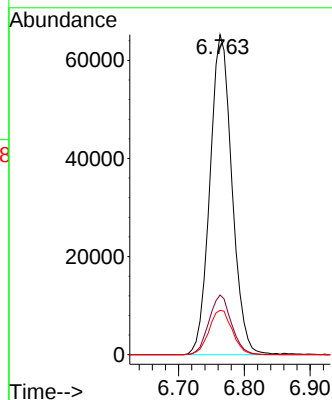
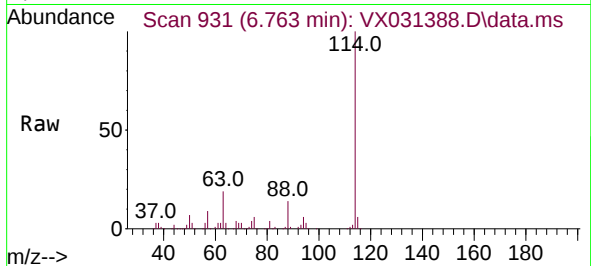




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

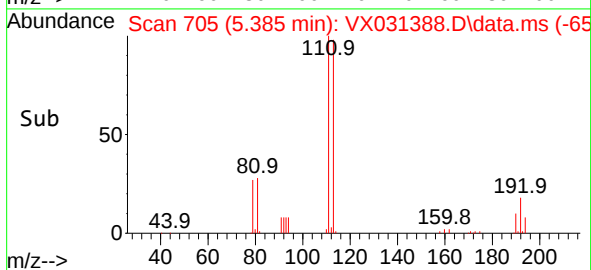
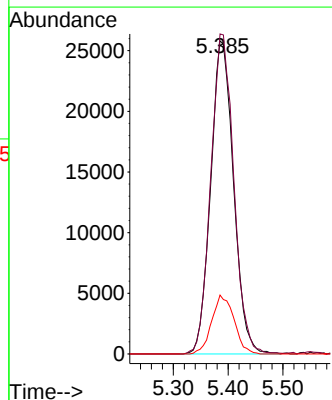
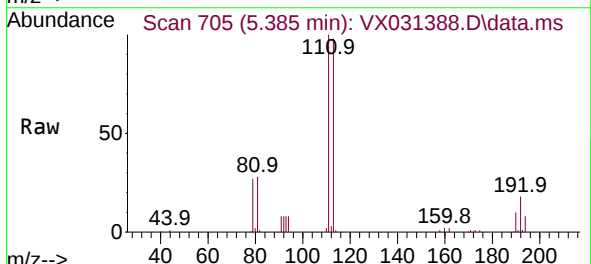
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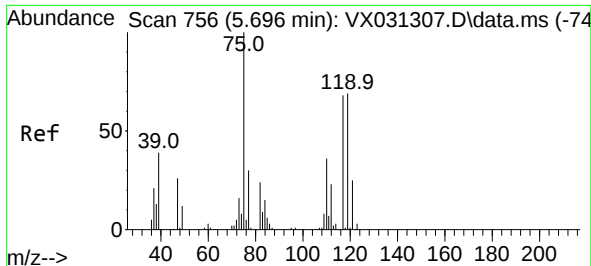
Tgt Ion:114 Resp: 152175
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.6
88 13.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.658 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

Tgt Ion:113 Resp: 74686
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 18.3 14.1 21.1

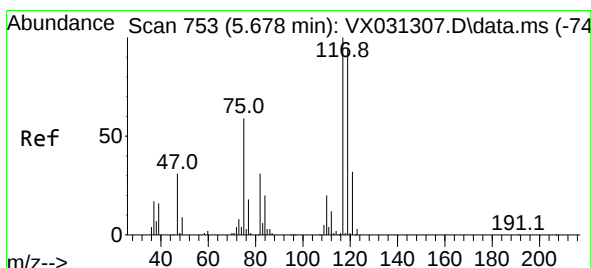
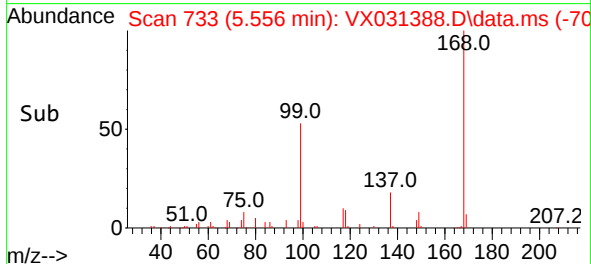
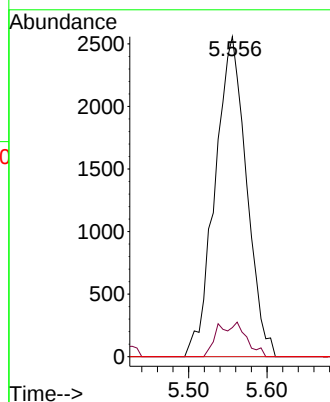
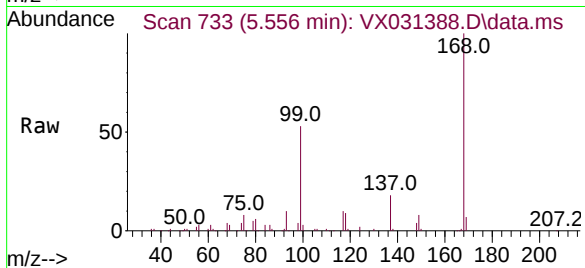




#36
1,1-Dichloropropene
Concen: 3.188 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

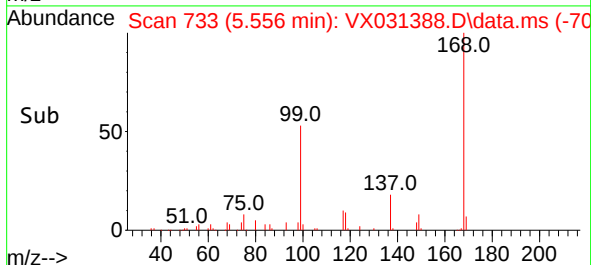
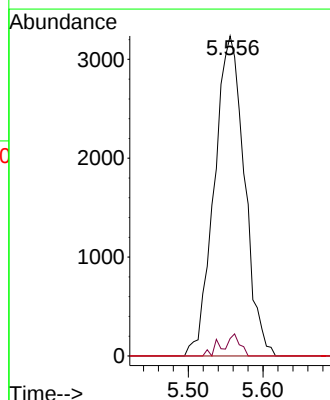
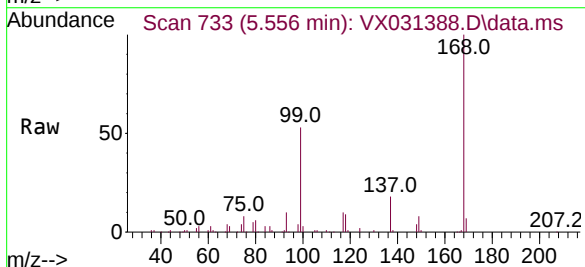
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-378-380

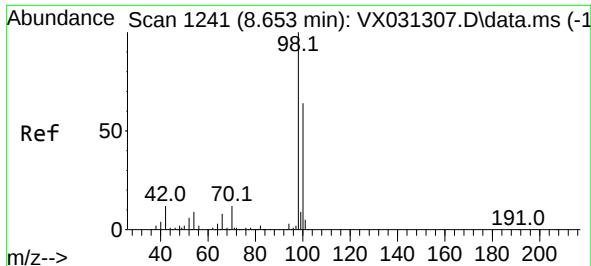
Tgt Ion: 75 Resp: 7138
Ion Ratio Lower Upper
75 100
110 4.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.725 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

Tgt Ion: 117 Resp: 9066
Ion Ratio Lower Upper
117 100
119 5.5 74.6 112.0#
121 0.0 25.3 37.9#

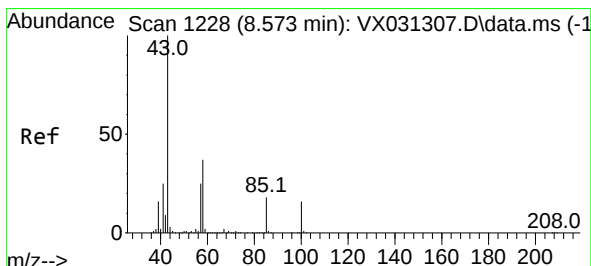
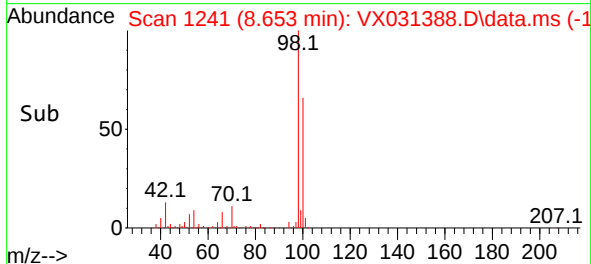
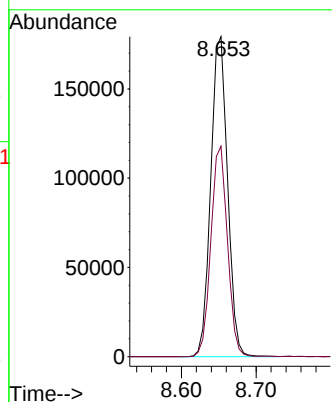
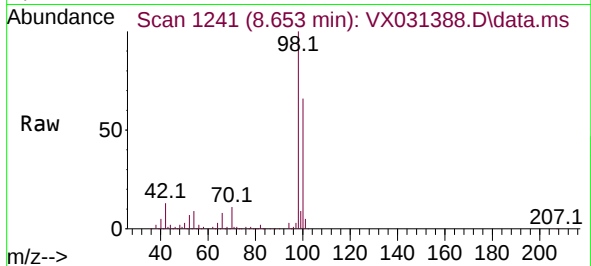




#50
Toluene-d8
Concen: 45.692 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

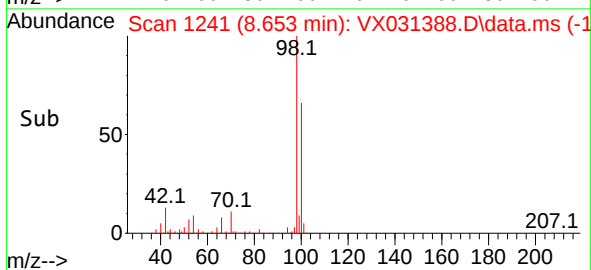
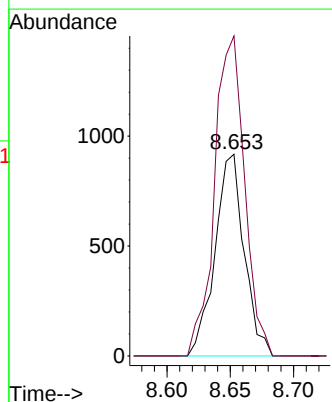
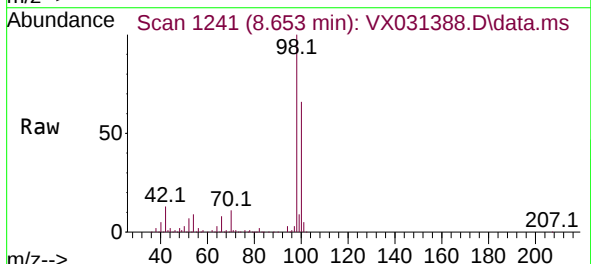
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-378-380

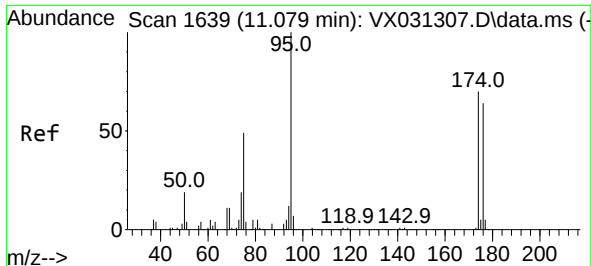
Tgt Ion: 98 Resp: 280366
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.483 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 163.1 30.6 46.0#

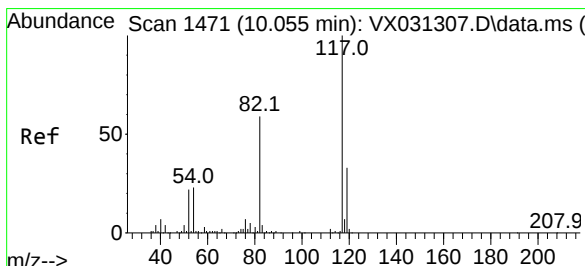
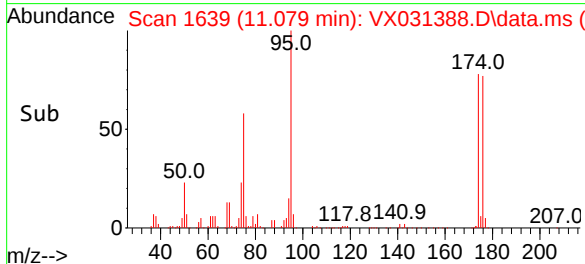
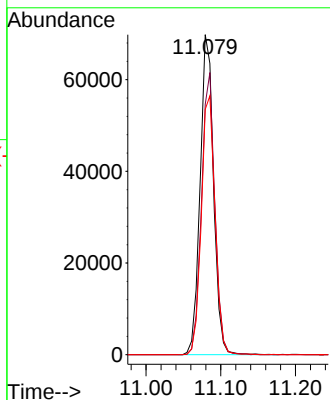
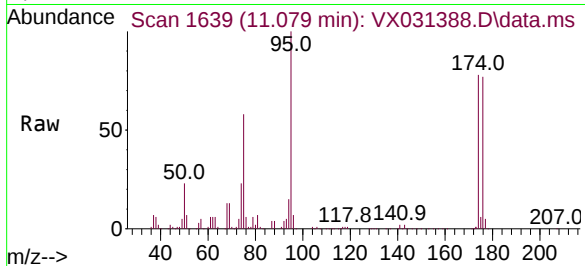




#62
4-Bromofluorobenzene
Concen: 38.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

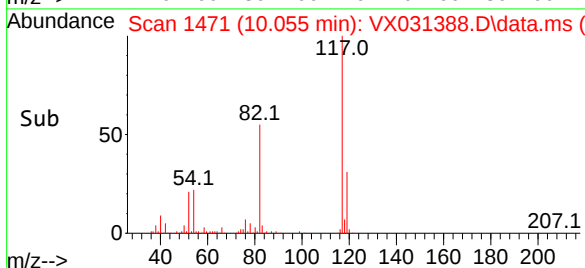
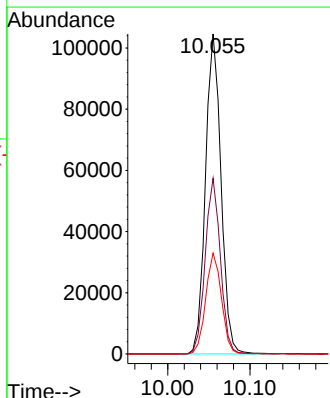
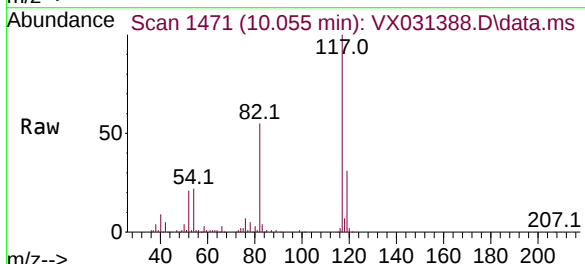
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-378-380

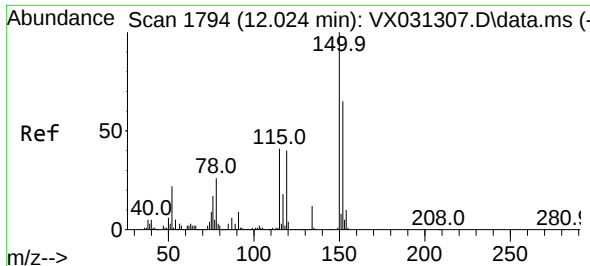
Tgt Ion: 95 Resp: 87020
Ion Ratio Lower Upper
95 100
174 87.5 0.0 153.2
176 83.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031388.D
Acq: 16 Sep 2022 05:49

Tgt Ion: 117 Resp: 137178
Ion Ratio Lower Upper
117 100
82 54.9 46.8 70.2
119 31.5 26.4 39.6

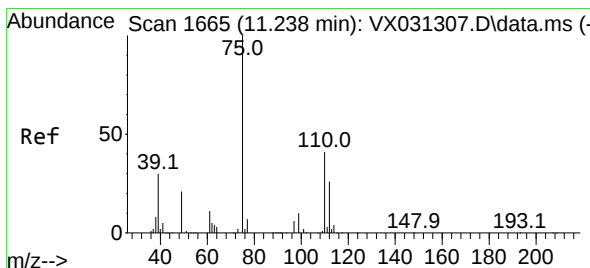
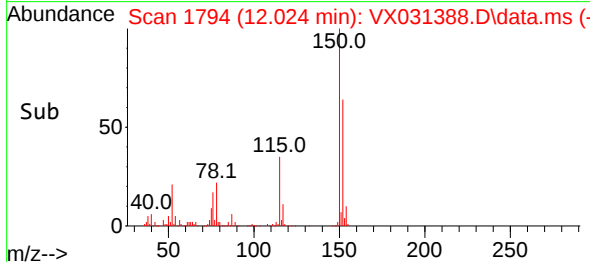
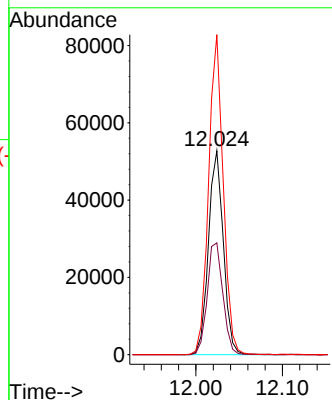
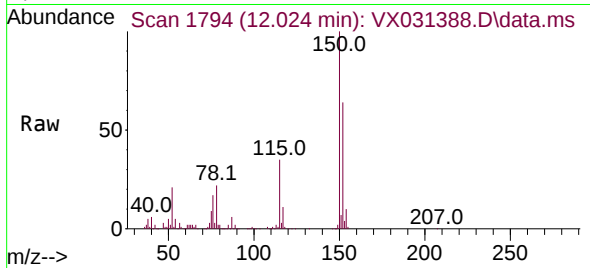




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031388.D
 Acq: 16 Sep 2022 05:49

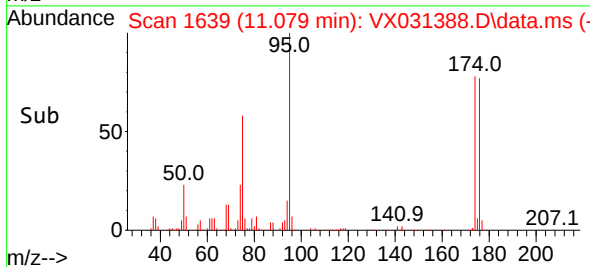
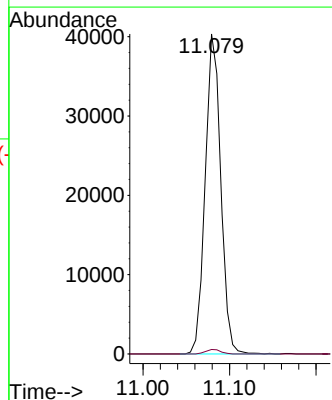
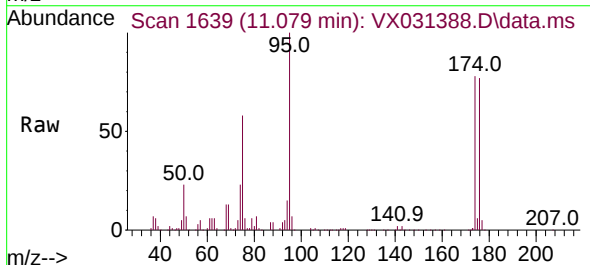
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-378-380

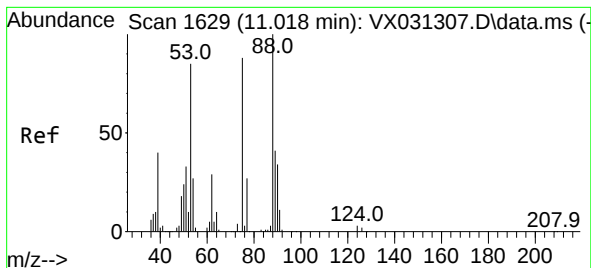
Tgt Ion:152 Resp: 63002
 Ion Ratio Lower Upper
 152 100
 115 57.6 43.4 130.1
 150 153.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 31.678 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031388.D
 Acq: 16 Sep 2022 05:49

Tgt Ion: 75 Resp: 50294
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.3 60.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 87.654 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX031388.D

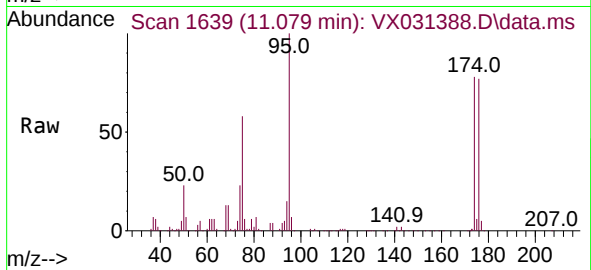
Acq: 16 Sep 2022 05:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-378-380



Tgt Ion: 75 Resp: 50294

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.4 56.0#

