

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031391.D
 Acq On : 16 Sep 2022 06:59
 Operator : JC/MD
 Sample : N4626-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-EB-20220913

Quant Time: Sep 16 08:49:04 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)

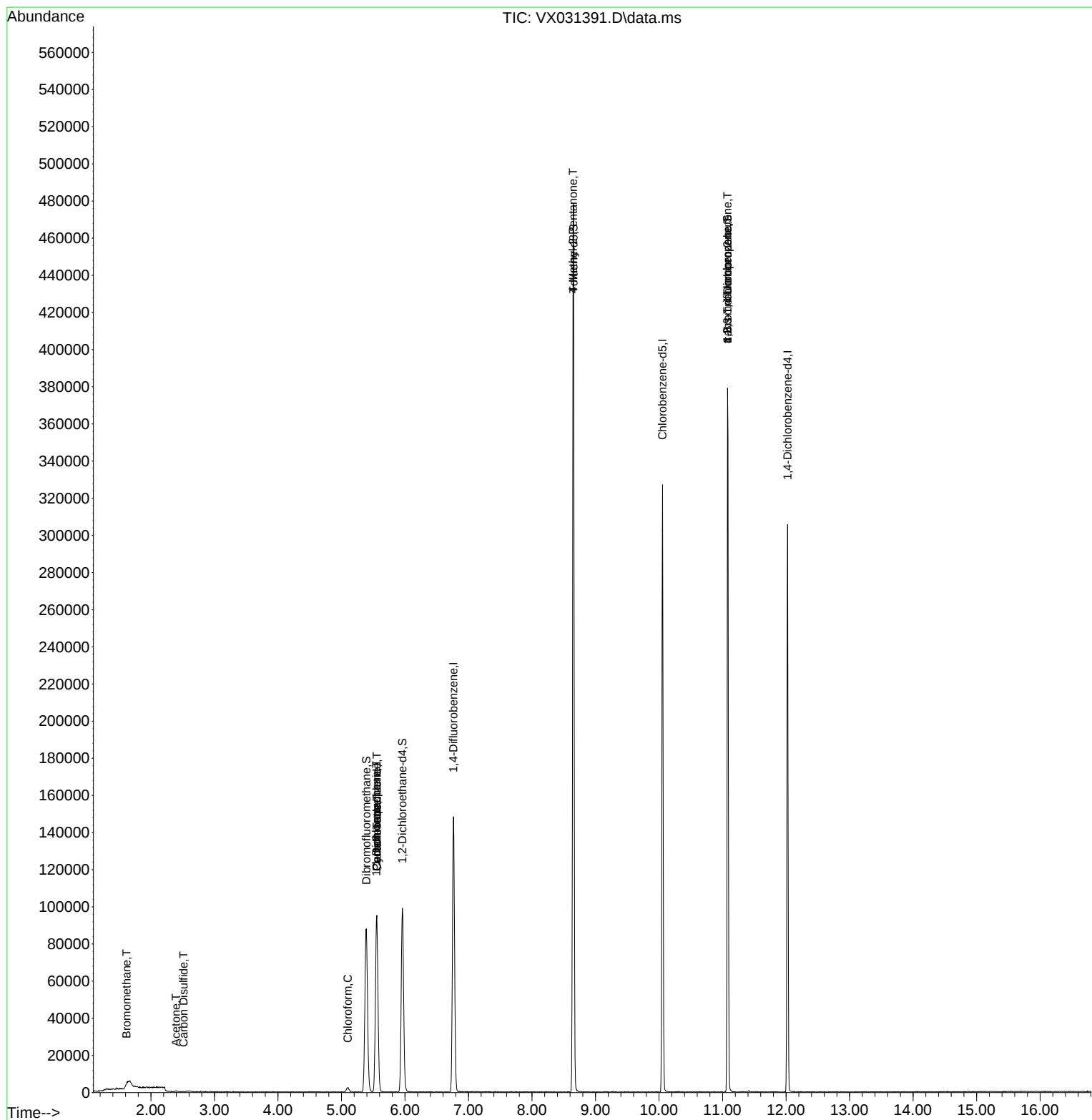
Internal Standards						
1) Pentafluorobenzene	5.556	168	88449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88811	40.908	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.820%		
35) Dibromofluoromethane	5.391	113	72697	45.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.880%		
50) Toluene-d8	8.653	98	277523	46.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.480%		
62) 4-Bromofluorobenzene	11.079	95	86997	39.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.160%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	131	Below Cal	#	84
5) Bromomethane	1.618	94	402	0.347	ug/l #	64
11) Tert butyl alcohol	2.953	59	182	Below Cal	#	73
16) Acetone	2.392	43	620	0.669	ug/l #	81
17) Carbon Disulfide	2.514	76	67	0.902	ug/l #	75
20) Methylene Chloride	2.800	84	176	Below Cal	#	53
30) Chloroform	5.099	83	2839	0.895	ug/l	94
31) Cyclohexane	5.556	56	2194	0.941	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	7321	3.343	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9284	3.900	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1485	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50128	34.446	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50128	95.313	ug/l #	11

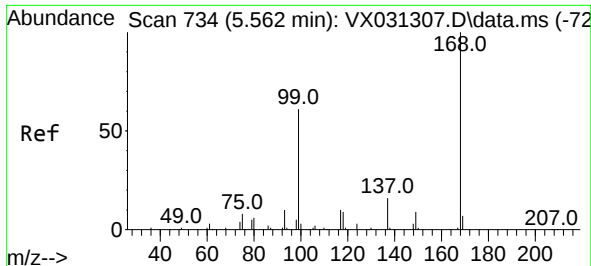
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX031391.D

Acq: 16 Sep 2022 06:59

Instrument :

MSVOA_X

ClientSampleId :

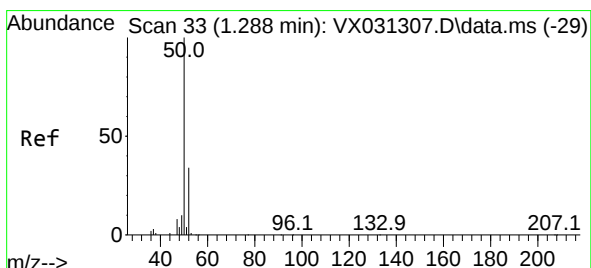
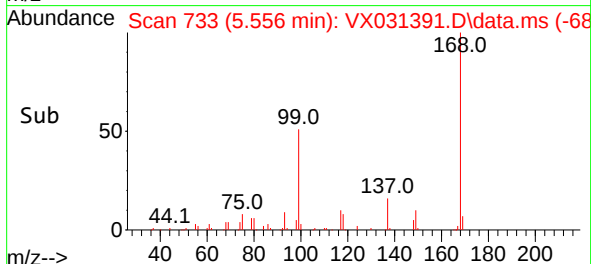
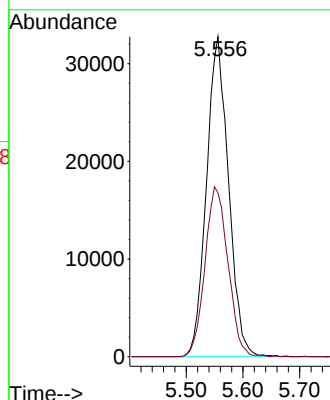
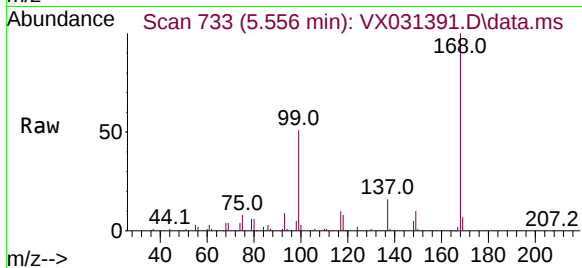
BP-VPB-RW5-EB-20220913

Tgt Ion:168 Resp: 88449

Ion Ratio Lower Upper

168 100

99 51.2 48.8 73.2



#3

Chloromethane

Concen: Below Cal

RT: 1.294 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX031391.D

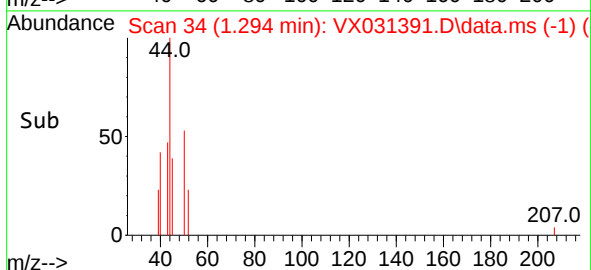
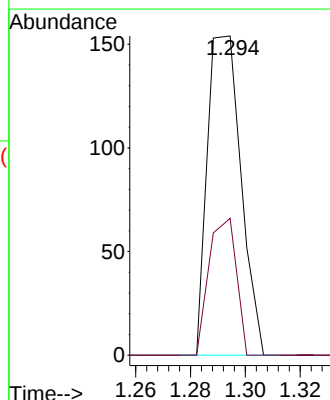
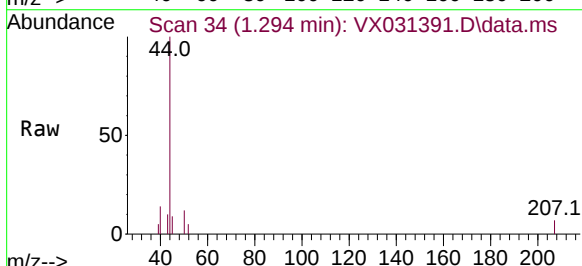
Acq: 16 Sep 2022 06:59

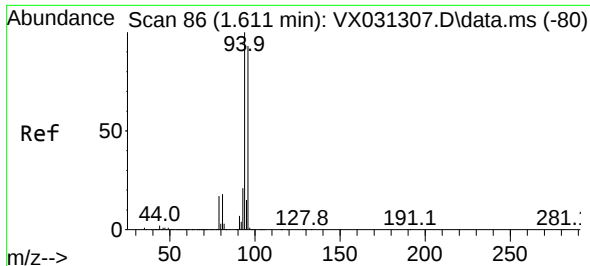
Tgt Ion: 50 Resp: 131

Ion Ratio Lower Upper

50 100

52 42.9 26.9 40.3#

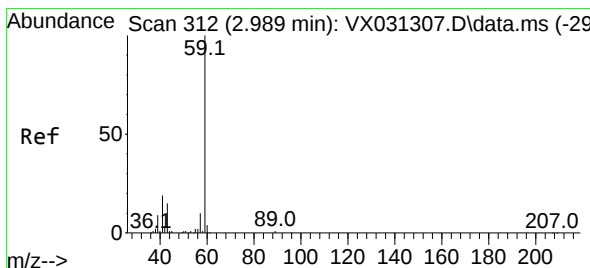
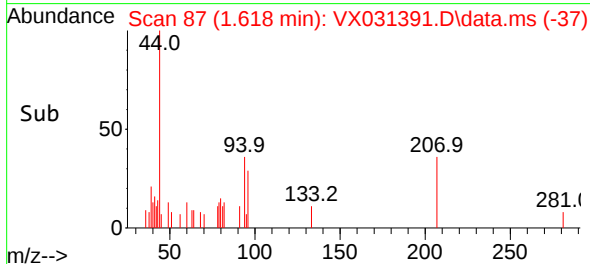
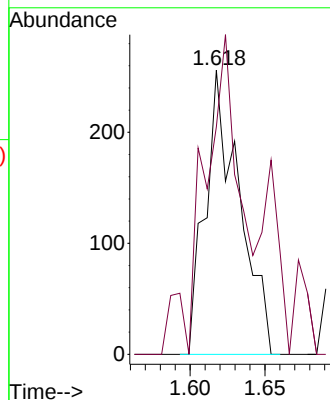
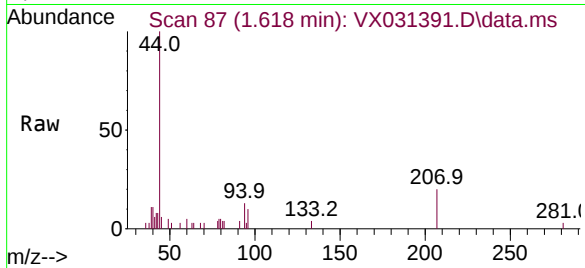




#5
Bromomethane
Concen: 0.347 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

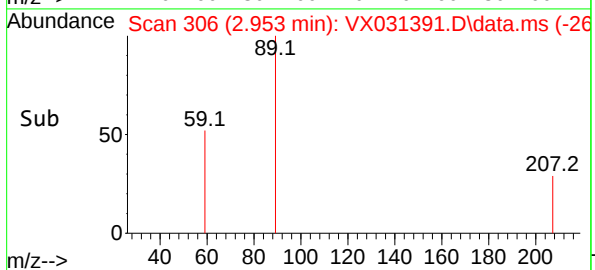
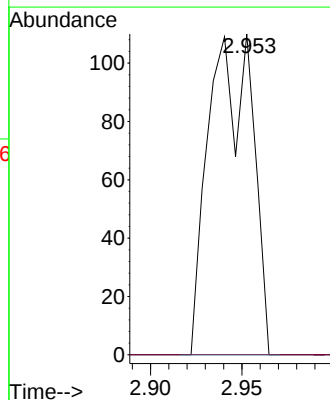
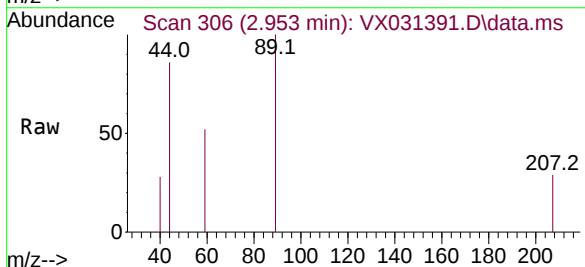
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220913

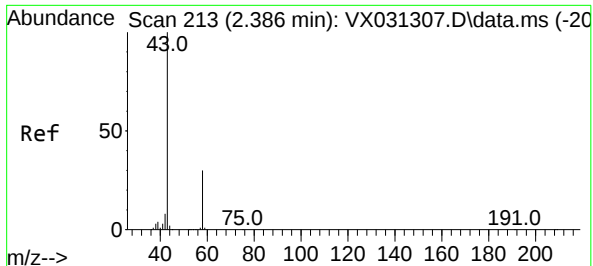
Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 58.6 74.4 111.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

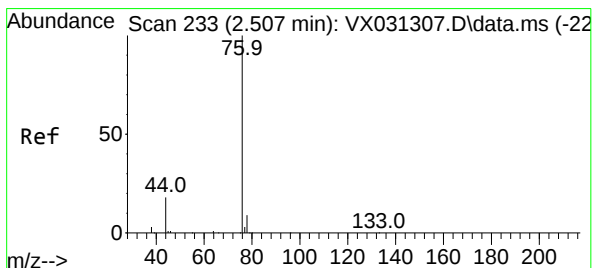
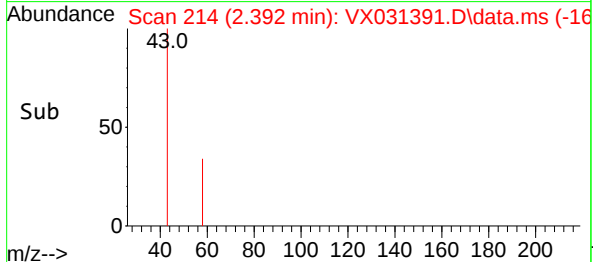
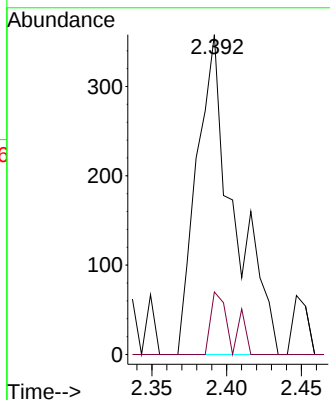
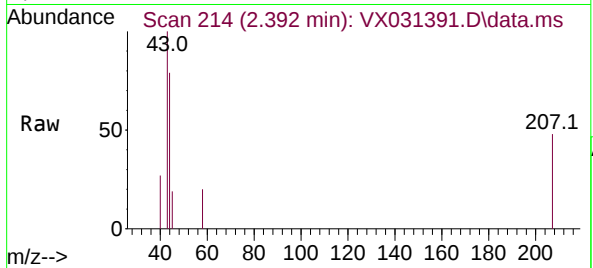




#16
Acetone
Concen: 0.669 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

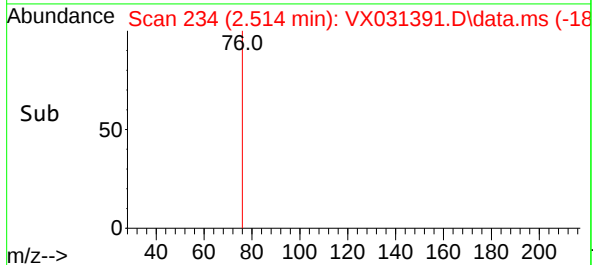
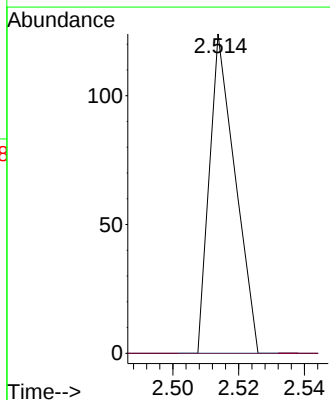
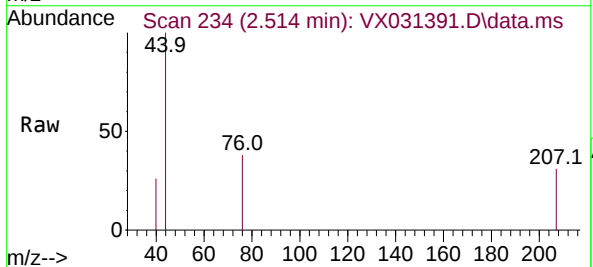
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220913

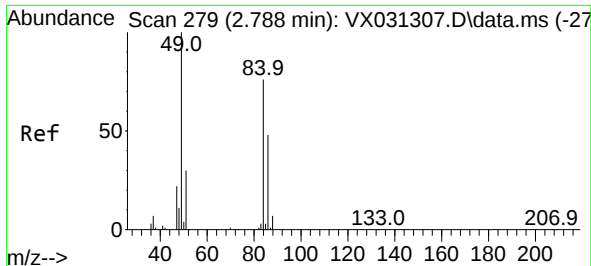
Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 19.6 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.902 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

Tgt Ion: 76 Resp: 67
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

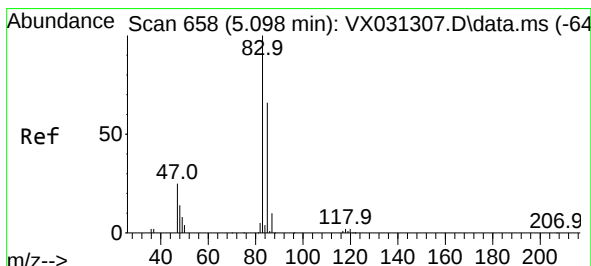
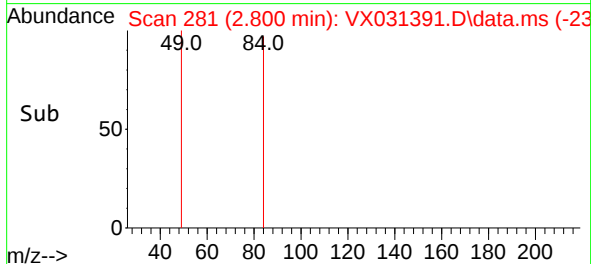
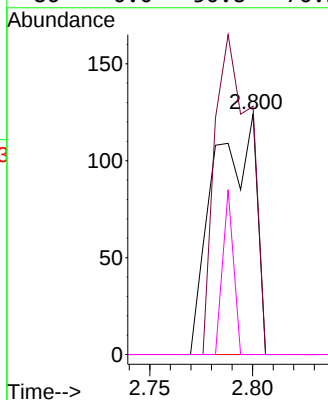
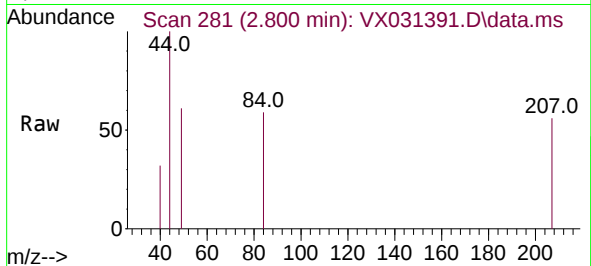




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

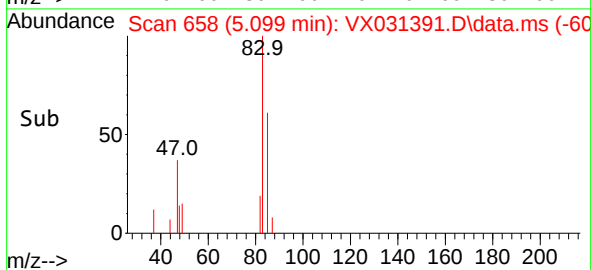
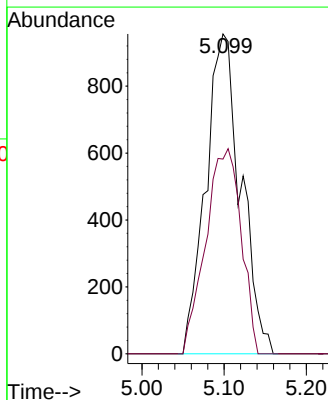
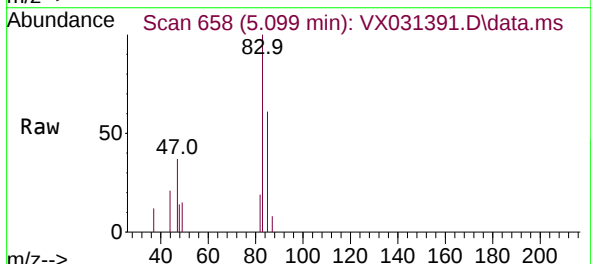
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220913

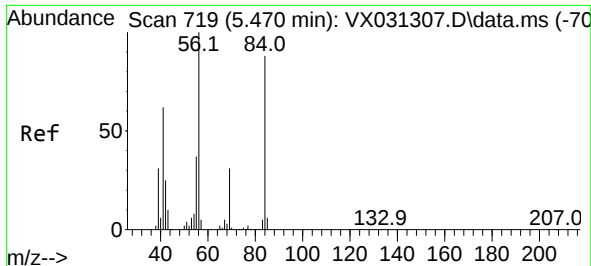
Tgt Ion: 84 Resp: 176
Ion Ratio Lower Upper
84 100
49 103.2 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



#30
Chloroform
Concen: 0.895 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

Tgt Ion: 83 Resp: 2839
Ion Ratio Lower Upper
83 100
85 60.9 52.8 79.2

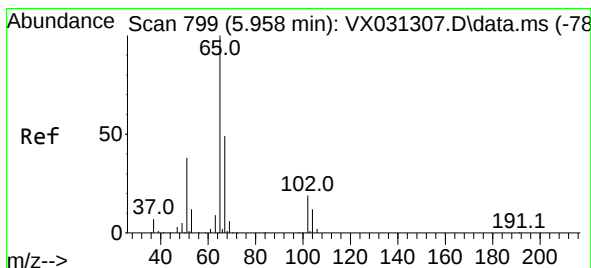
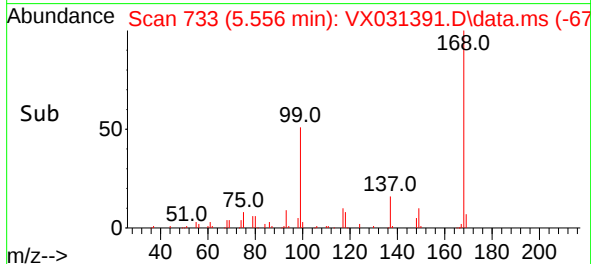
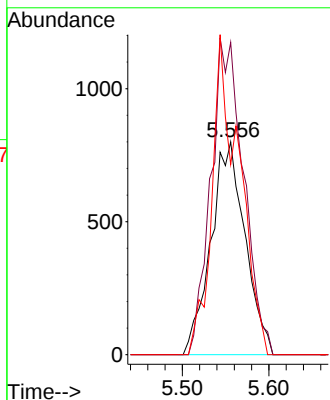
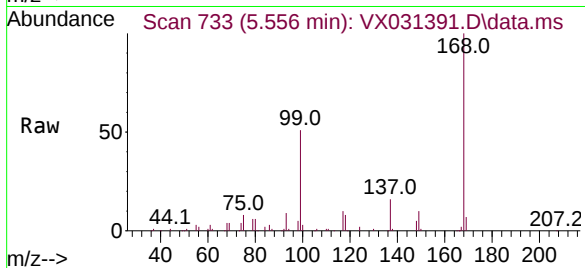




#31
Cyclohexane
Concen: 0.941 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

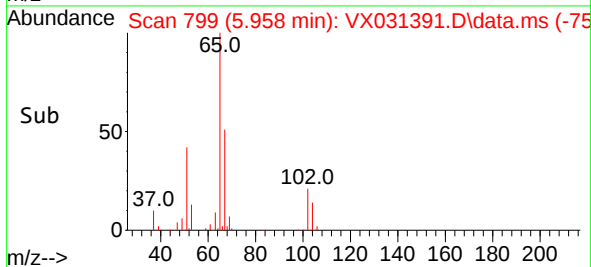
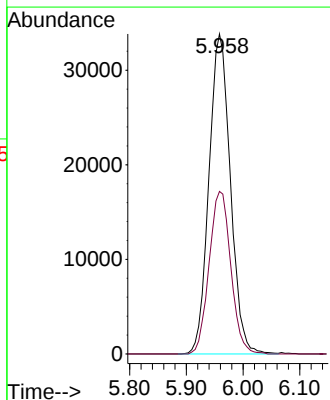
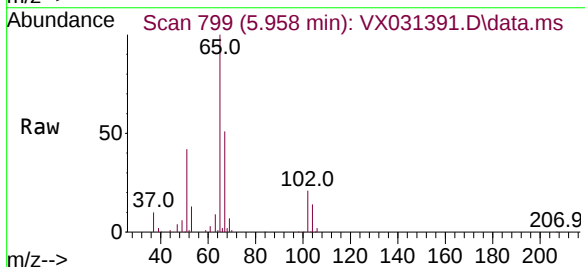
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ClientSampleId :
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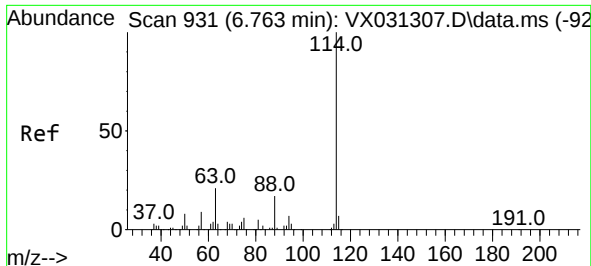
Tgt Ion: 56 Resp: 2194
Ion Ratio Lower Upper
56 100
69 146.8 25.1 37.7#
84 89.4 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 40.908 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

Tgt Ion: 65 Resp: 88811
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

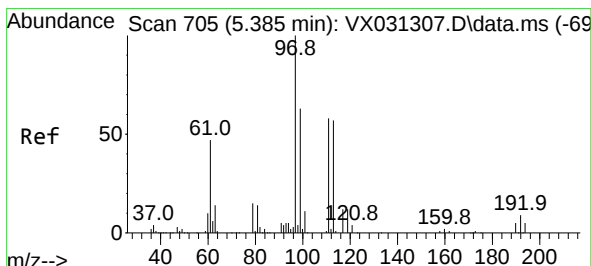
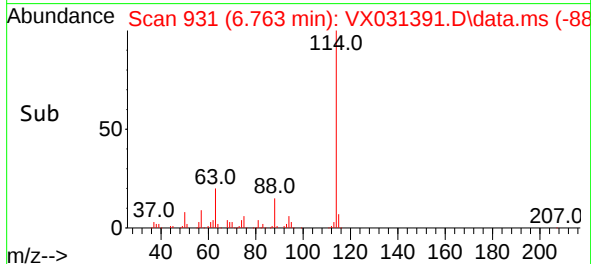
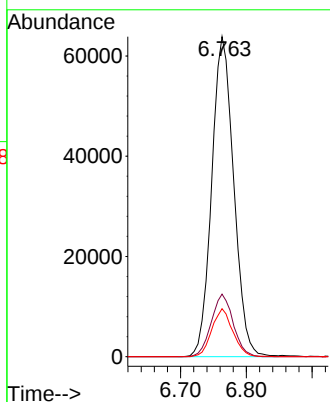
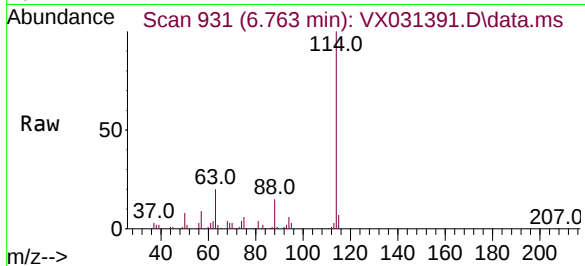




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

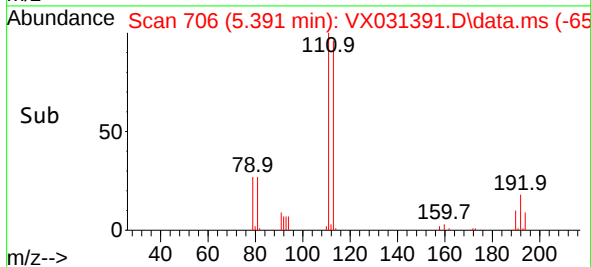
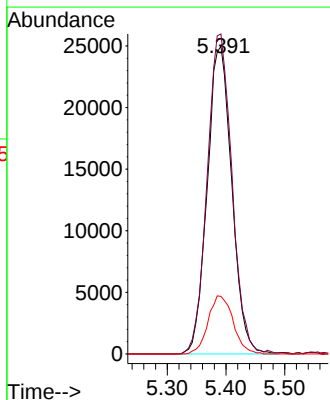
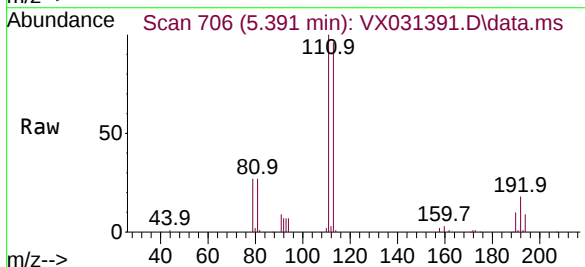
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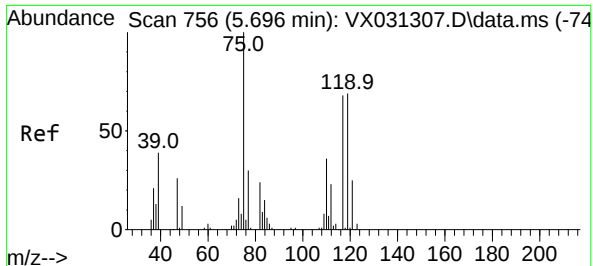
Tgt Ion:114 Resp: 148848
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.6
88 15.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.435 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

Tgt Ion:113 Resp: 72697
Ion Ratio Lower Upper
113 100
111 105.0 82.4 123.6
192 19.2 14.1 21.1

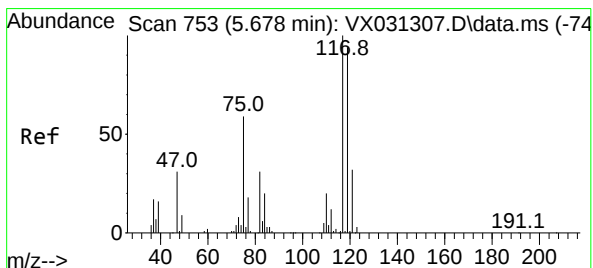
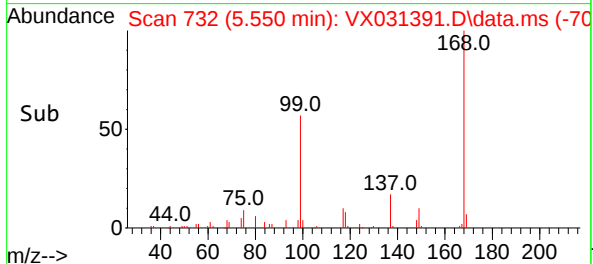
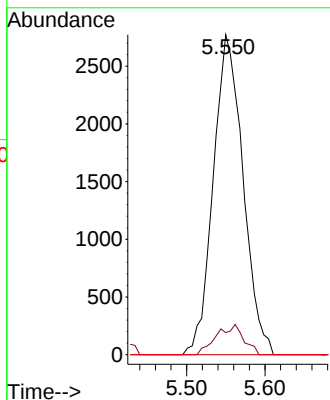
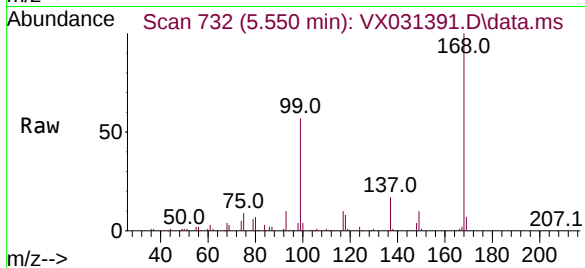




#36
1,1-Dichloropropene
Concen: 3.343 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

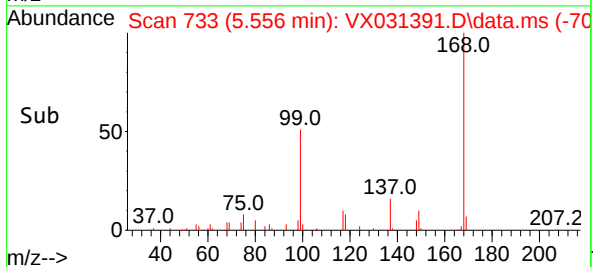
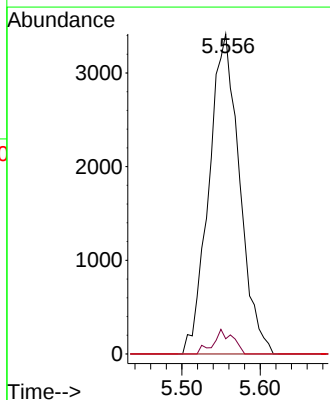
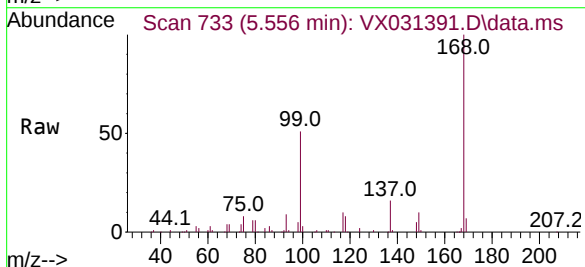
Instrument :
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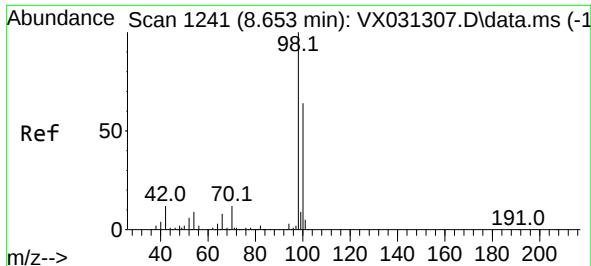
Tgt Ion: 75 Resp: 7321
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.900 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

Tgt Ion: 117 Resp: 9284
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#

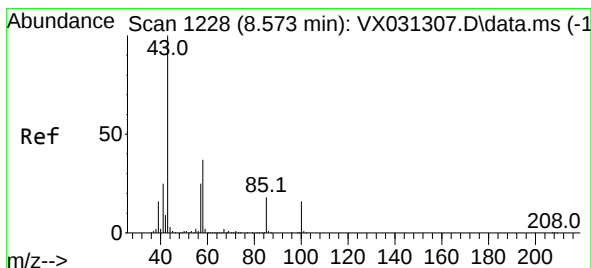
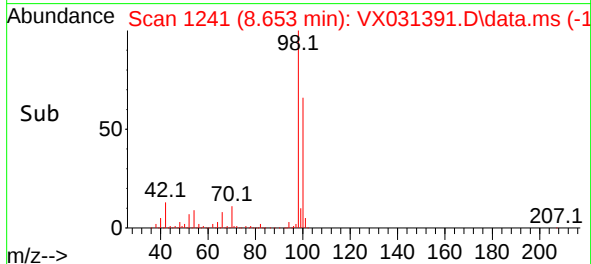
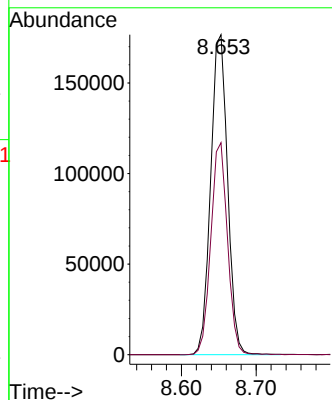
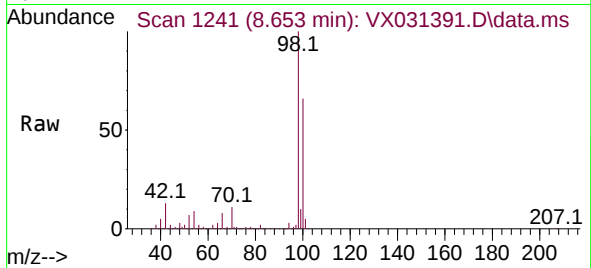




#50
Toluene-d8
Concen: 46.240 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

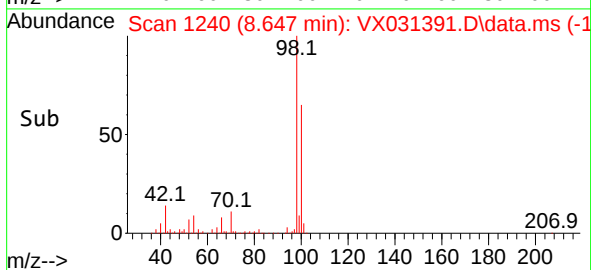
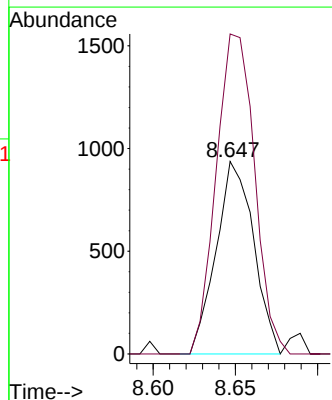
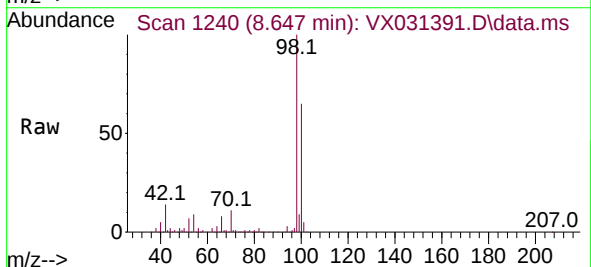
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220913

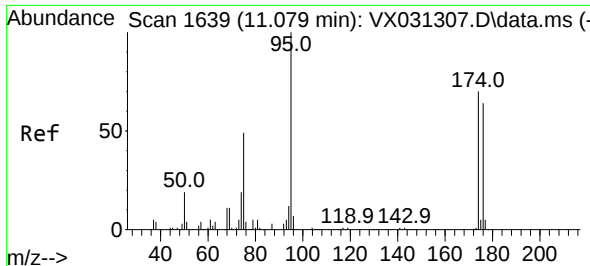
Tgt Ion: 98 Resp: 277523
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
58 170.3 30.6 46.0#

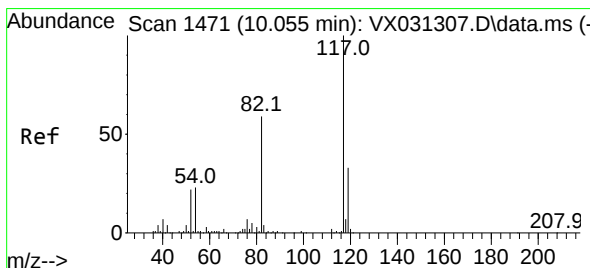
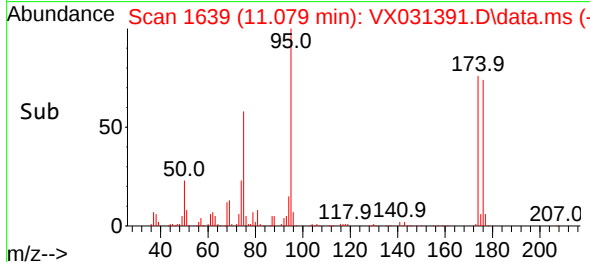
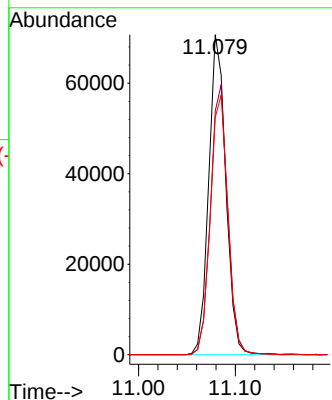
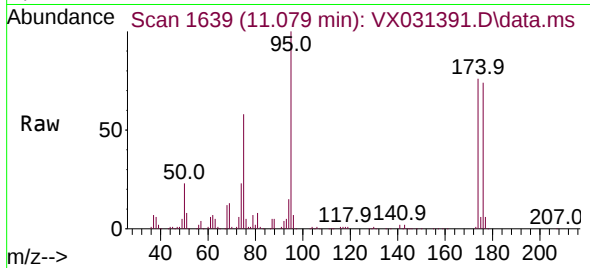




#62
4-Bromofluorobenzene
Concen: 39.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

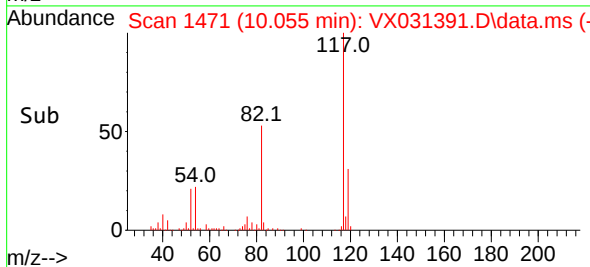
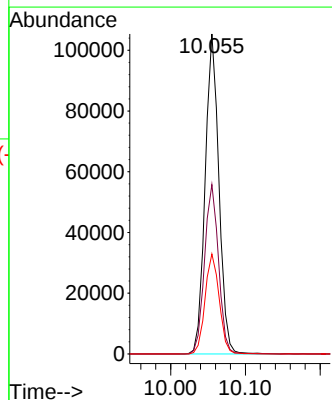
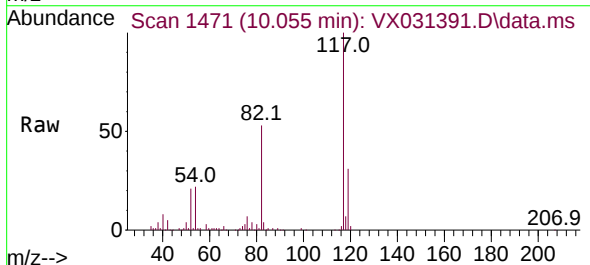
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220913

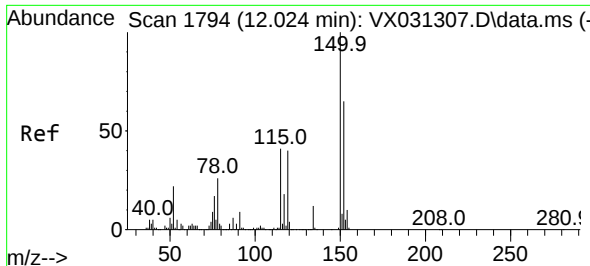
Tgt Ion: 95 Resp: 86997
Ion Ratio Lower Upper
95 100
174 85.0 0.0 153.2
176 83.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

Tgt Ion: 117 Resp: 134387
Ion Ratio Lower Upper
117 100
82 53.0 46.8 70.2
119 31.2 26.4 39.6

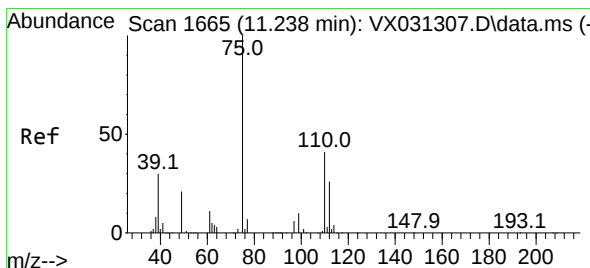
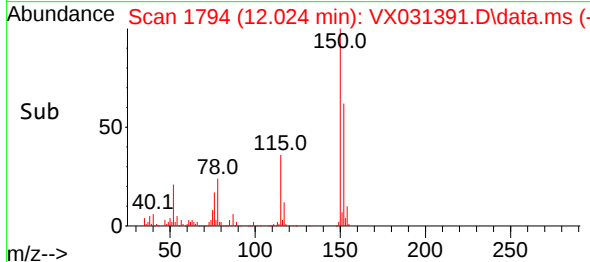
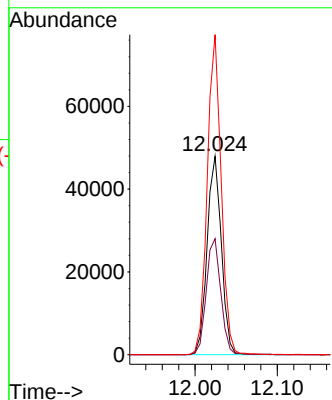
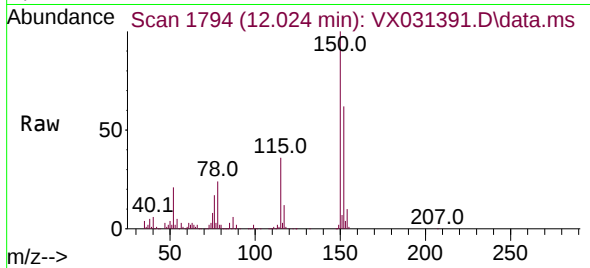




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

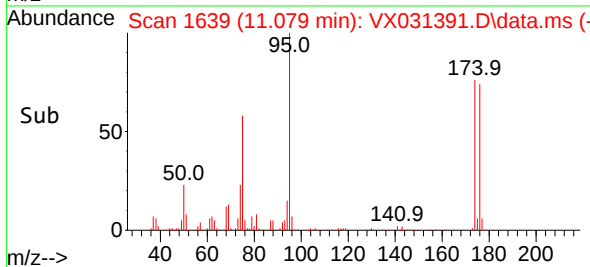
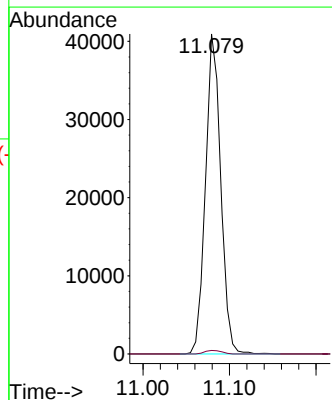
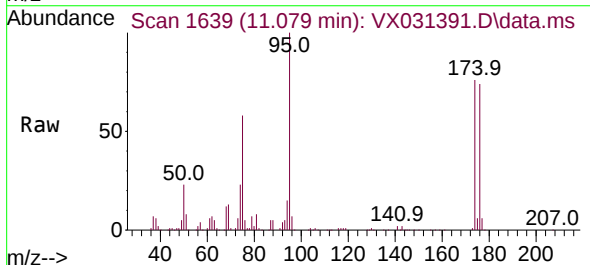
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220913

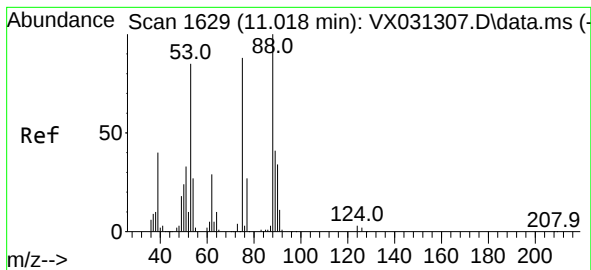
Tgt Ion:152 Resp: 57748
Ion Ratio Lower Upper
152 100
115 59.5 43.4 130.1
150 157.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 34.446 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031391.D
Acq: 16 Sep 2022 06:59

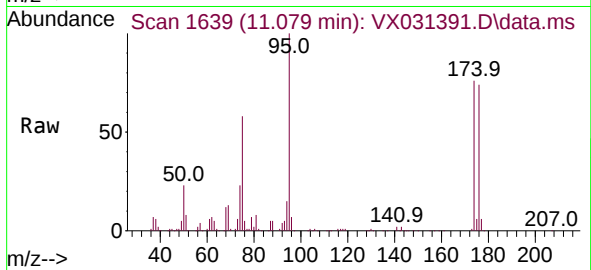
Tgt Ion: 75 Resp: 50128
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.313 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX031391.D
 Acq: 16 Sep 2022 06:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-EB-20220913



Tgt Ion: 75 Resp: 50128
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

