

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031904.D
 Acq On : 05 Oct 2022 18:49
 Operator : JC/MD
 Sample : N4983-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-743-745

Quant Time: Oct 06 06:48:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

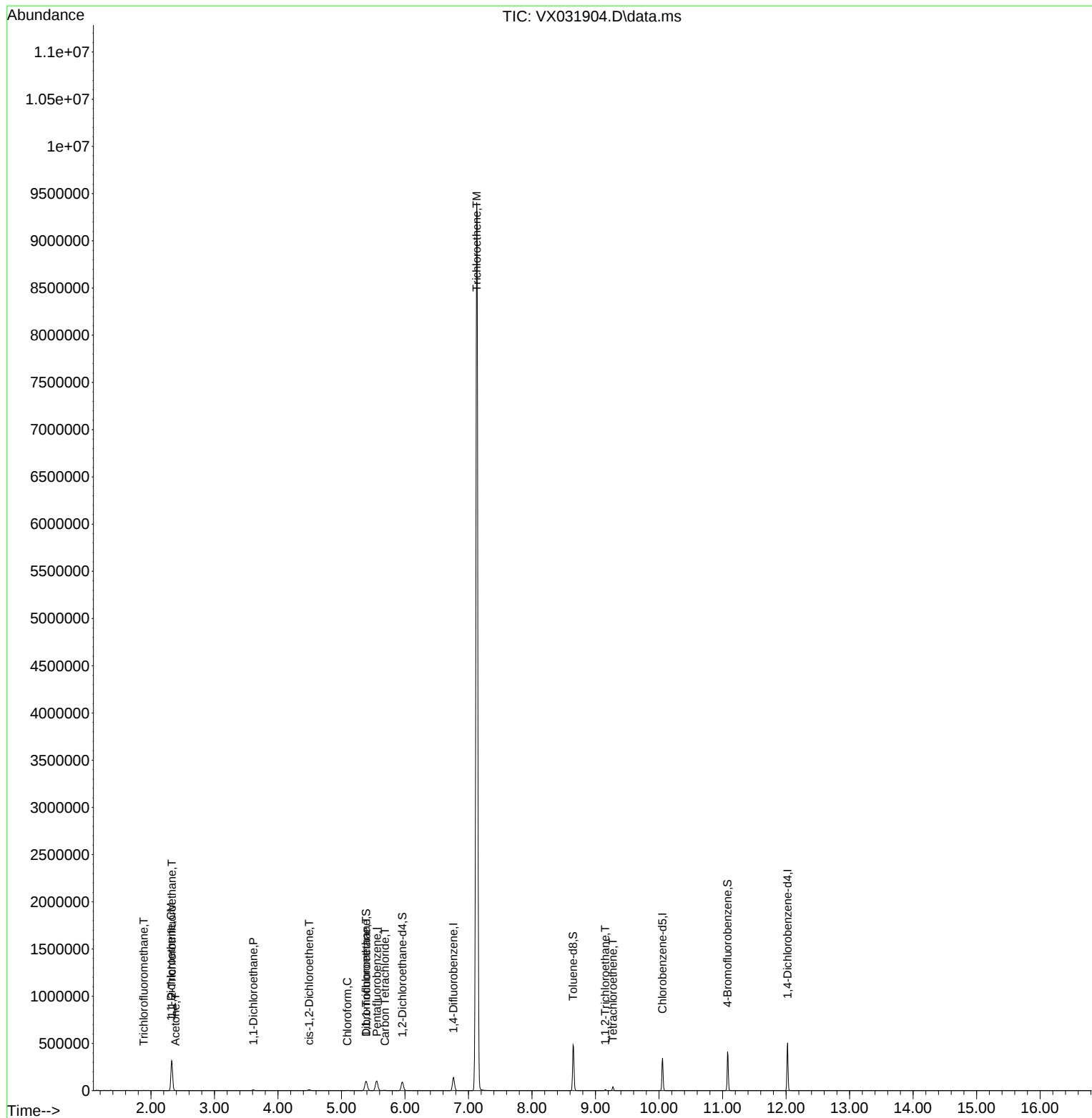
Internal Standards						
1) Pentafluorobenzene	5.556	168	108840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84786	51.720	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.440%			
35) Dibromofluoromethane	5.385	113	82501	47.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.440%			
50) Toluene-d8	8.647	98	303956	49.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.079	95	104641	47.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.000%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.886	101	1095	0.367	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	94868	65.694	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	36754	26.875	ug/l #	77
16) Acetone	2.386	43	1952	4.111	ug/l #	82
24) 1,1-Dichloroethane	3.611	63	9966	4.377	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	7245	4.039	ug/l	70
30) Chloroform	5.093	83	3563	1.276	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	4417	1.797	ug/l	95
38) Carbon Tetrachloride	5.684	117	3948	1.671	ug/l	88
44) Trichloroethene	7.129	130	3931973	1914.540	ug/l	83
55) 1,1,2-Trichloroethane	9.153	97	3096	1.762	ug/l	98
64) Tetrachloroethene	9.275	164	8206	3.977	ug/l	87

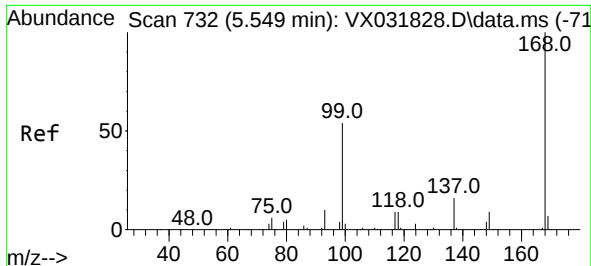
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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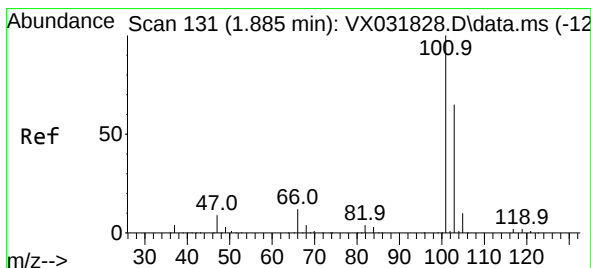
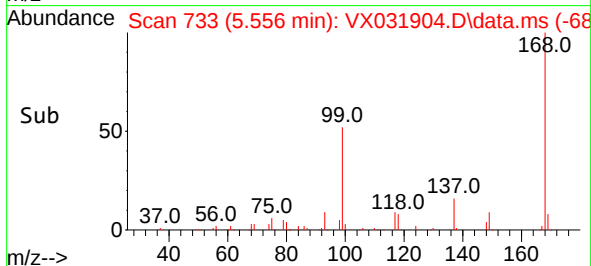
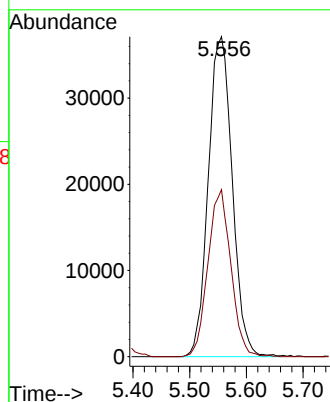
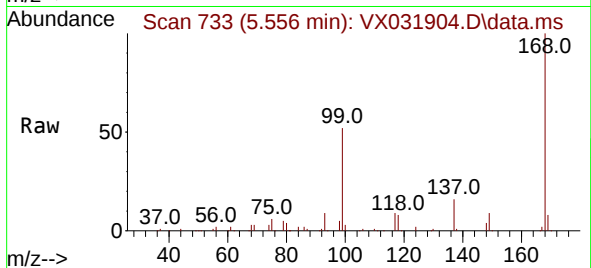




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

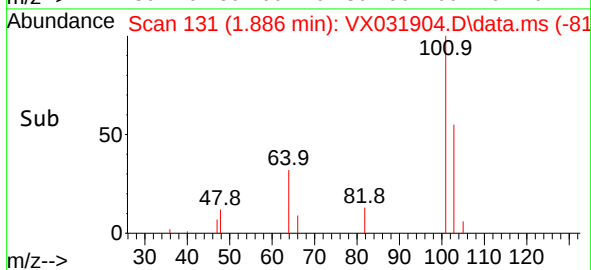
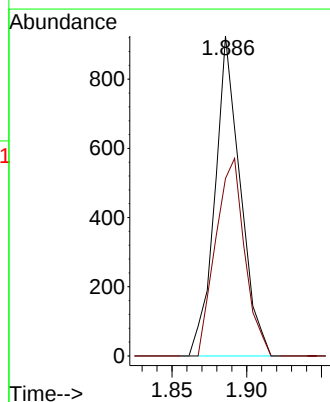
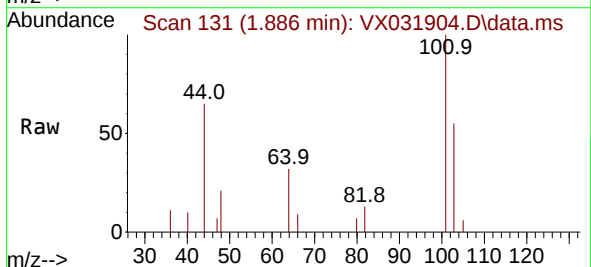
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-743-745

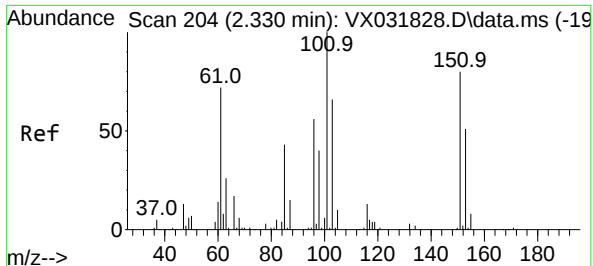
Tgt Ion:168 Resp: 108840
Ion Ratio Lower Upper
168 100
99 52.2 48.8 73.2



#7
Trichlorofluoromethane
Concen: 0.367 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.006 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Tgt Ion:101 Resp: 1095
Ion Ratio Lower Upper
101 100
103 55.5 51.8 77.6

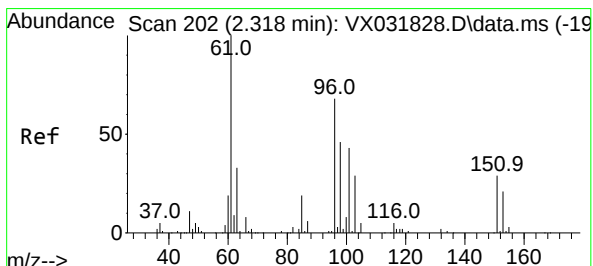
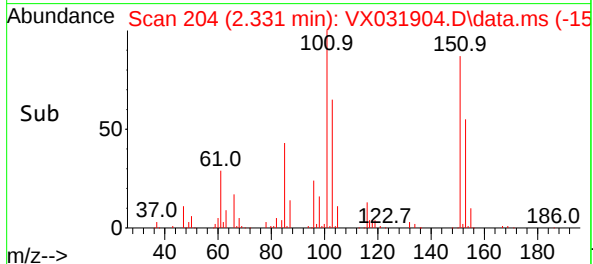
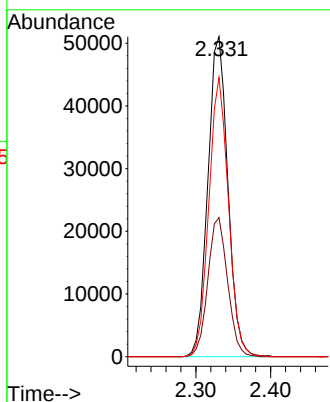
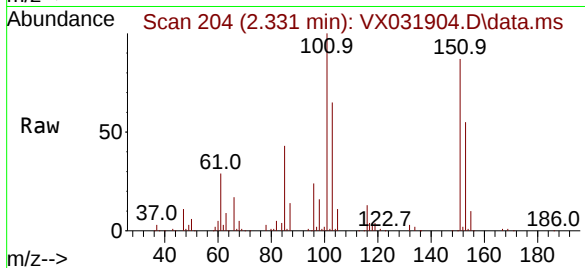




#9
1,1,2-Trichlorotrifluoroethane
Concen: 65.694 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

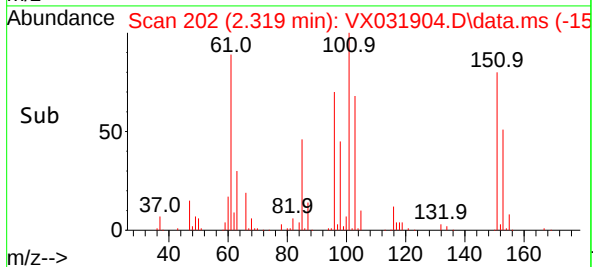
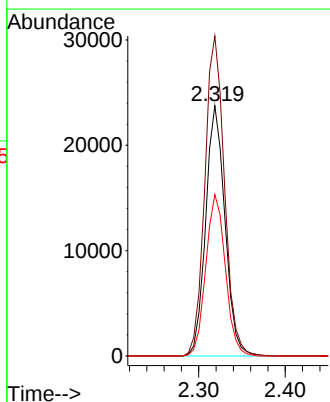
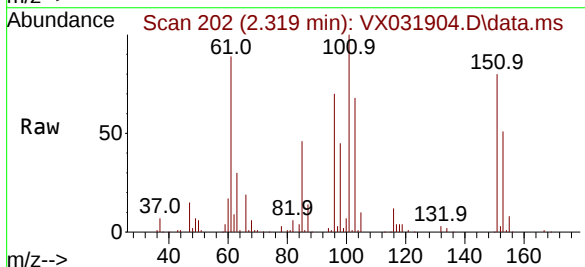
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-743-745

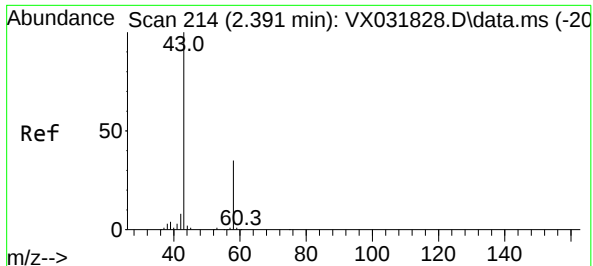
Tgt Ion:101 Resp: 94868
Ion Ratio Lower Upper
101 100
85 43.0 38.6 57.8
151 85.5 54.0 81.0#



#12
1,1-Dichloroethene
Concen: 26.875 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Tgt Ion: 96 Resp: 36754
Ion Ratio Lower Upper
96 100
61 127.8 135.3 202.9#
98 64.5 49.4 74.2

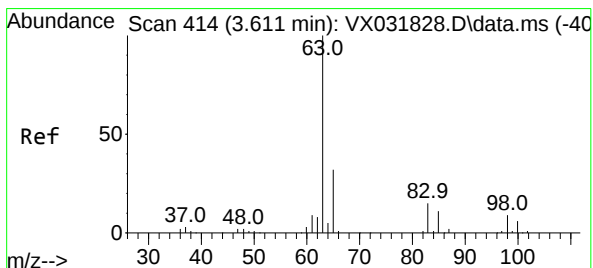
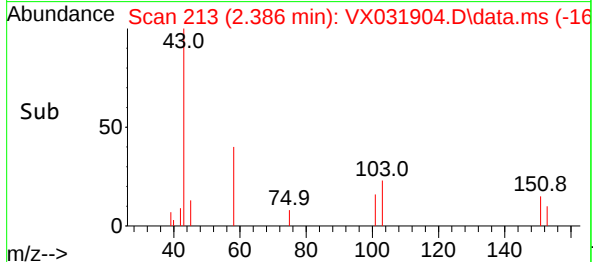
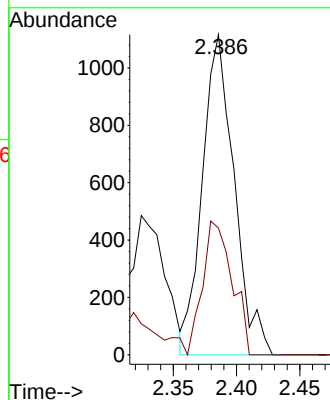
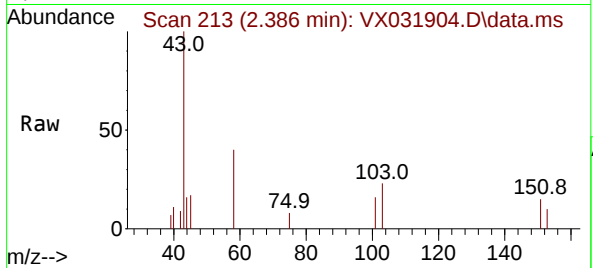




#16
Acetone
Concen: 4.111 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

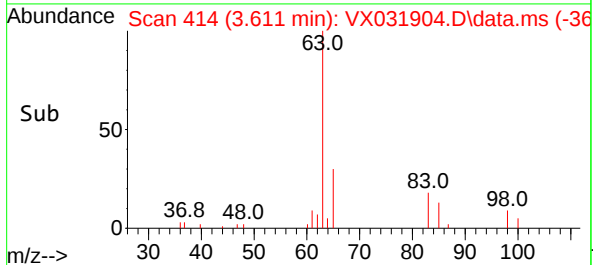
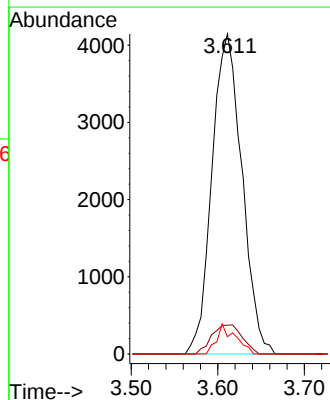
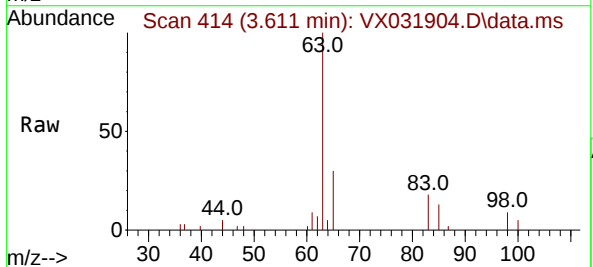
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-743-745

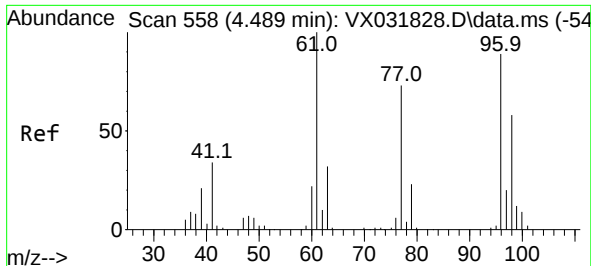
Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 39.6 23.8 35.8#



#24
1,1-Dichloroethane
Concen: 4.377 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Tgt Ion: 63 Resp: 9966
Ion Ratio Lower Upper
63 100
98 9.0 3.5 10.4
100 5.4 2.4 7.2





#27

cis-1,2-Dichloroethene

Concen: 4.039 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX031904.D

Acq: 05 Oct 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-743-745

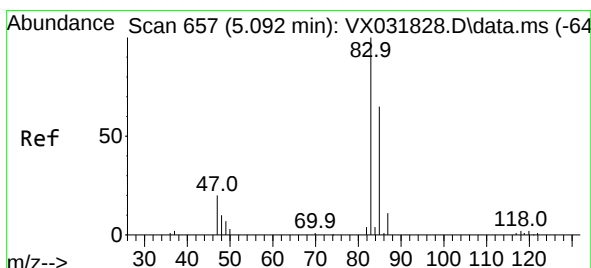
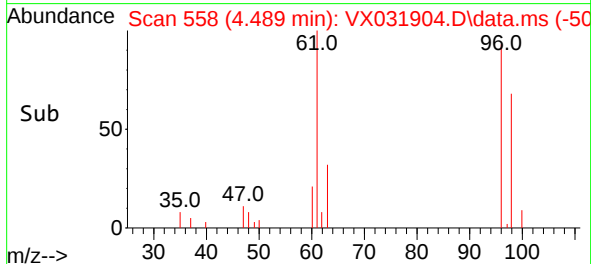
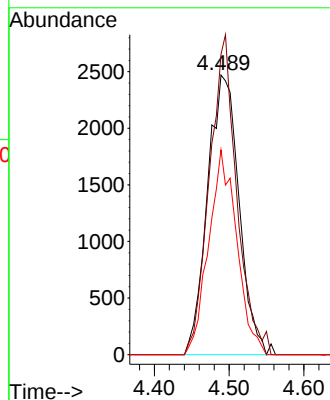
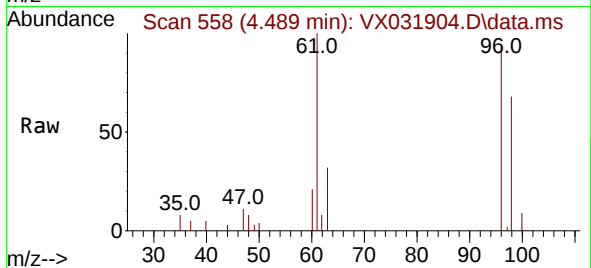
Tgt Ion: 96 Resp: 7245

Ion Ratio Lower Upper

96 100

61 99.3 0.0 305.2

98 65.3 0.0 128.4



#30

Chloroform

Concen: 1.276 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX031904.D

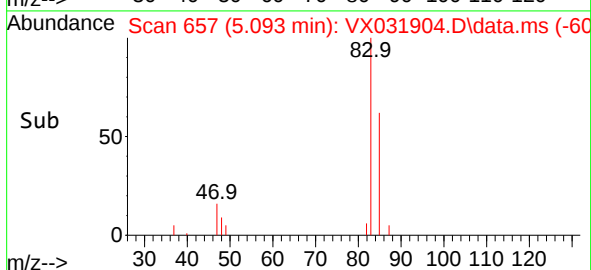
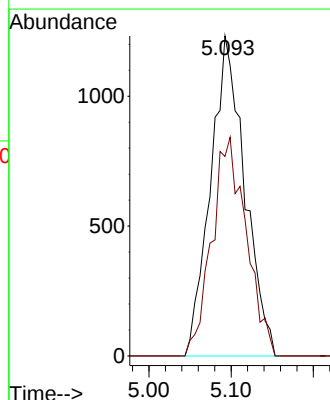
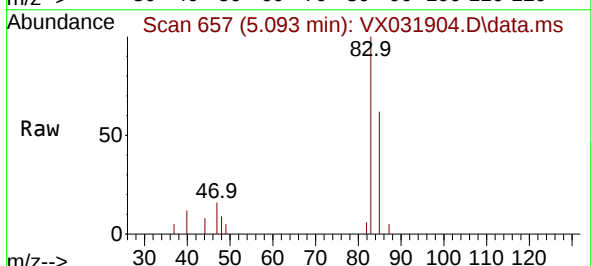
Acq: 05 Oct 2022 18:49

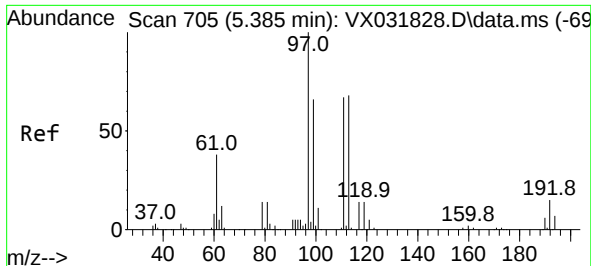
Tgt Ion: 83 Resp: 3563

Ion Ratio Lower Upper

83 100

85 62.3 52.8 79.2

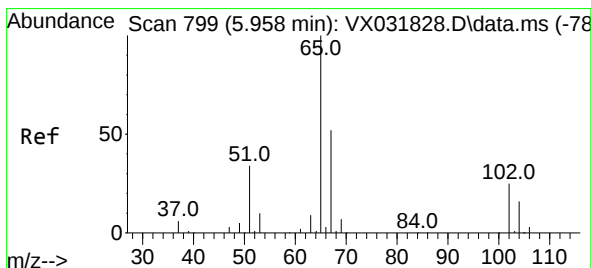
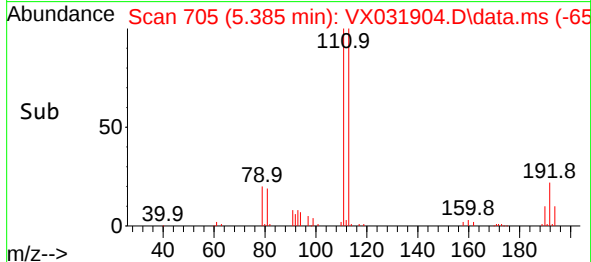
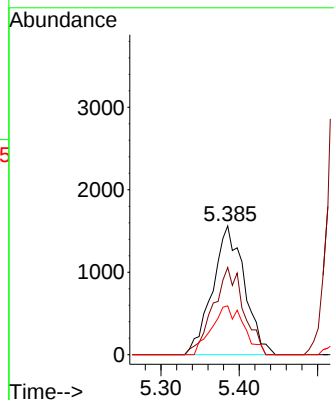
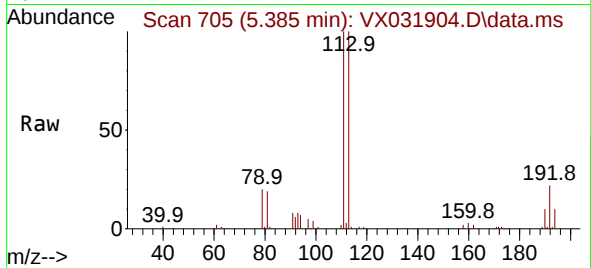




#32
1,1,1-Trichloroethane
Concen: 1.797 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

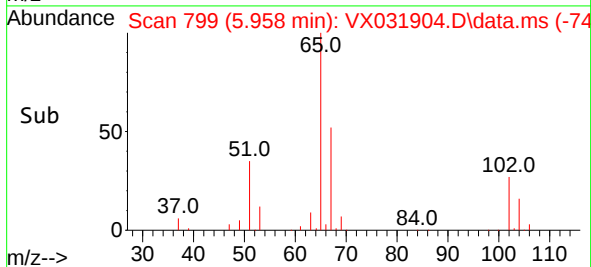
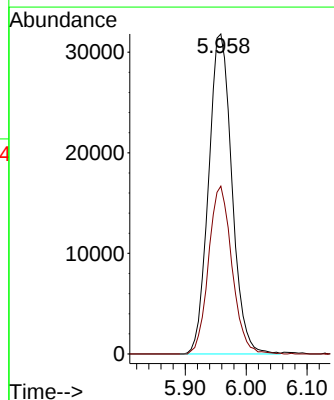
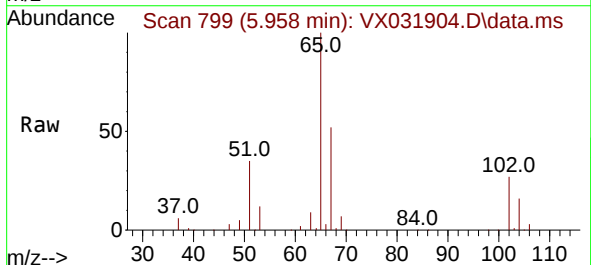
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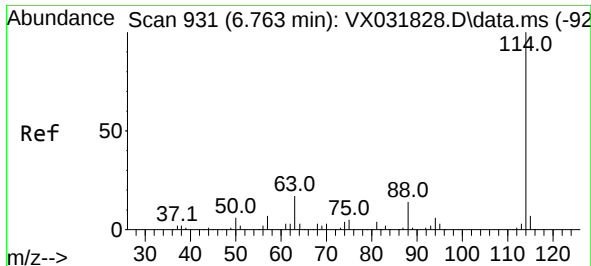
Tgt Ion:	97	Resp:	4417
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	38.3	35.9	53.9



#33
1,2-Dichloroethane-d4
Concen: 51.720 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Tgt Ion:	65	Resp:	84786
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.4

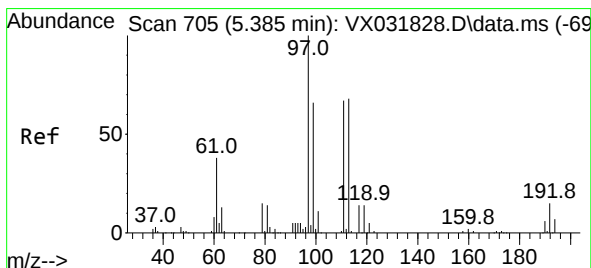
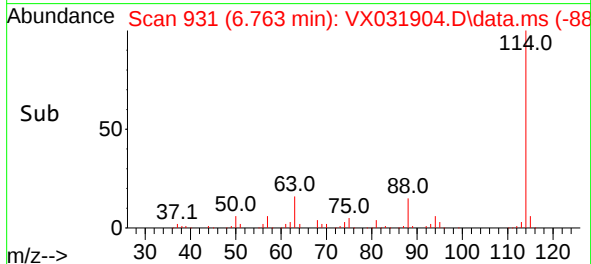
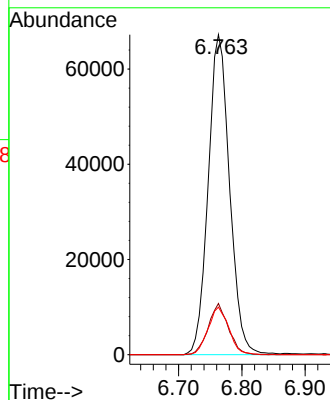
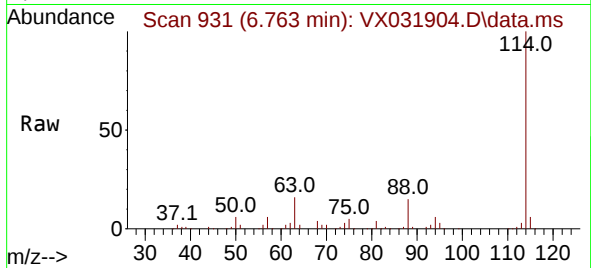




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

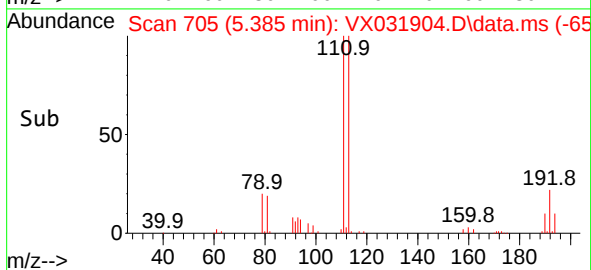
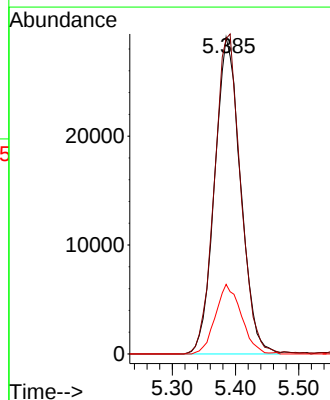
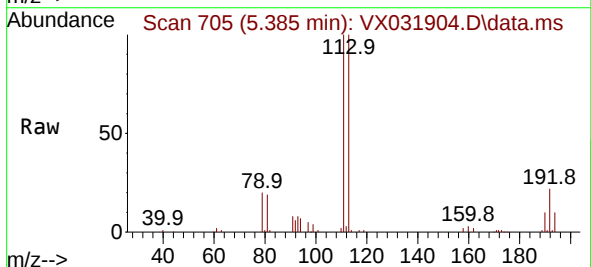
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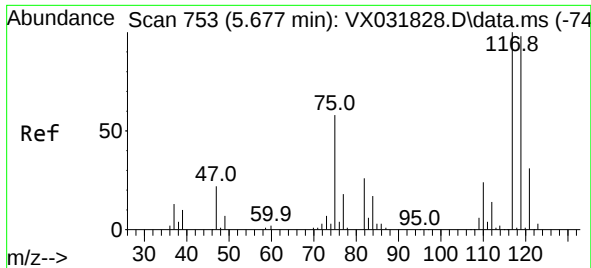
Tgt Ion:114 Resp: 158023
Ion Ratio Lower Upper
114 100
63 16.0 0.0 42.6
88 14.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.718 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Tgt Ion:113 Resp: 82501
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 22.0 14.1 21.1#

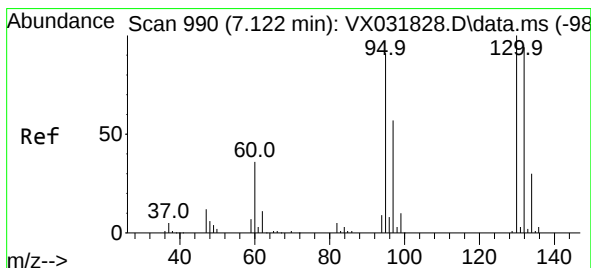
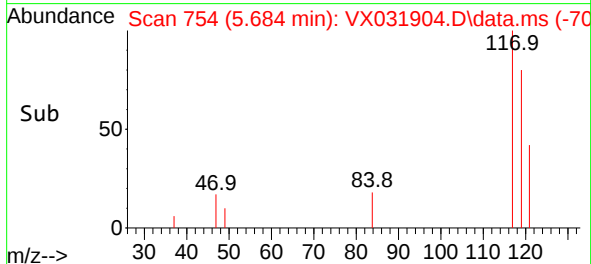
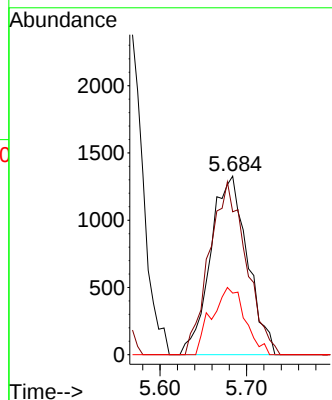
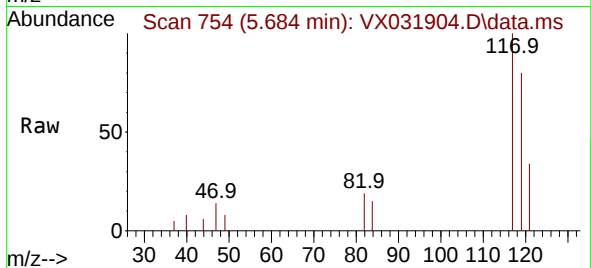




#38
Carbon Tetrachloride
Concen: 1.671 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

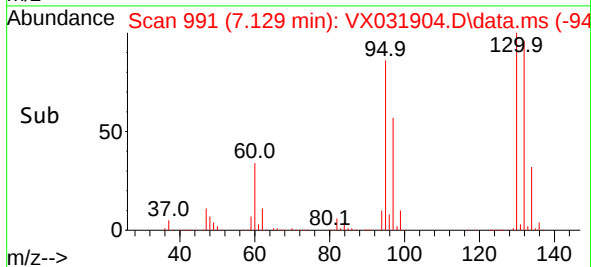
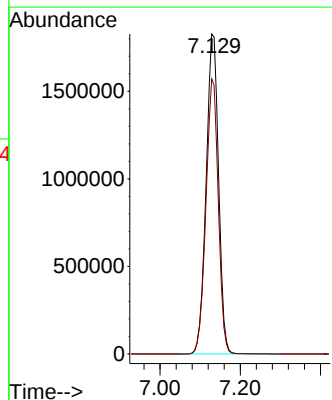
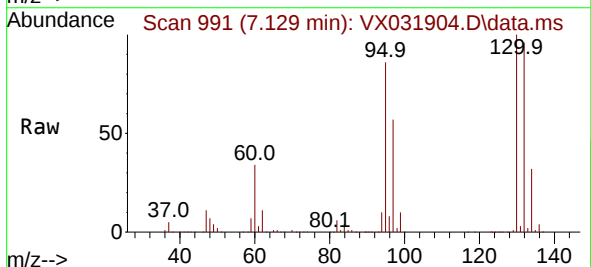
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-743-745

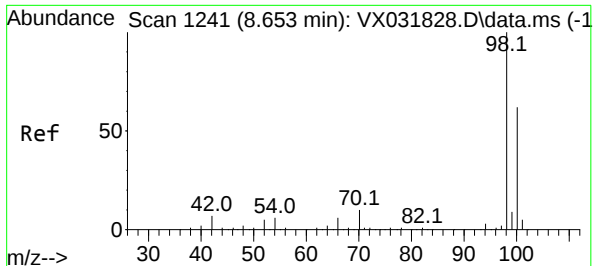
Tgt Ion:117 Resp: 3948
Ion Ratio Lower Upper
117 100
119 80.0 74.6 112.0
121 34.5 25.3 37.9



#44
Trichloroethene
Concen: 1914.540 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Tgt Ion:130 Resp: 3931973
Ion Ratio Lower Upper
130 100
95 85.9 0.0 206.8

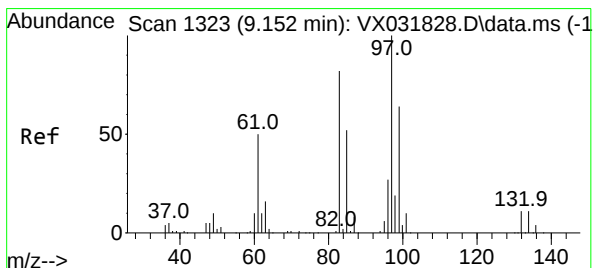
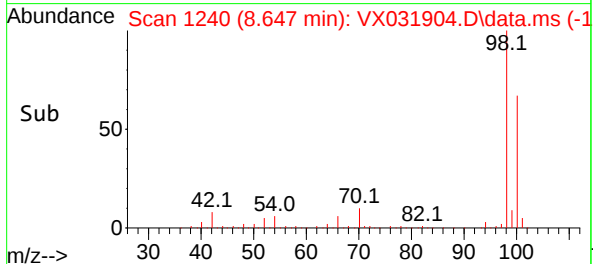
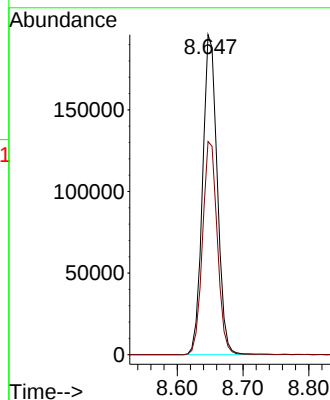
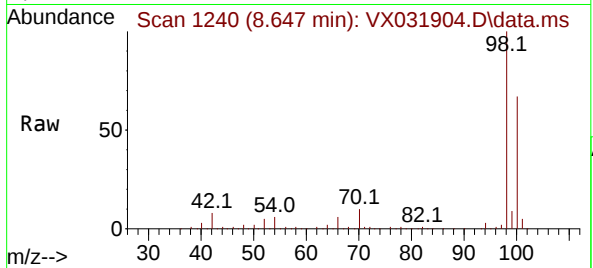




#50
Toluene-d8
Concen: 49.632 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

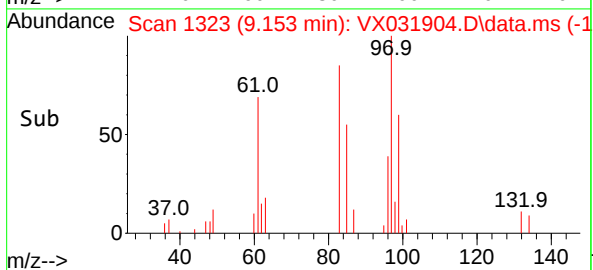
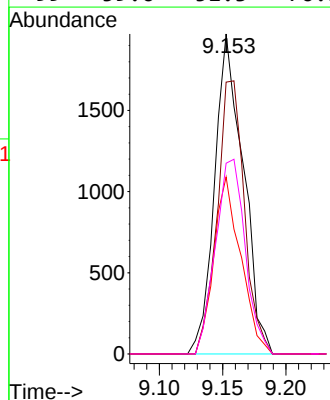
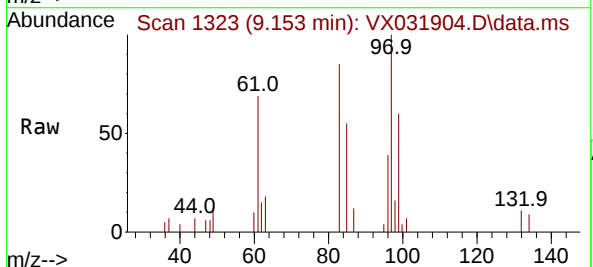
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-743-745

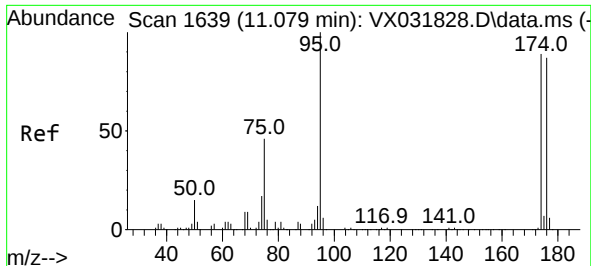
Tgt Ion: 98 Resp: 303956
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 1.762 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Tgt Ion: 97 Resp: 3096
Ion Ratio Lower Upper
97 100
83 84.9 69.0 103.6
85 55.3 44.1 66.1
99 59.6 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 47.501 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031904.D

Acq: 05 Oct 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-743-745

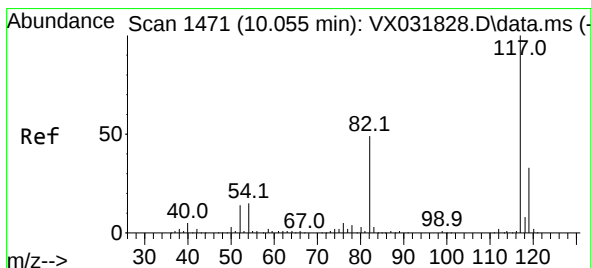
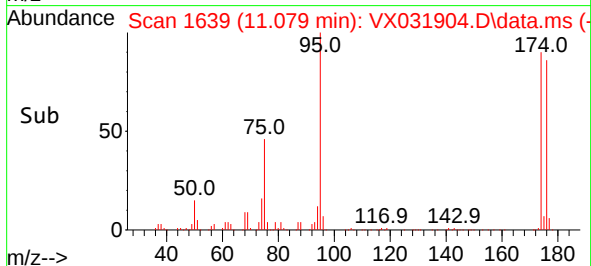
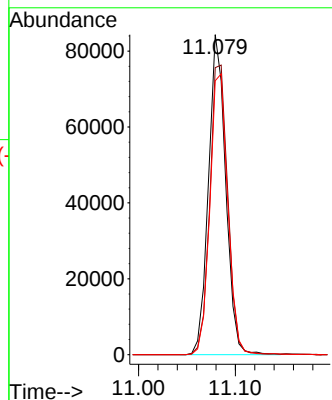
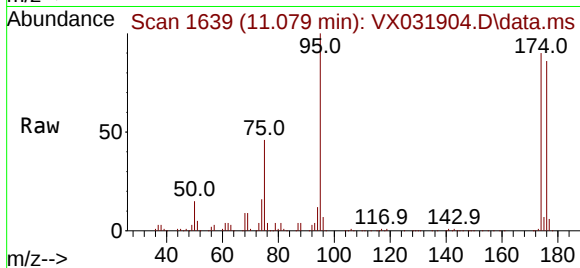
Tgt Ion: 95 Resp: 104641

Ion Ratio Lower Upper

95 100

174 94.8 0.0 153.2

176 91.4 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: VX031904.D

Acq: 05 Oct 2022 18:49

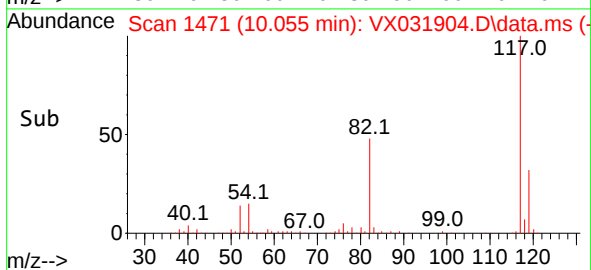
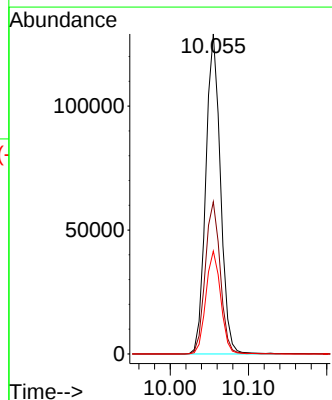
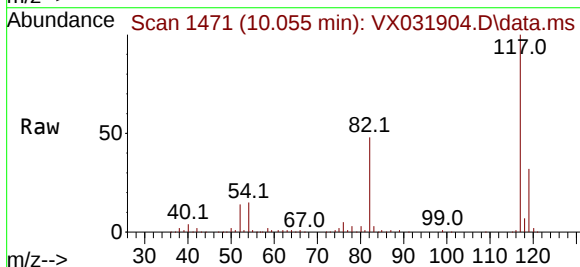
Tgt Ion: 117 Resp: 167740

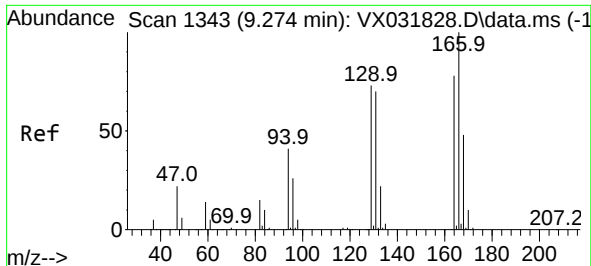
Ion Ratio Lower Upper

117 100

82 47.5 46.8 70.2

119 32.1 26.4 39.6



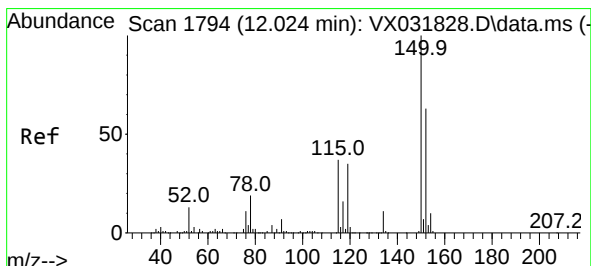
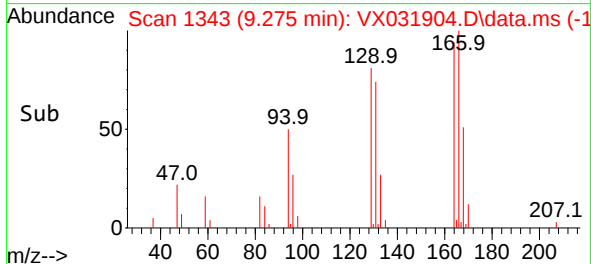
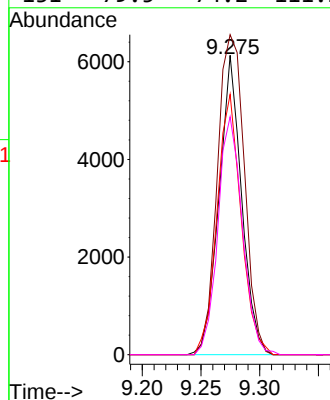
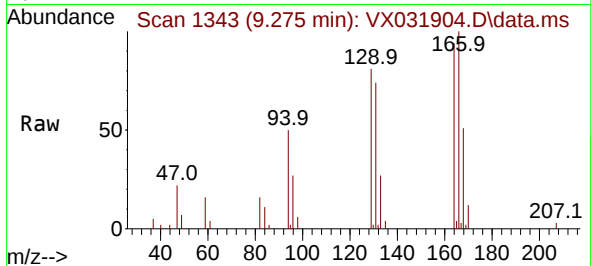


#64
Tetrachloroethene
Concen: 3.977 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-743-745

Tgt Ion:164 Resp: 8206

Ion	Ratio	Lower	Upper
164	100		
166	106.9	99.0	148.4
129	86.9	78.0	117.0
131	79.5	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031904.D
Acq: 05 Oct 2022 18:49

Tgt Ion:152 Resp: 112928

Ion	Ratio	Lower	Upper
152	100		
115	56.4	43.4	130.1
150	157.4	0.0	346.8

