

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031965.D
 Acq On : 07 Oct 2022 16:21
 Operator : JC/MD
 Sample : N5058-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-808-810

Quant Time: Oct 08 05:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60636	52.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.420%
35) Dibromofluoromethane	5.391	113	51065	50.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.820%
50) Toluene-d8	8.653	98	182709	50.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	11.079	95	61479	47.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%

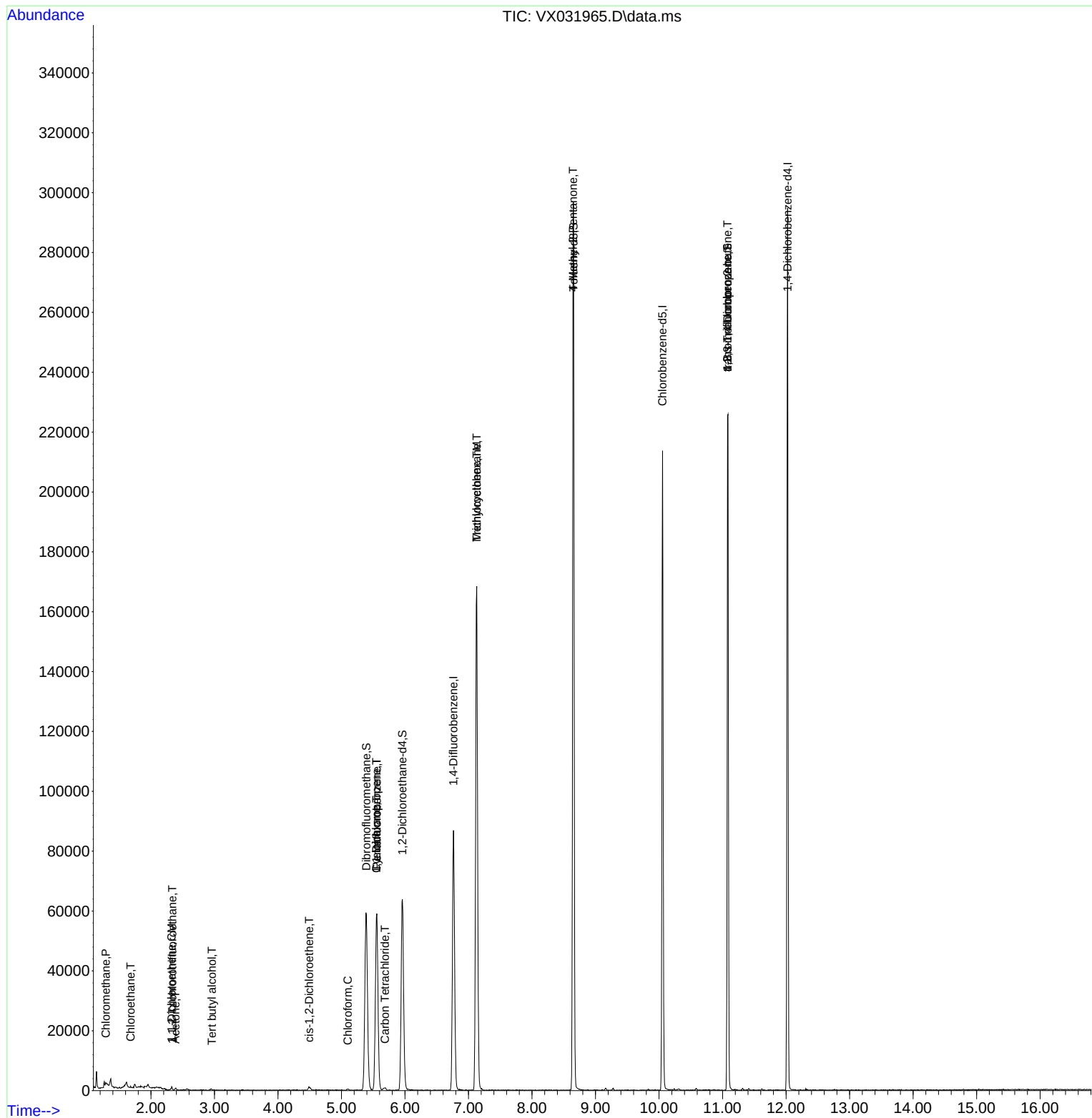
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	176	0.201	ug/l #	41
5) Bromomethane	1.617	94	258	Below Cal		90
6) Chloroethane	1.678	64	459	0.527	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	222	0.239	ug/l	94
11) Tert butyl alcohol	2.959	59	251	1.737	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	184	0.215	ug/l #	64
16) Acetone	2.386	43	736	1.865	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	660	0.581	ug/l	86
30) Chloroform	5.098	83	392	0.214	ug/l #	68
31) Cyclohexane	5.550	56	1216	0.876	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	4456	3.317	ug/l #	47
38) Carbon Tetrachloride	5.684	117	830	0.604	ug/l #	76
39) Methylcyclohexane	7.129	83	769	0.480	ug/l #	1
44) Trichloroethene	7.129	130	65914	57.146	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	785	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31610	26.501	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31610	90.875	ug/l #	11

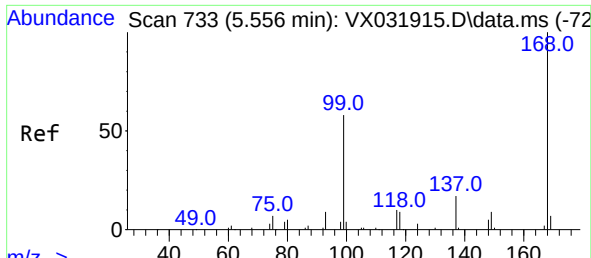
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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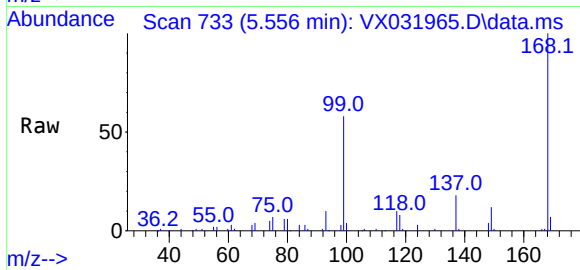
Quant Time: Oct 08 05:13:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
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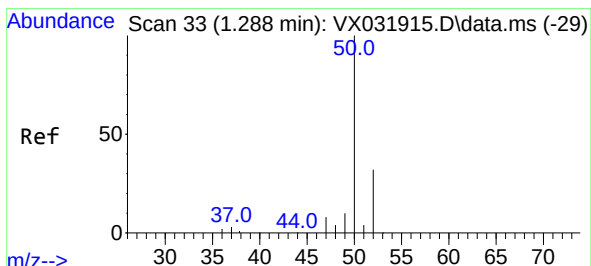
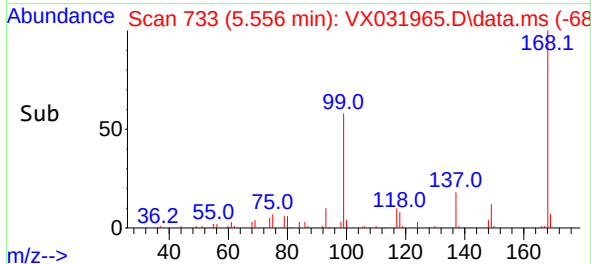
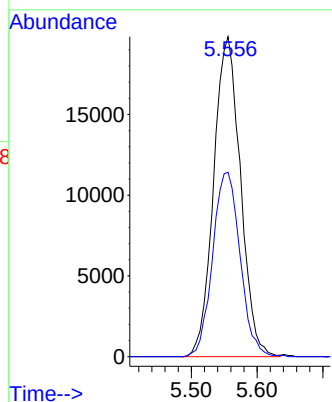


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810

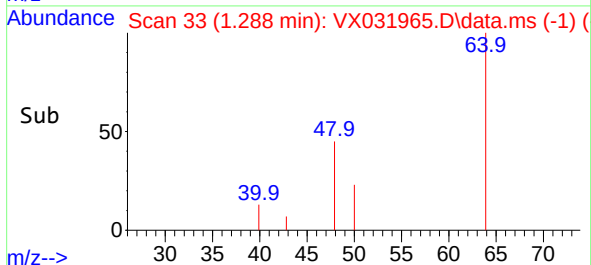
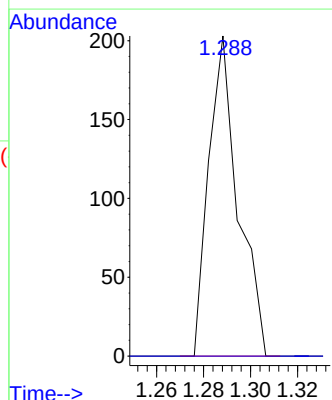
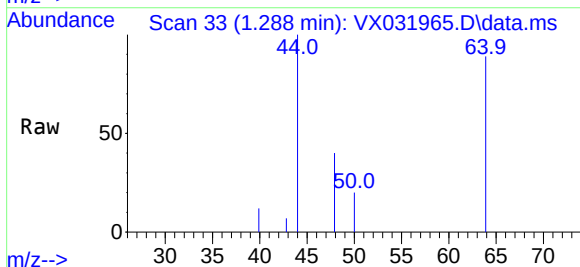


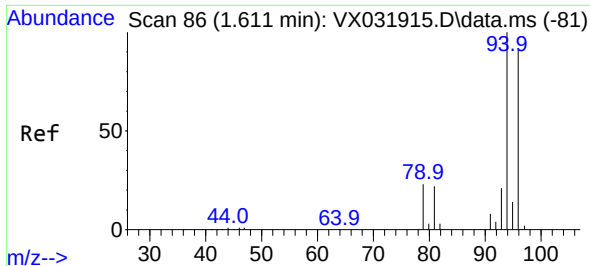
Tgt Ion:168 Resp: 56239
Ion Ratio Lower Upper
168 100
99 57.7 48.8 73.2



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Tgt Ion: 50 Resp: 176
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

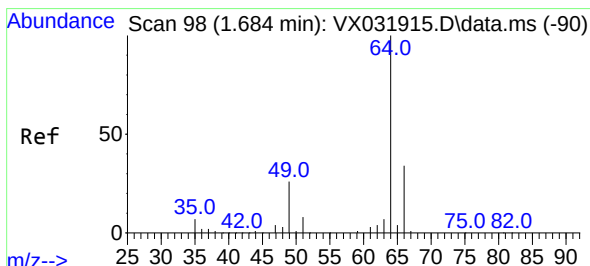
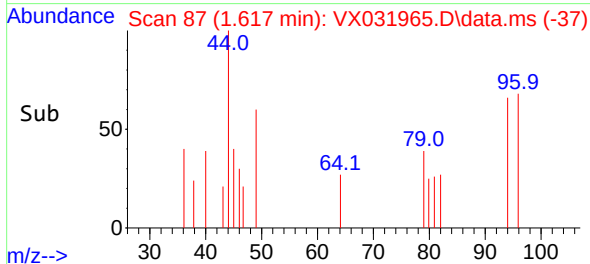
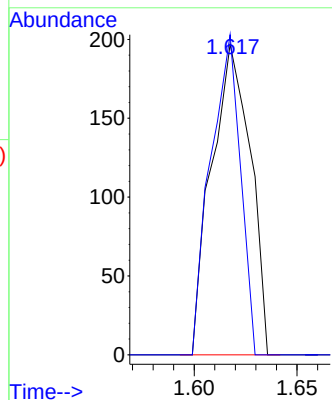
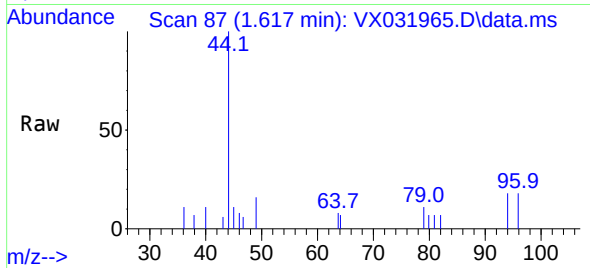




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

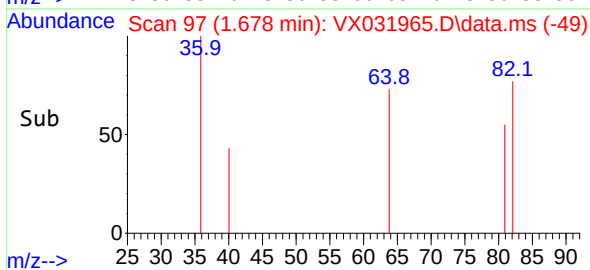
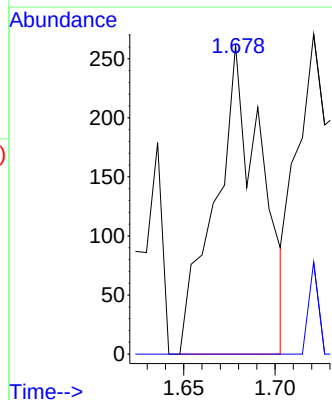
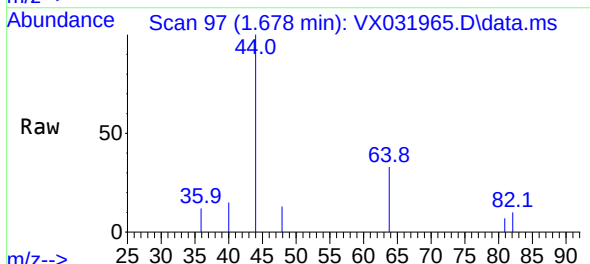
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810

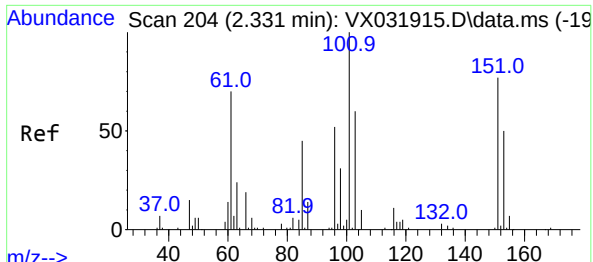
Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 103.0 74.4 111.6



#6
Chloroethane
Concen: 0.527 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Tgt Ion: 64 Resp: 459
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

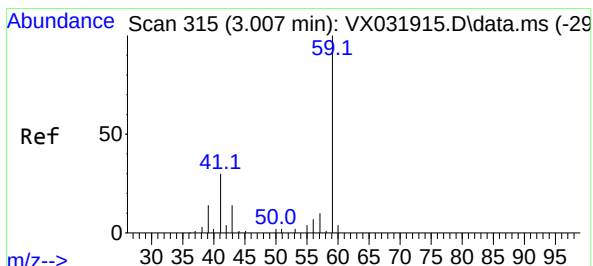
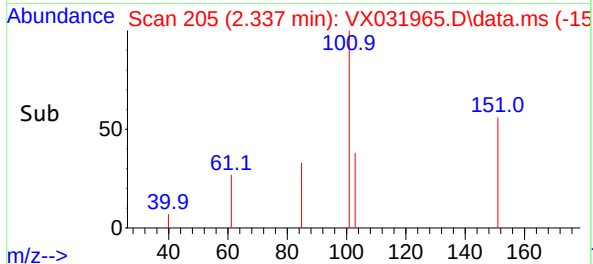
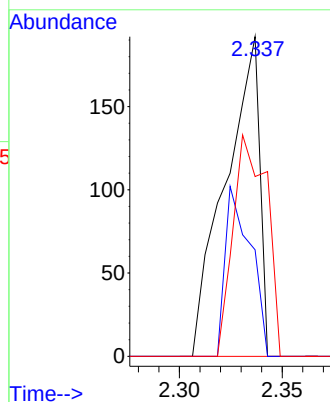
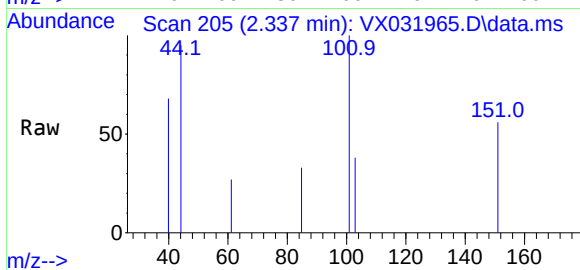




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.239 ug/l
RT: 2.337 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

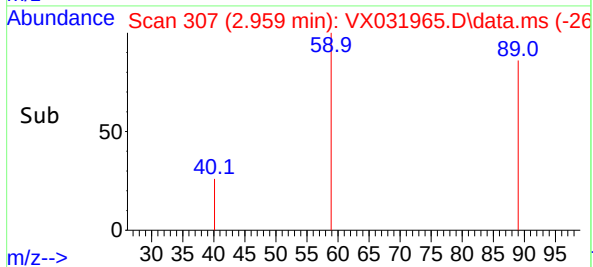
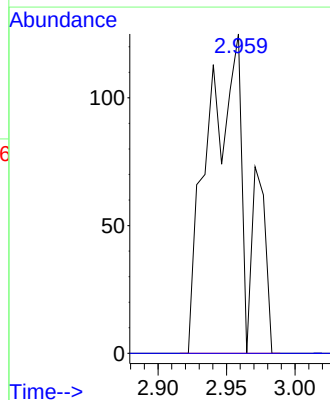
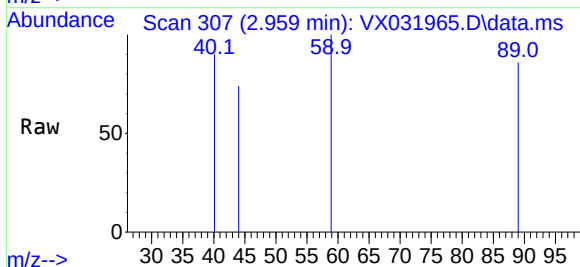
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810

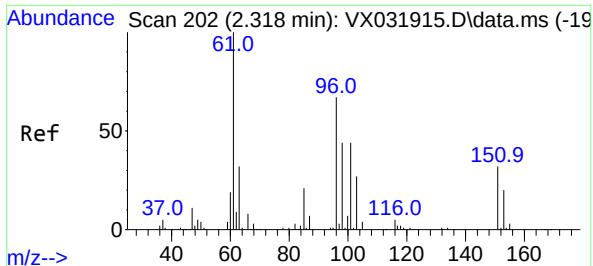
Tgt Ion:	101	Resp:	222
Ion	Ratio	Lower	Upper
101	100		
85	39.2	38.6	57.8
151	68.0	54.0	81.0



#11
Tert butyl alcohol
Concen: 1.737 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.048 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Tgt Ion:	59	Resp:	251
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#





#12

1,1-Dichloroethene

Concen: 0.215 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.007 min

Lab File: VX031965.D

Acq: 07 Oct 2022 16:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-808-810

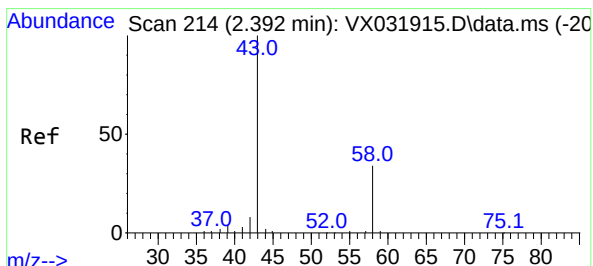
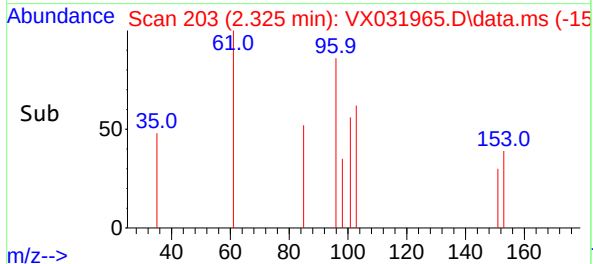
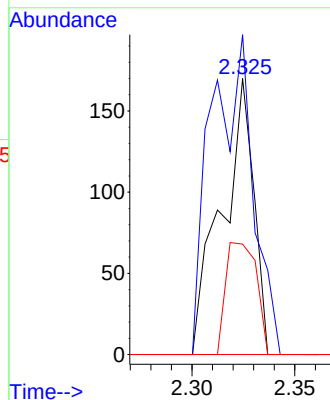
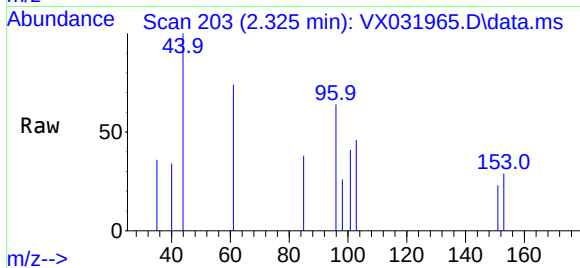
Tgt Ion: 96 Resp: 184

Ion Ratio Lower Upper

96 100

61 115.9 135.3 202.9#

98 40.0 49.4 74.2#



#16

Acetone

Concen: 1.865 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031965.D

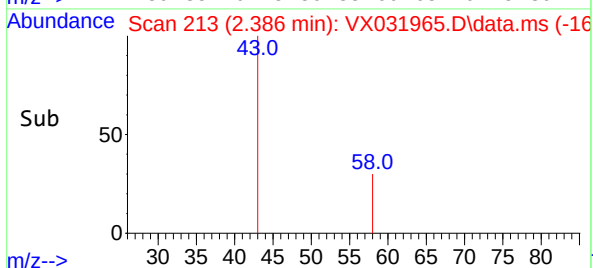
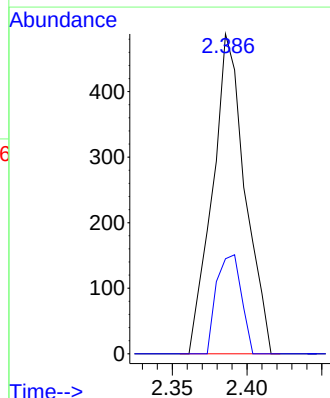
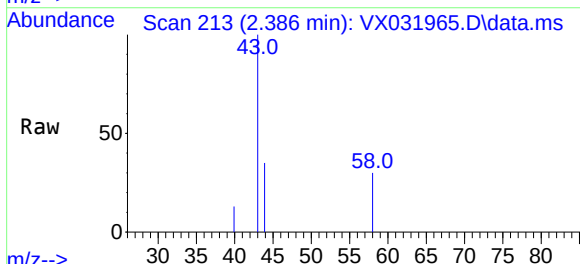
Acq: 07 Oct 2022 16:21

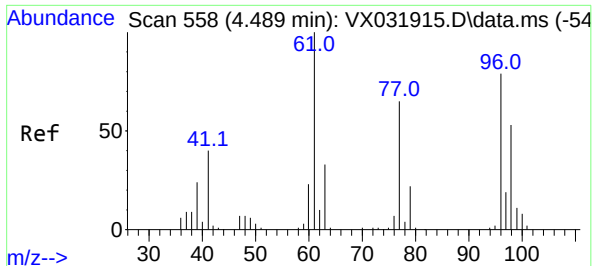
Tgt Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

58 29.7 23.8 35.8



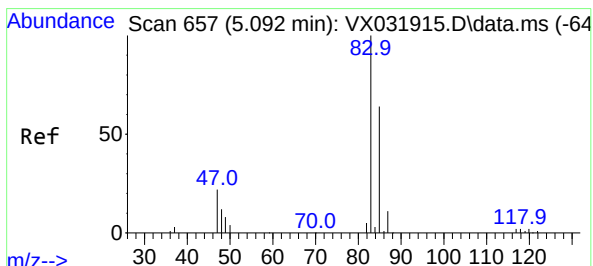
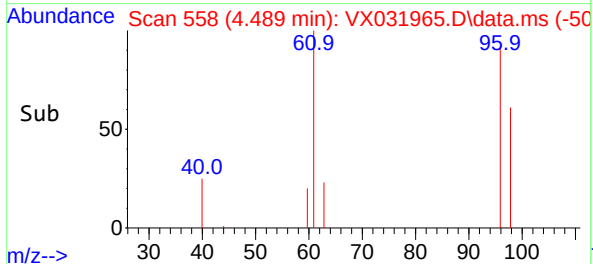
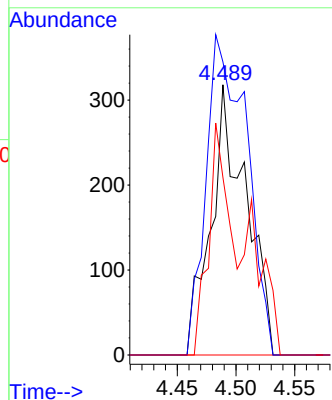
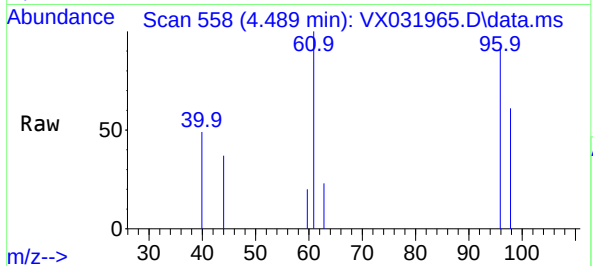


#27
 cis-1,2-Dichloroethene
 Concen: 0.581 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX031965.D
 Acq: 07 Oct 2022 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-808-810

Tgt Ion: 96 Resp: 660

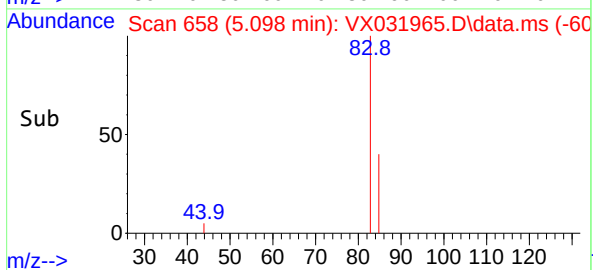
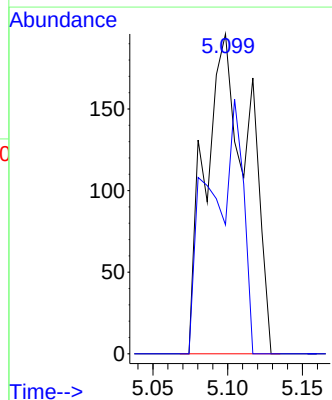
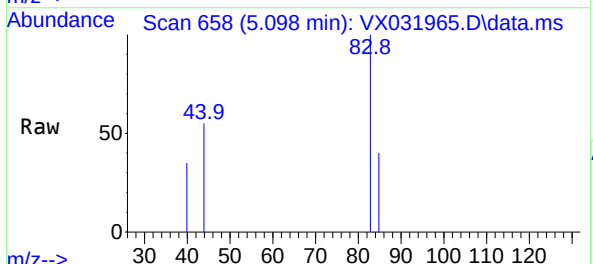
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	305.2
98	51.5	0.0	128.4

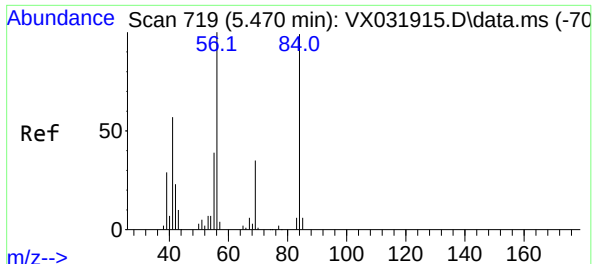


#30
 Chloroform
 Concen: 0.214 ug/l
 RT: 5.098 min Scan# 658
 Delta R.T. 0.006 min
 Lab File: VX031965.D
 Acq: 07 Oct 2022 16:21

Tgt Ion: 83 Resp: 392

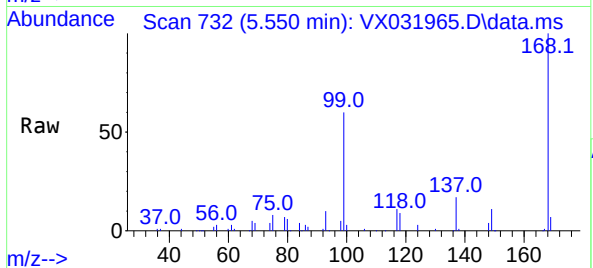
Ion	Ratio	Lower	Upper
83	100		
85	40.3	52.8	79.2#



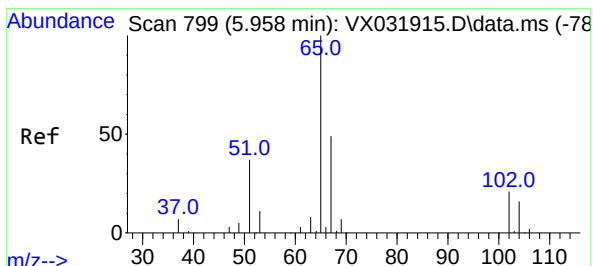
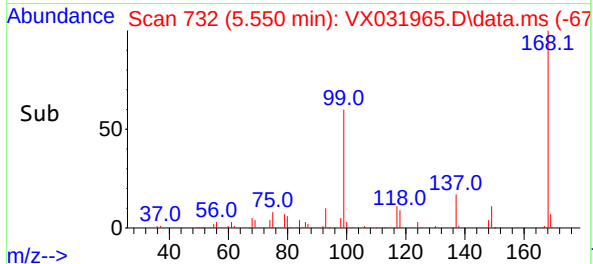
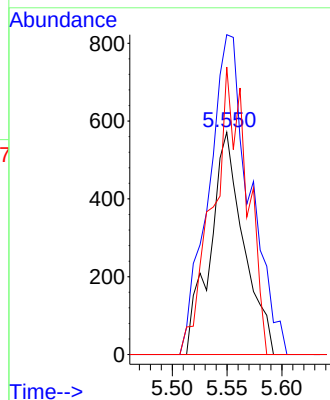


#31
Cyclohexane
Concen: 0.876 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Instrument :
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BP-VPB-RW5-GW-808-810

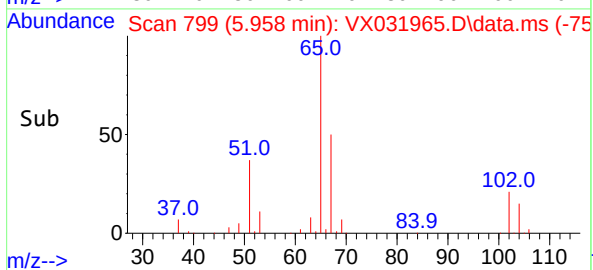
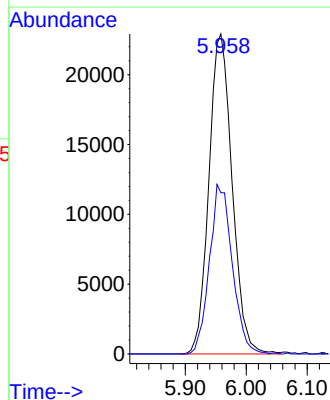
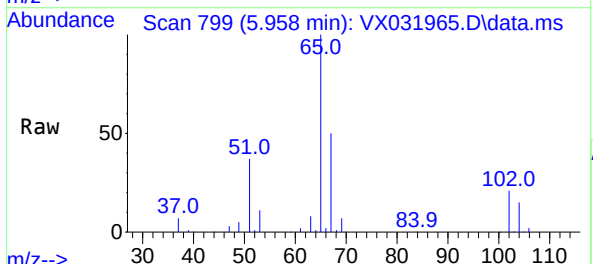


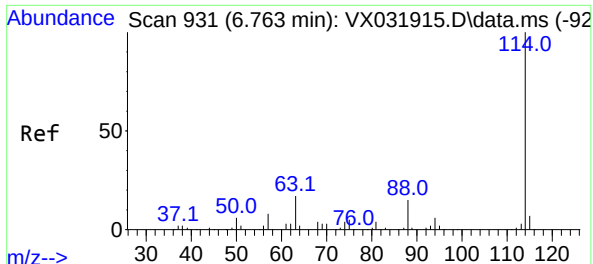
Tgt Ion: 56 Resp: 1216
Ion Ratio Lower Upper
56 100
69 144.0 25.1 37.7#
84 140.6 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.207 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Tgt Ion: 65 Resp: 60636
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4

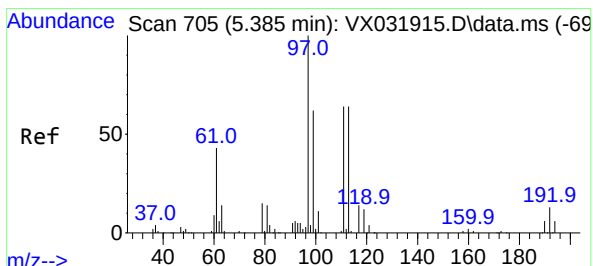
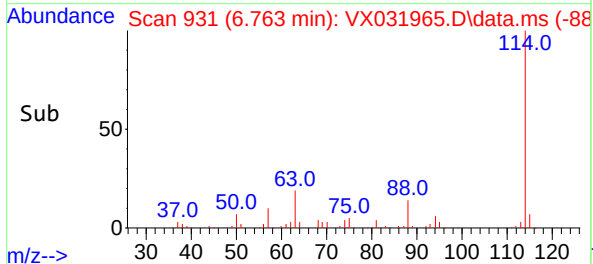
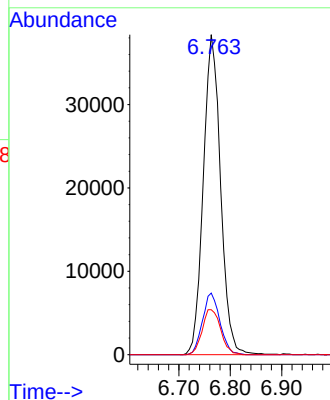
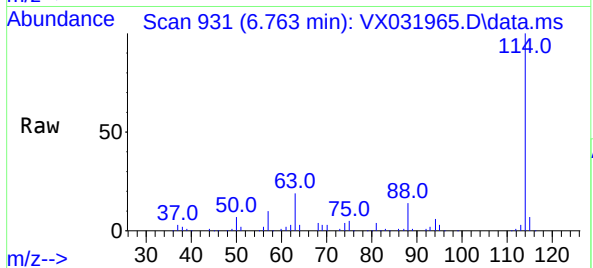




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

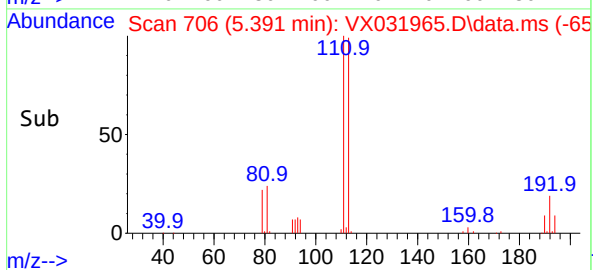
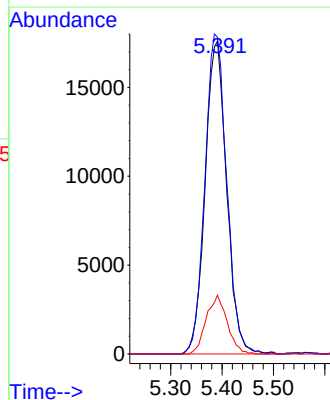
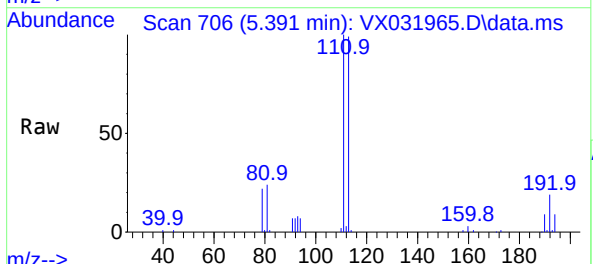
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810

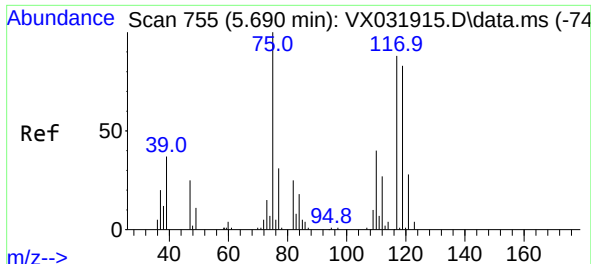
Tgt Ion:114 Resp: 89499
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.6
88 14.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.406 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Tgt Ion:113 Resp: 51065
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.3 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.317 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031965.D

Acq: 07 Oct 2022 16:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-808-810

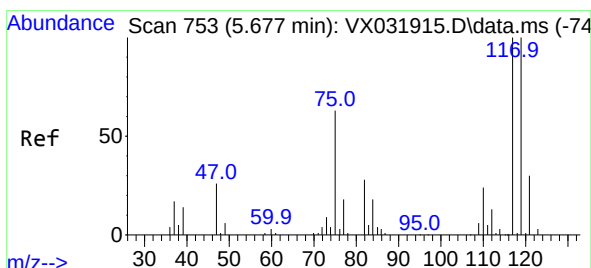
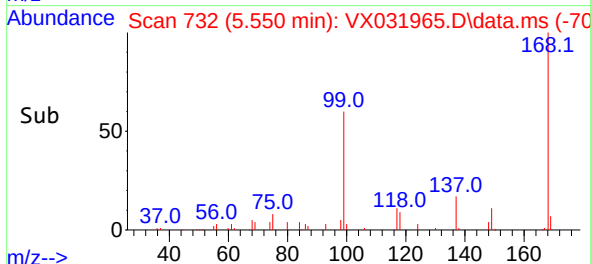
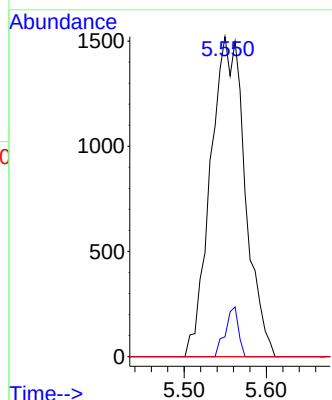
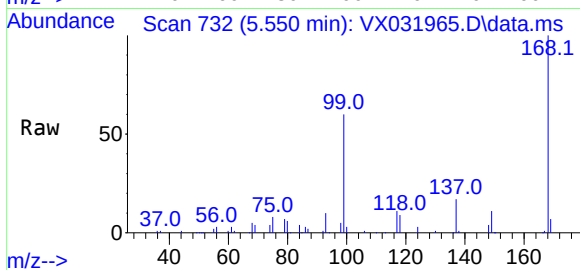
Tgt Ion: 75 Resp: 4456

Ion Ratio Lower Upper

75 100

110 5.8 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 0.604 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.007 min

Lab File: VX031965.D

Acq: 07 Oct 2022 16:21

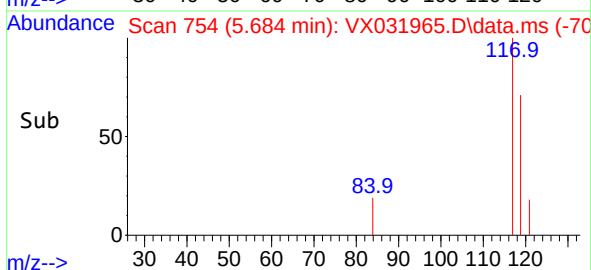
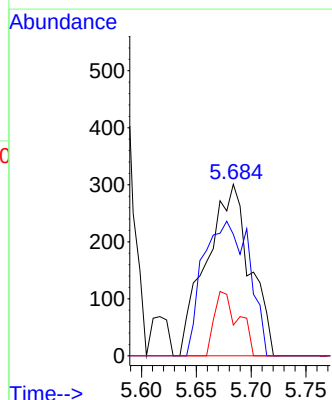
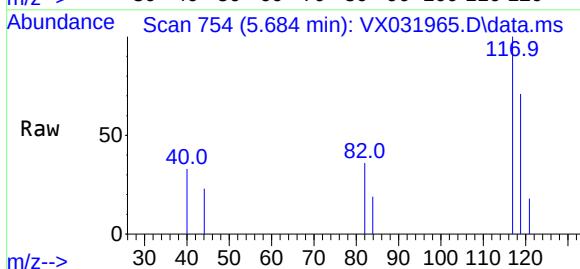
Tgt Ion: 117 Resp: 830

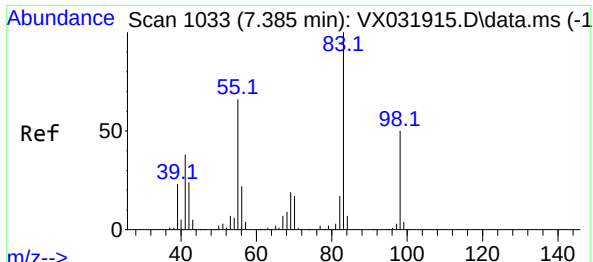
Ion Ratio Lower Upper

117 100

119 70.8 74.6 112.0#

121 17.9 25.3 37.9#

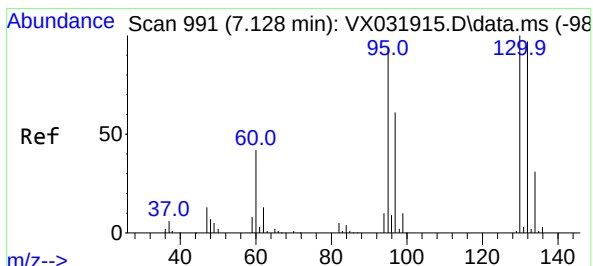
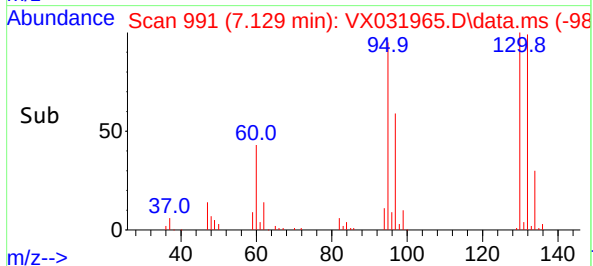
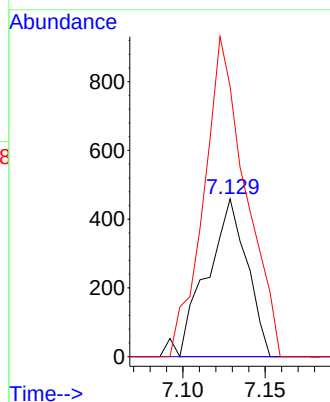
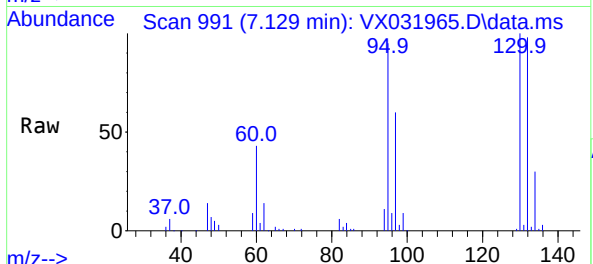




#39
Methylcyclohexane
Concen: 0.480 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

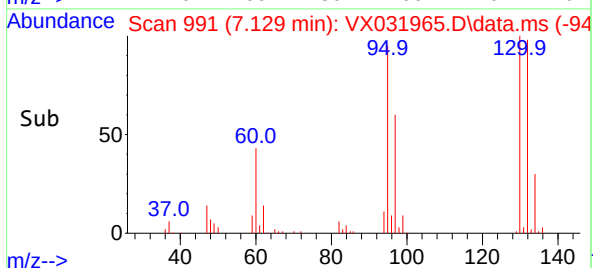
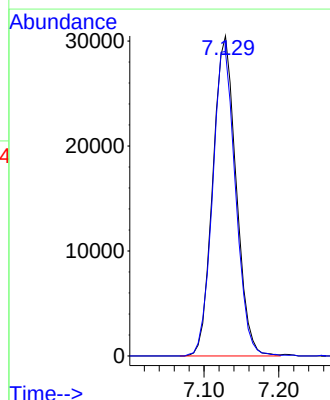
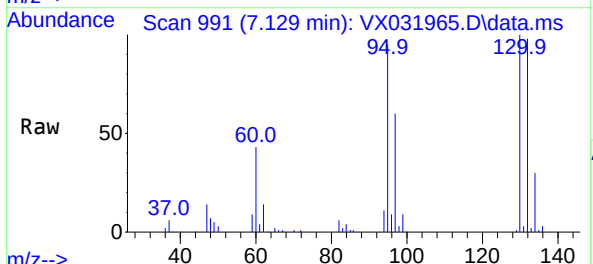
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810

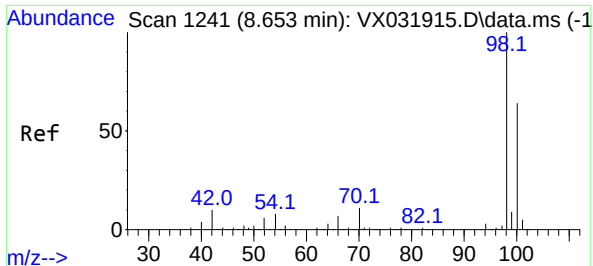
Tgt Ion: 83 Resp: 769
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 171.2 37.7 56.5#



#44
Trichloroethene
Concen: 57.146 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Tgt Ion:130 Resp: 65914
Ion Ratio Lower Upper
130 100
95 95.2 0.0 206.8

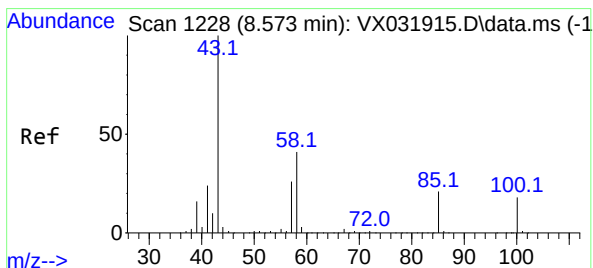
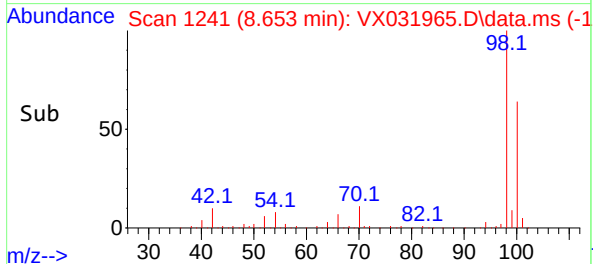
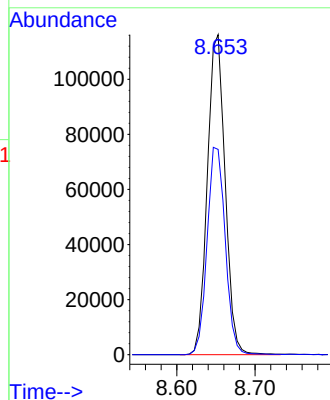
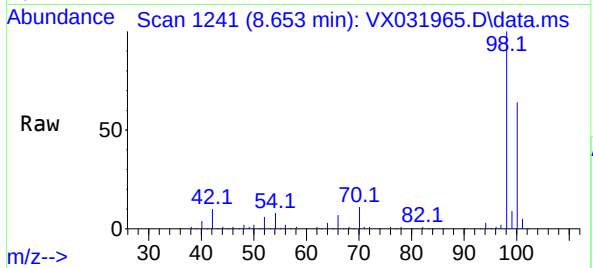




#50
Toluene-d8
Concen: 50.120 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

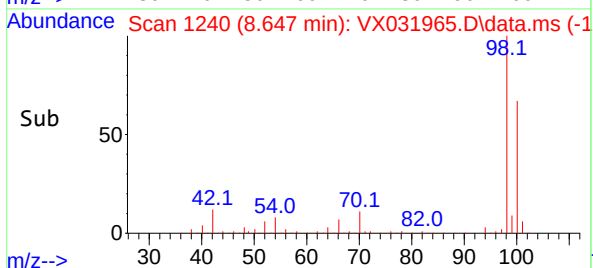
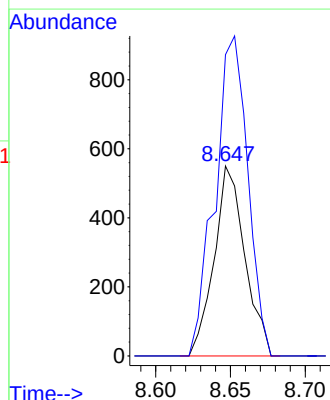
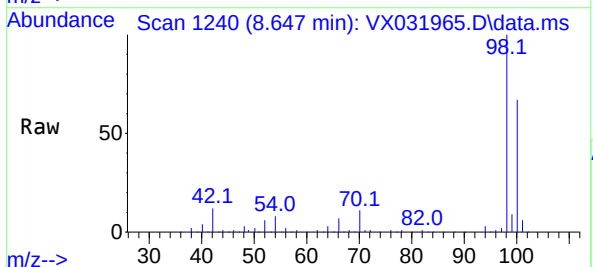
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810

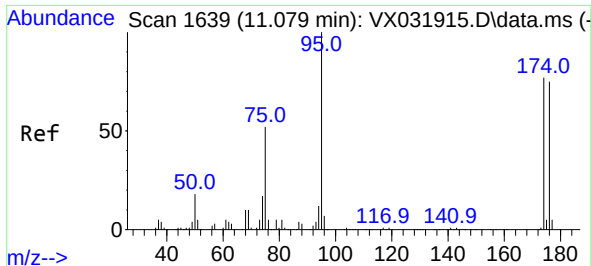
Tgt Ion: 98 Resp: 182709
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 180.8 30.6 46.0#

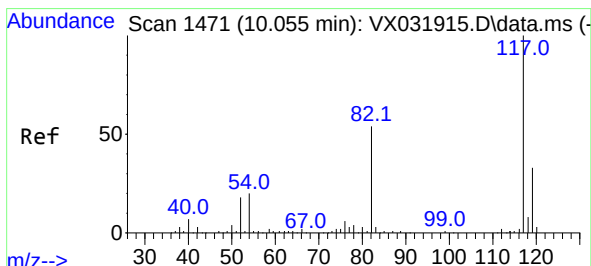
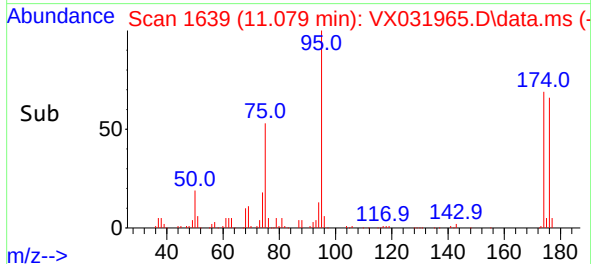
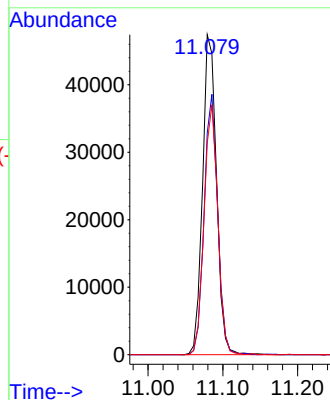
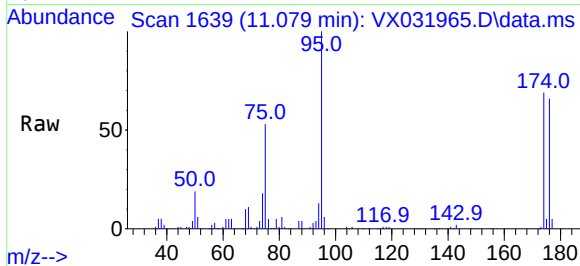




#62
4-Bromofluorobenzene
Concen: 47.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

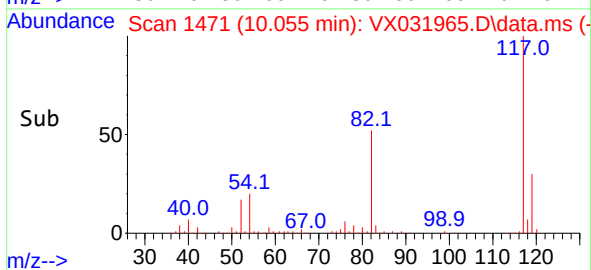
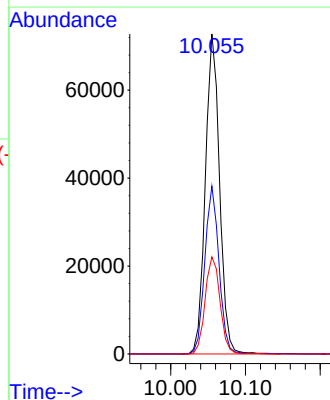
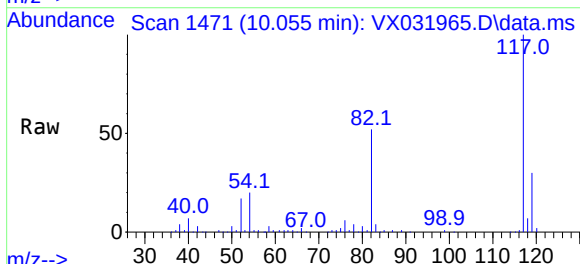
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810

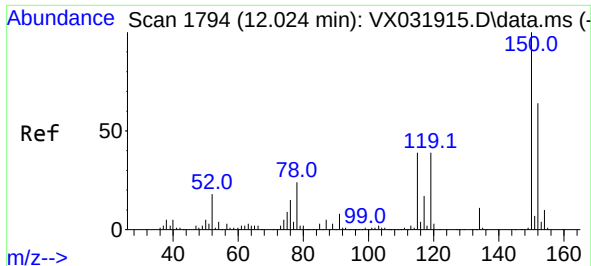
Tgt Ion: 95 Resp: 61479
Ion Ratio Lower Upper
95 100
174 78.7 0.0 153.2
176 76.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Tgt Ion: 117 Resp: 96125
Ion Ratio Lower Upper
117 100
82 52.5 46.8 70.2
119 30.3 26.4 39.6

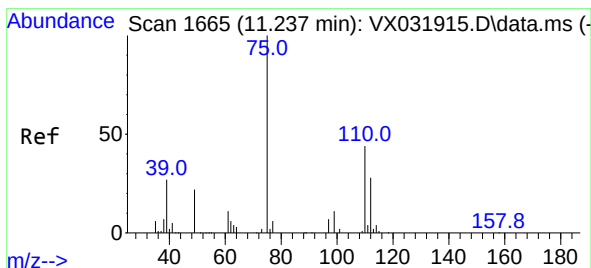
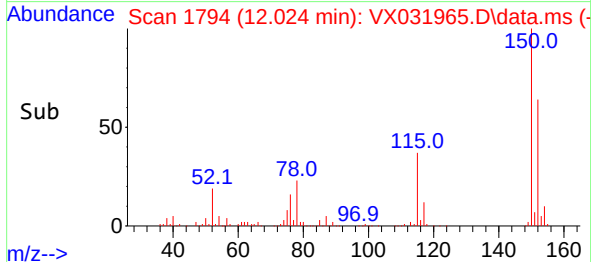
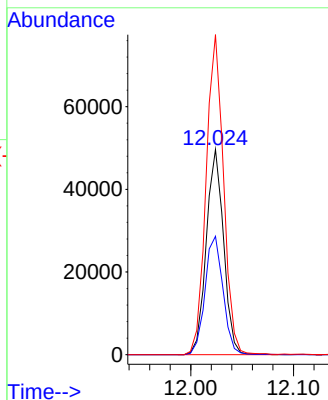
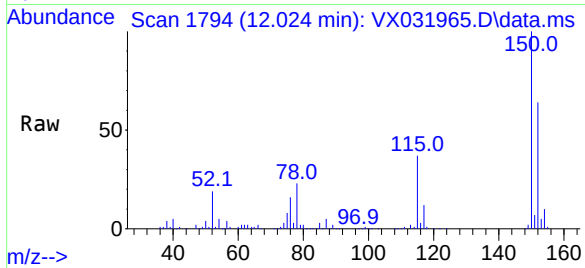




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

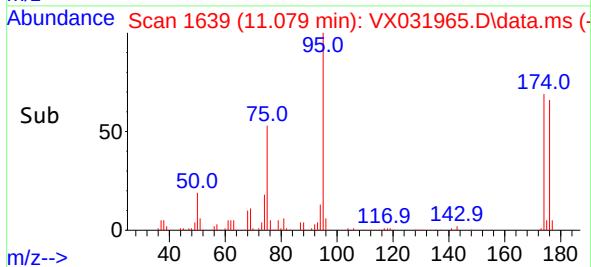
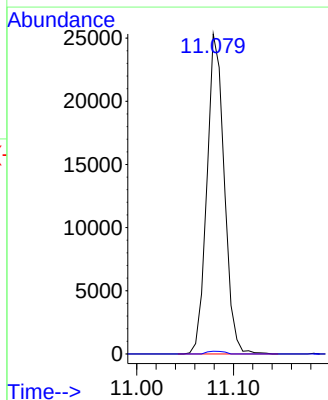
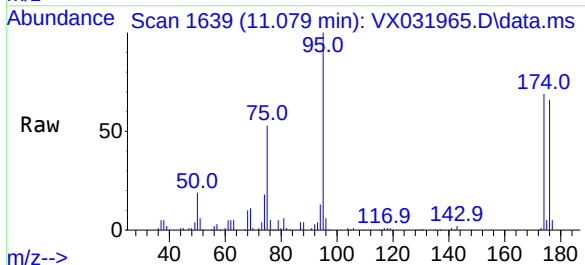
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810

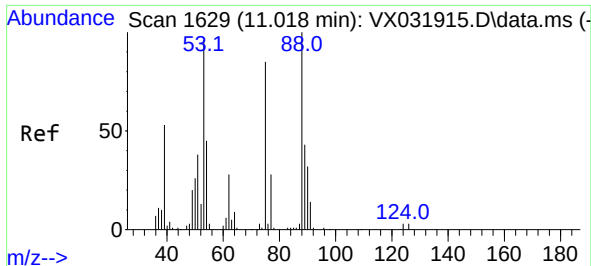
Tgt Ion:152 Resp: 58198
Ion Ratio Lower Upper
152 100
115 60.2 43.4 130.1
150 157.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 26.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

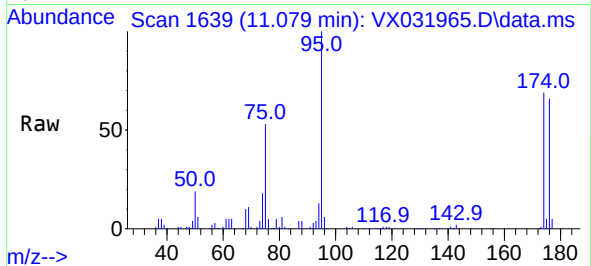
Tgt Ion: 75 Resp: 31610
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.875 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031965.D
Acq: 07 Oct 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-808-810



Tgt Ion: 75 Resp: 31610
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

