

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031722.D
 Acq On : 28 Sep 2022 13:20
 Operator : JC/MD
 Sample : N4848-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-598-600

Quant Time: Sep 29 04:30:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

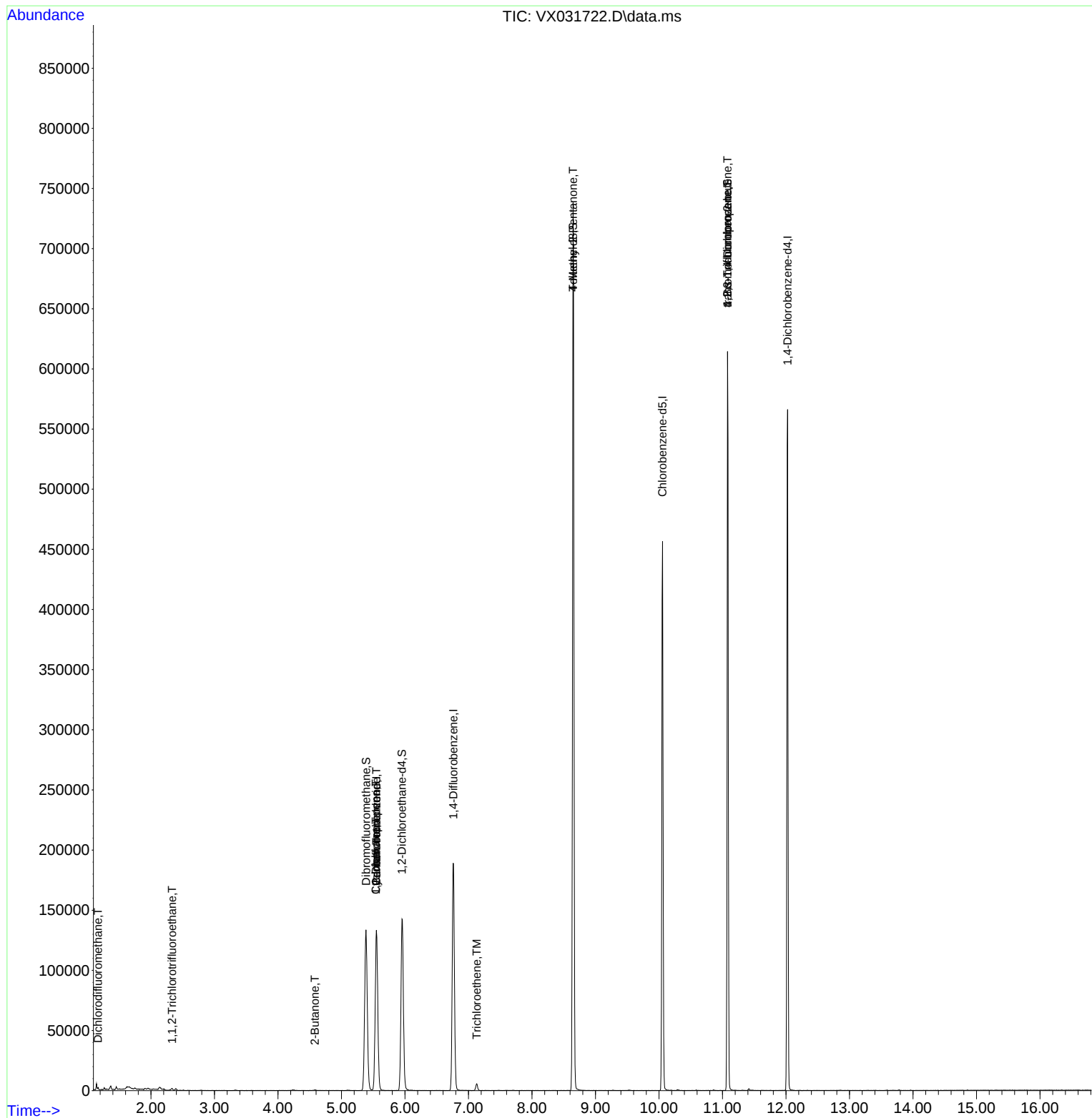
Internal Standards						
1) Pentafluorobenzene	5.550	168	125036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137485	51.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.620%	
35) Dibromofluoromethane	5.385	113	110907	46.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.620%	
50) Toluene-d8	8.647	98	433281	50.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	11.079	95	147912	46.986	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	853	0.561	ug/l	98
3) Chloromethane	1.288	50	104	Below Cal	#	41
5) Bromomethane	1.618	94	476	Below Cal		89
6) Chloroethane	1.587	64	20	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	779	0.469	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	62	Below Cal	#	58
13) Acrolein	2.246	56	20	Below Cal	#	15
16) Acetone	2.386	43	1915	Below Cal		91
17) Carbon Disulfide	2.514	76	435	Below Cal	#	75
20) Methylene Chloride	2.788	84	85	Below Cal	#	74
25) 2-Butanone	4.581	43	707	0.558	ug/l #	88
31) Cyclohexane	5.544	56	2960	1.173	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	9914	3.644	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12717	4.147	ug/l #	17
44) Trichloroethene	7.129	130	2162	0.916	ug/l	94
49) 1,4-Dioxane	7.708	88	146	Below Cal	#	81
51) 4-Methyl-2-Pentanone	8.647	43	1821	0.666	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81118	39.229	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	81118	128.362	ug/l #	11

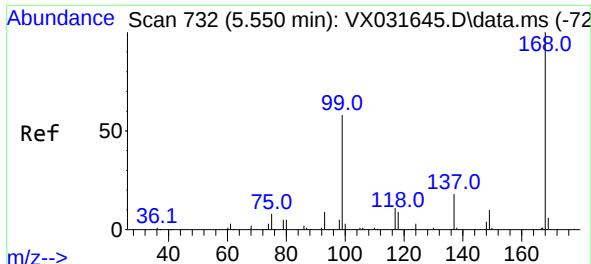
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

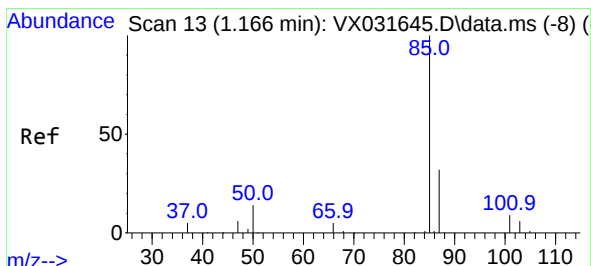
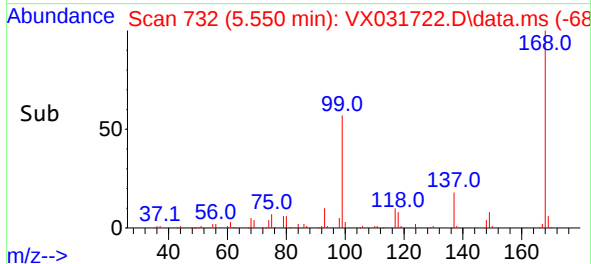
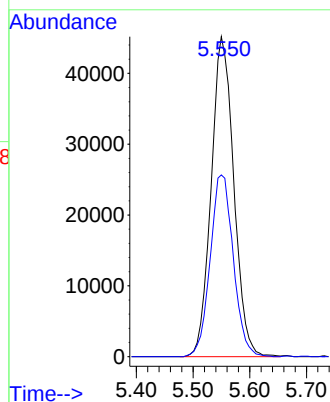
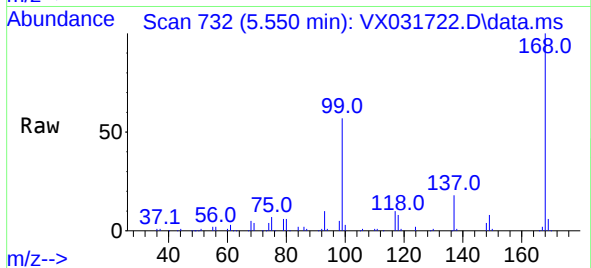




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

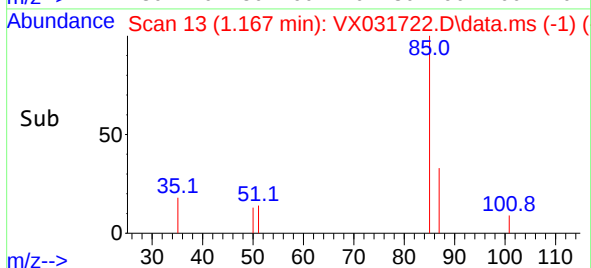
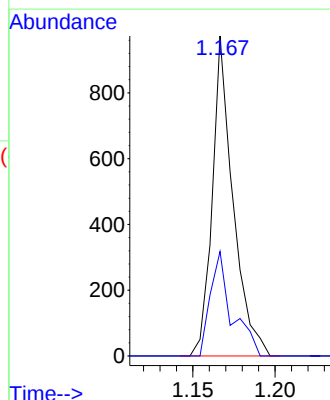
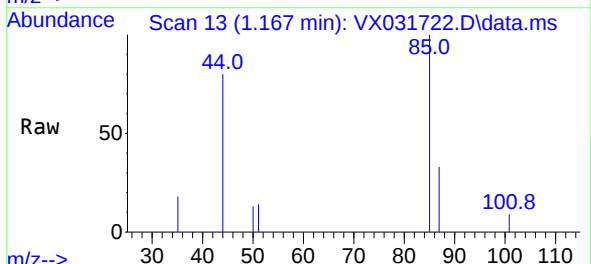
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

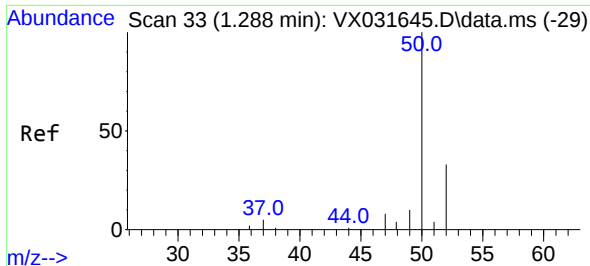
Tgt Ion:168 Resp: 125036
Ion Ratio Lower Upper
168 100
99 56.8 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.561 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 85 Resp: 853
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4

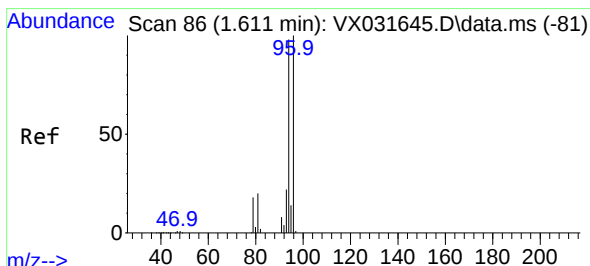
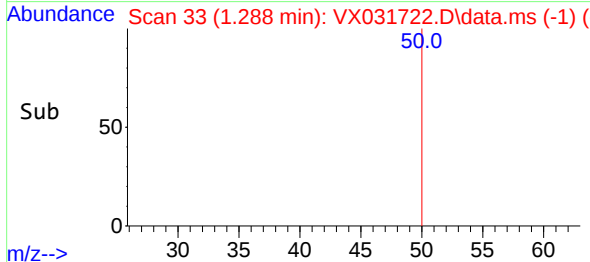
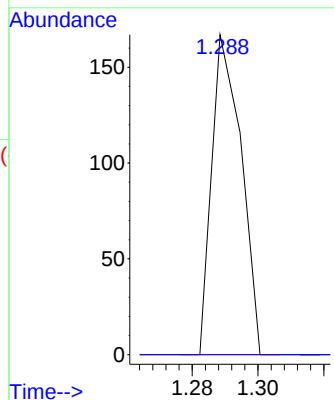
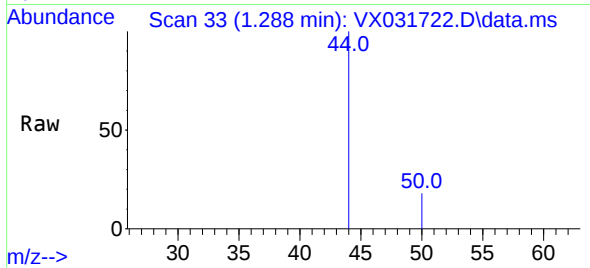




#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

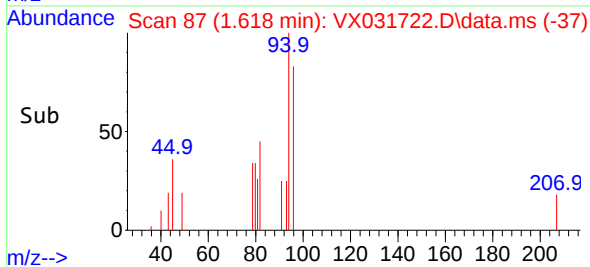
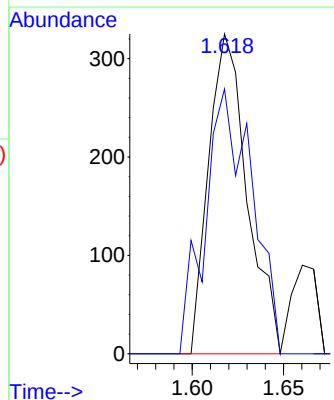
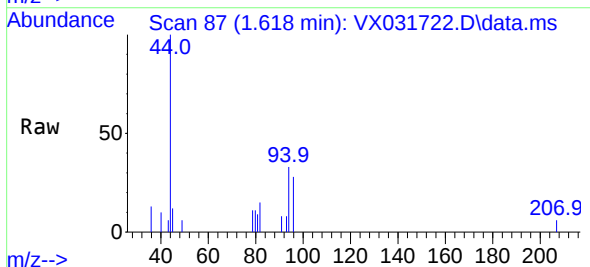
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

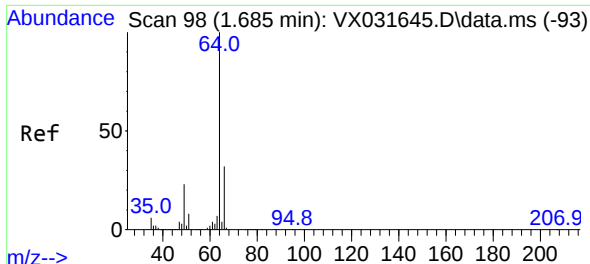
Tgt Ion: 50 Resp: 104
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 94 Resp: 476
Ion Ratio Lower Upper
94 100
96 82.8 74.4 111.6

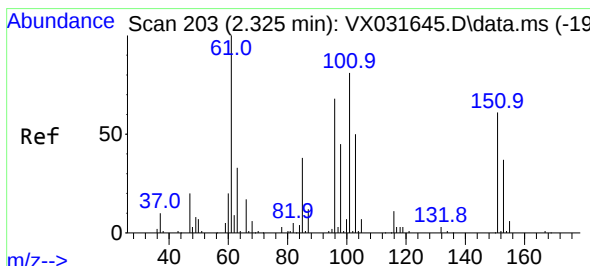
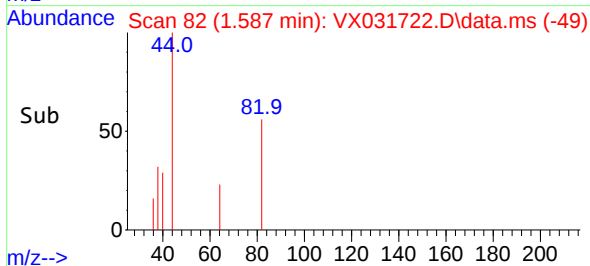
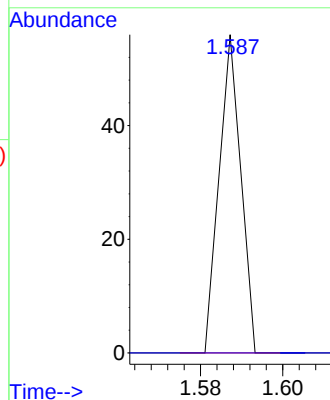
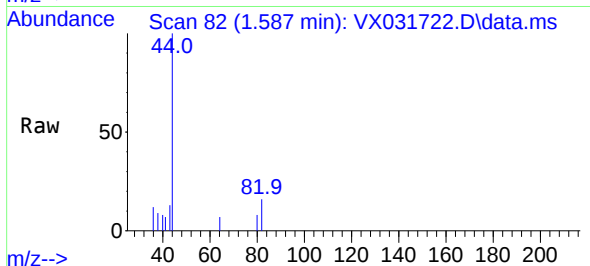




#6
Chloroethane
Concen: Below Cal
RT: 1.587 min Scan# 81
Delta R.T. -0.098 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

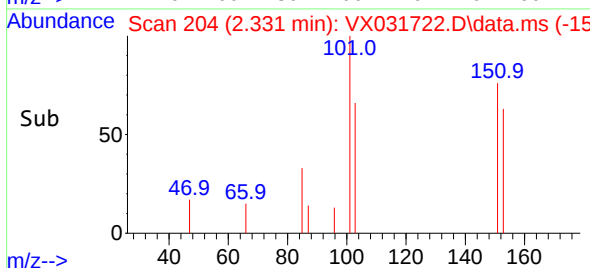
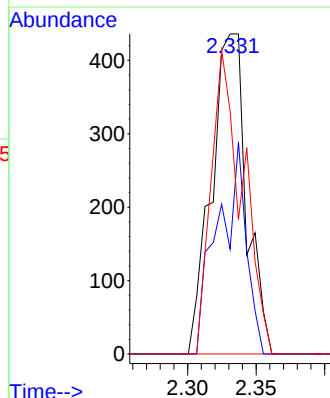
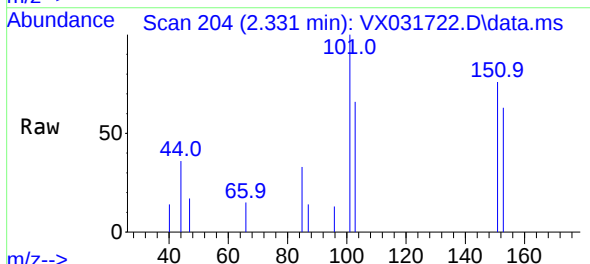
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

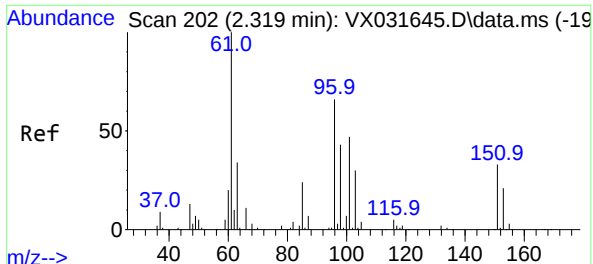
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.469 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 101 Resp: 779
Ion Ratio Lower Upper
101 100
85 52.9 38.6 57.8
151 84.6 54.0 81.0#

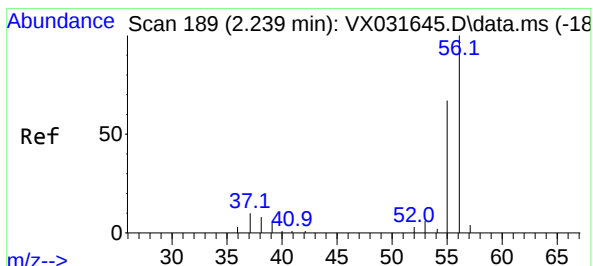
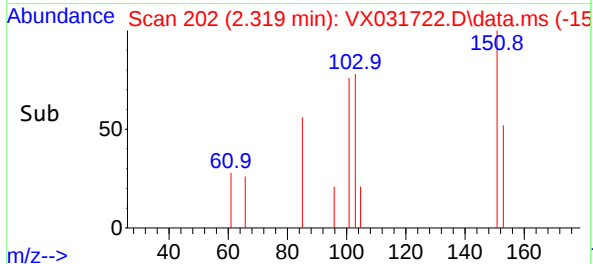
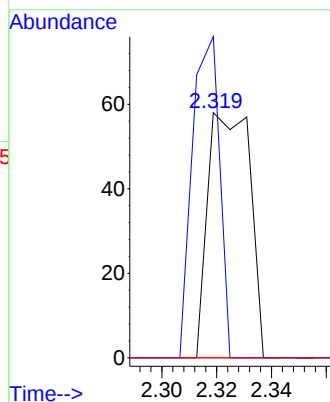
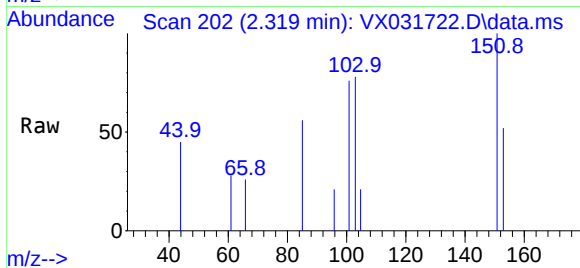




#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

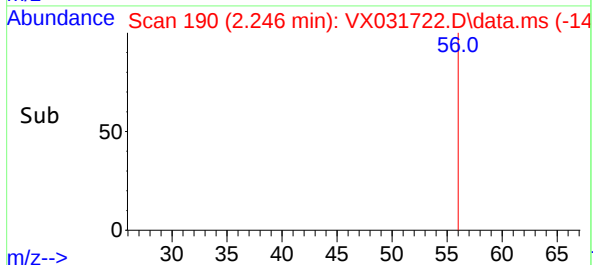
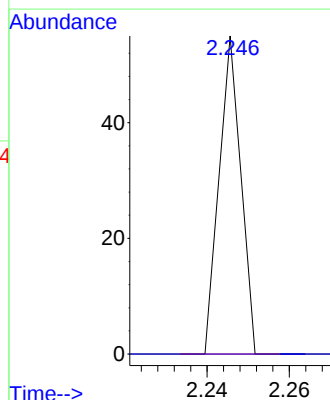
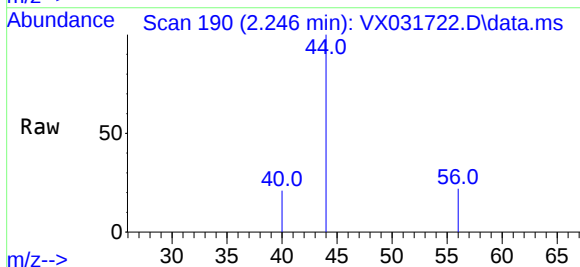
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

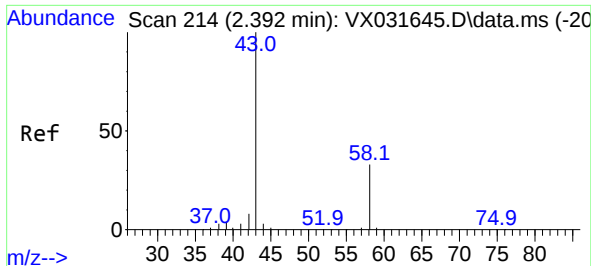
Tgt Ion: 96 Resp: 62
Ion Ratio Lower Upper
96 100
61 131.0 135.3 202.9#
98 0.0 49.4 74.2#



#13
Acrolein
Concen: Below Cal
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

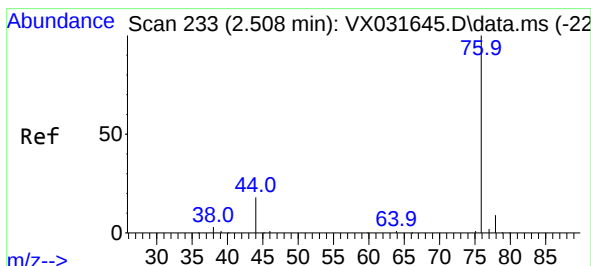
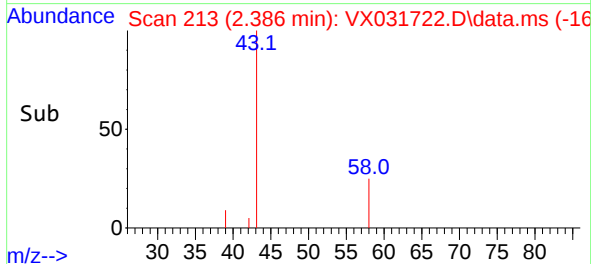
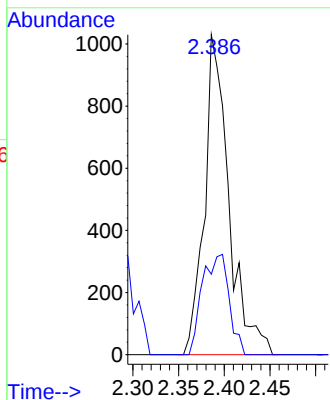
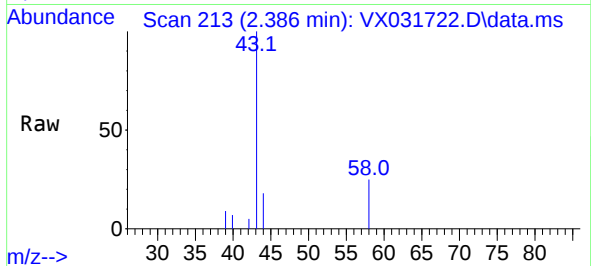




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

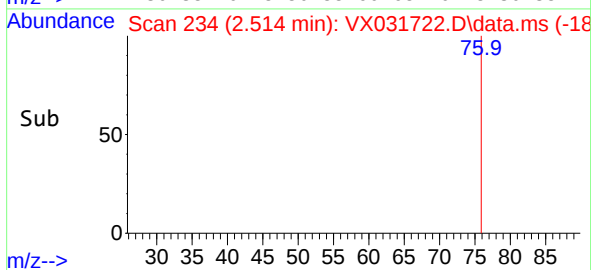
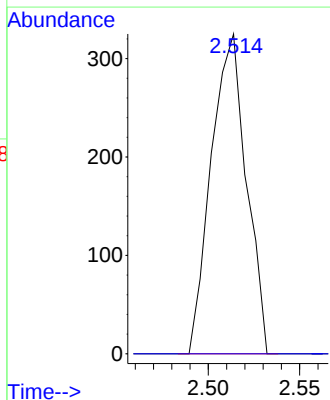
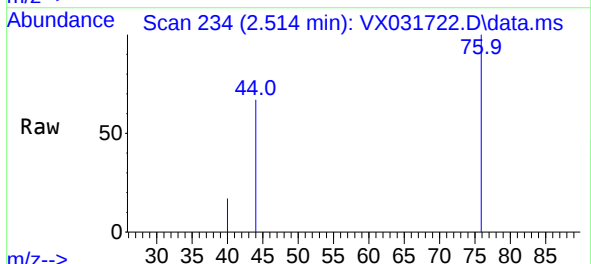
Instrument :
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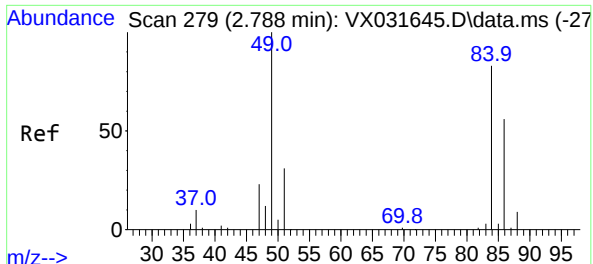
Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 25.1 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 76 Resp: 435
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

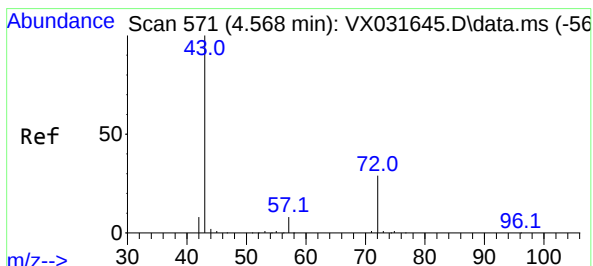
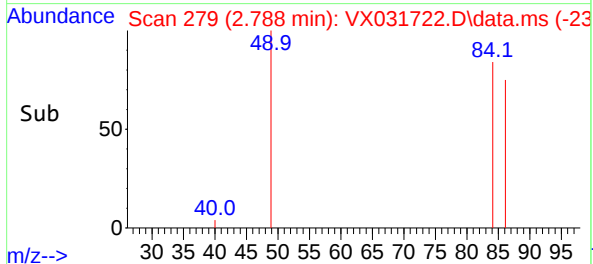
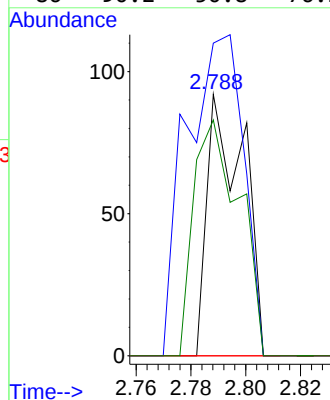
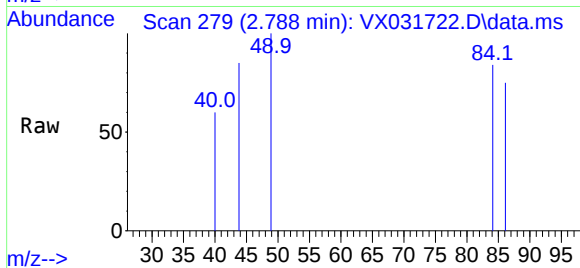




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

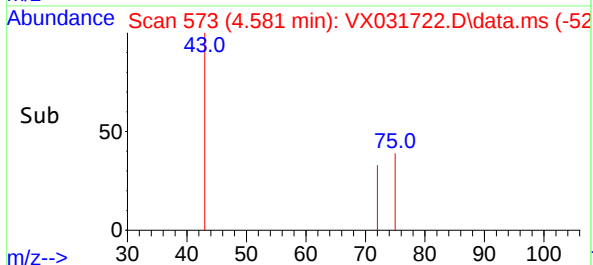
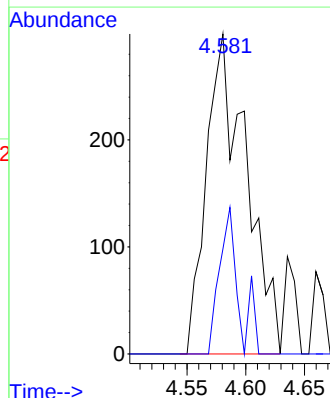
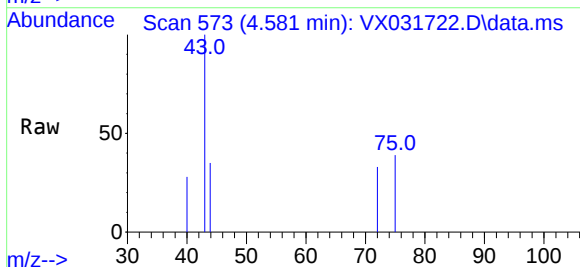
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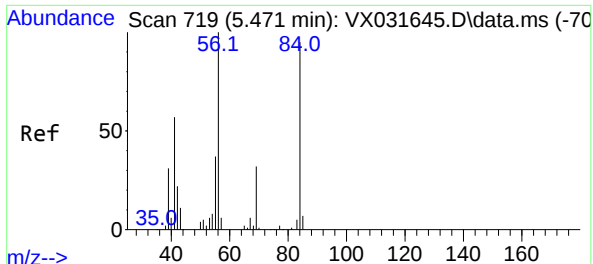
Tgt Ion:	84	Resp:	85
Ion	Ratio	Lower	Upper
84	100		
49	119.6	105.9	158.9
51	0.0	32.2	48.2#
86	90.2	50.8	76.2#



#25
2-Butanone
Concen: 0.558 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.019 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

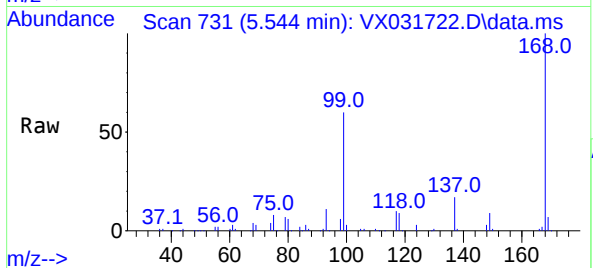
Tgt Ion:	43	Resp:	707
Ion	Ratio	Lower	Upper
43	100		
72	32.8	21.1	31.7#



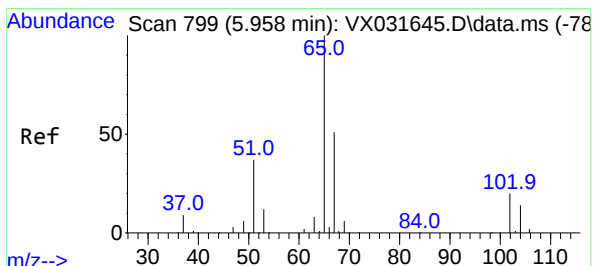
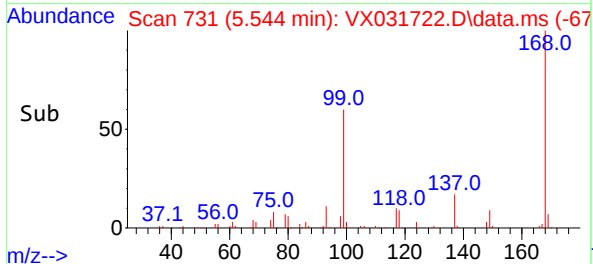
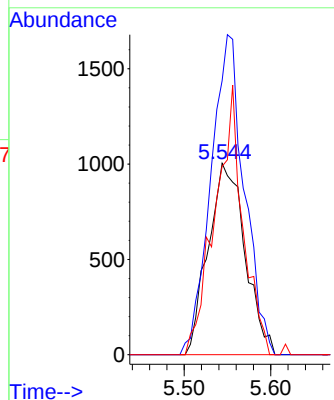


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

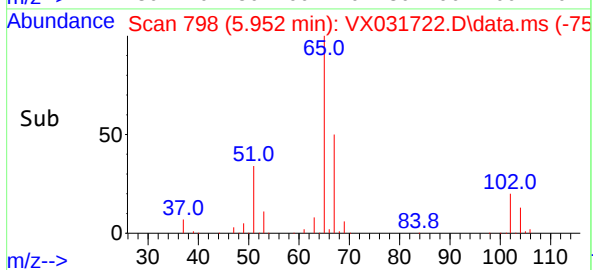
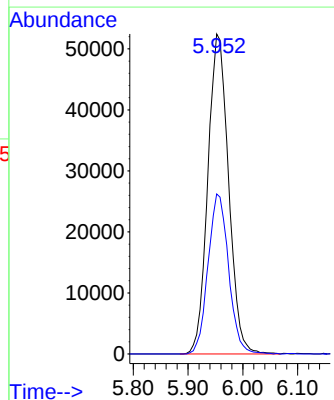
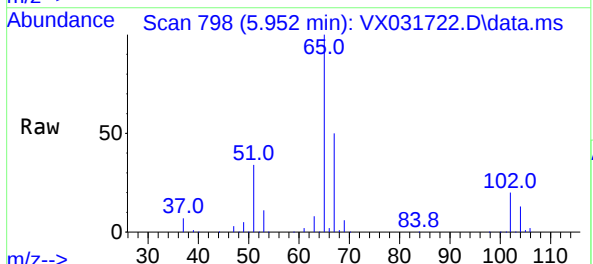


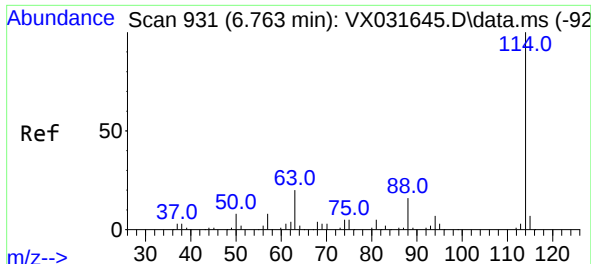
Tgt Ion: 56 Resp: 2960
Ion Ratio Lower Upper
56 100
69 143.1 25.1 37.7#
84 104.5 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 51.807 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 65 Resp: 137485
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.4

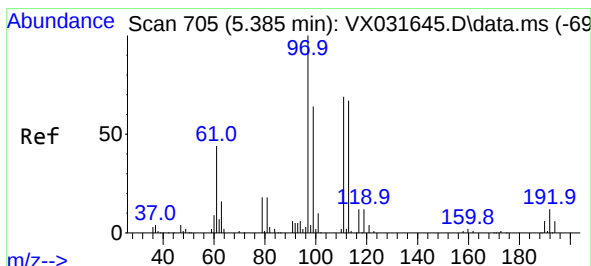
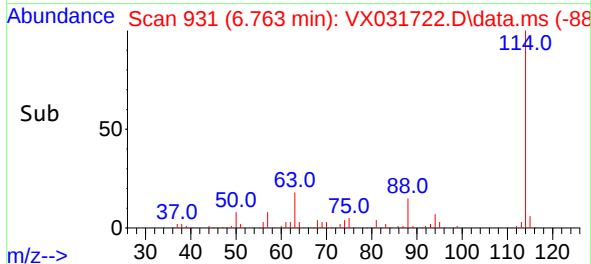
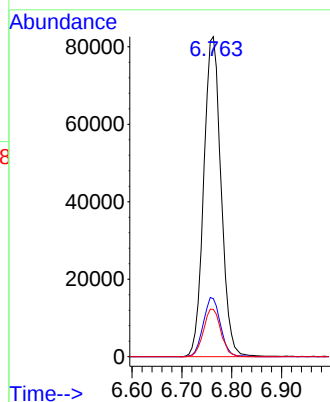
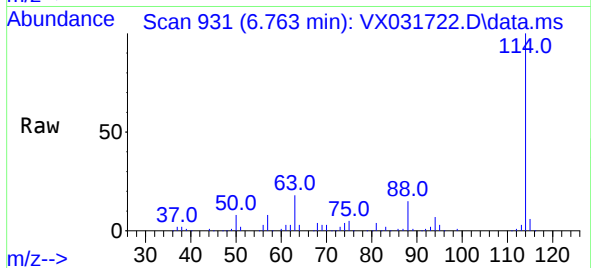




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

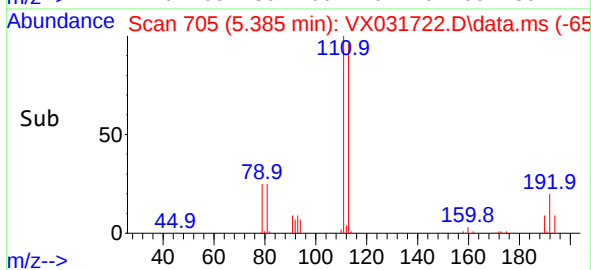
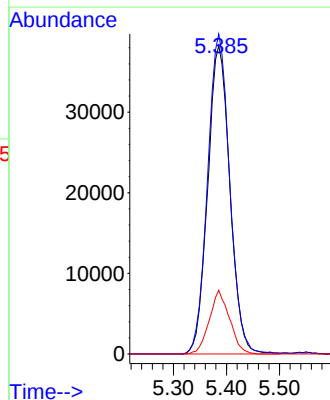
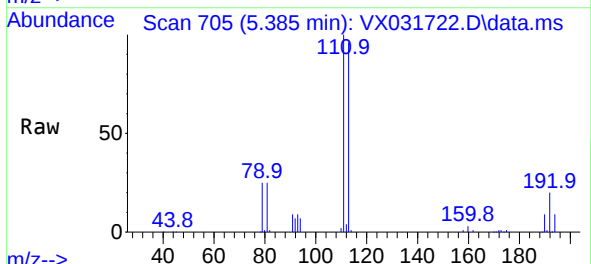
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

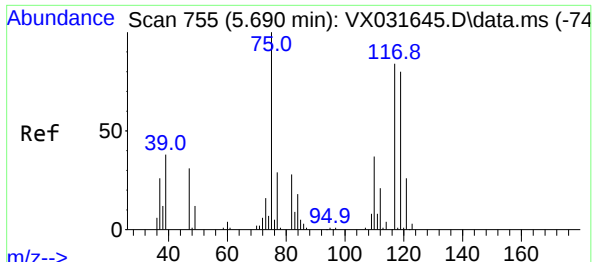
Tgt Ion:114 Resp: 198830
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.6
88 14.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.814 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion:113 Resp: 110907
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 18.9 14.1 21.1

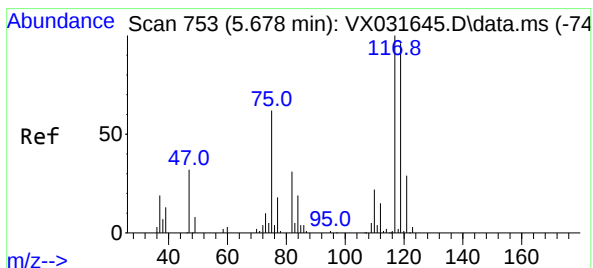
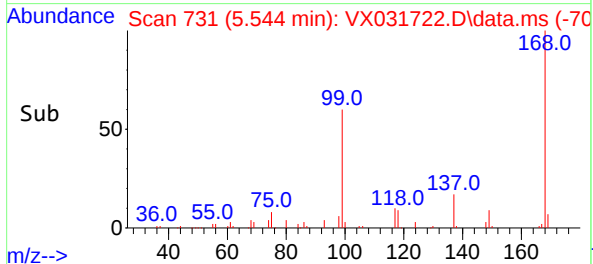
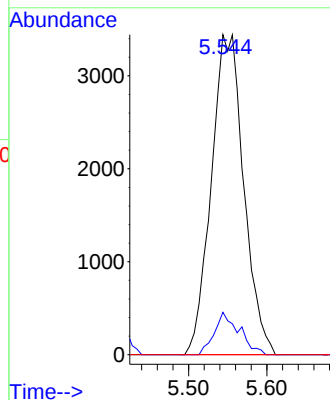
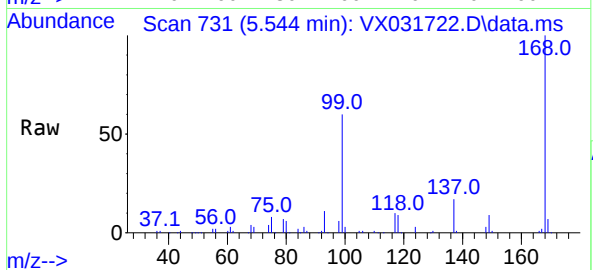




#36
1,1-Dichloropropene
Concen: 3.644 ug/l
RT: 5.544 min Scan# 714
Delta R.T. -0.146 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

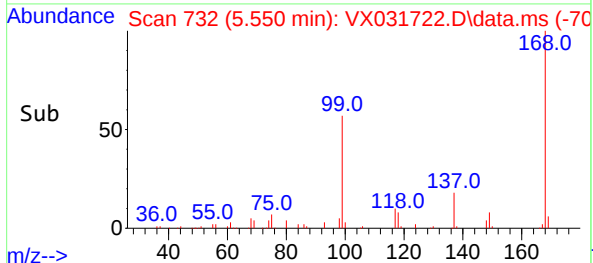
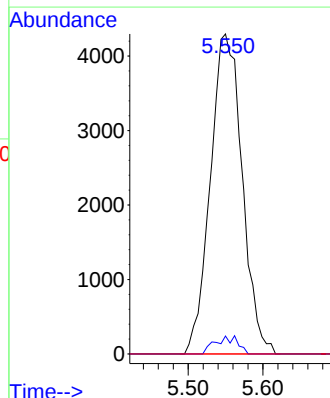
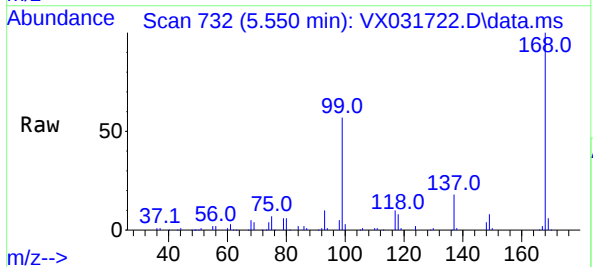
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-598-600

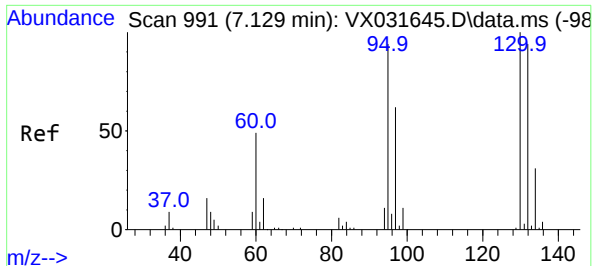
Tgt Ion: 75	Resp: 9914
Ion Ratio	Lower Upper
75 100	
110 10.2	17.5 52.5#
77 0.0	24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.147 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 117	Resp: 12717
Ion Ratio	Lower Upper
117 100	
119 5.6	74.6 112.0#
121 0.0	25.3 37.9#

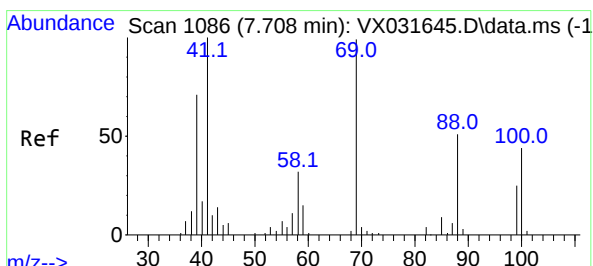
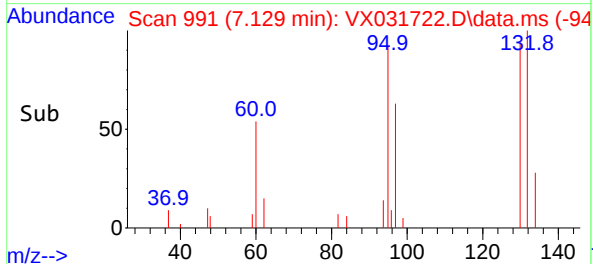
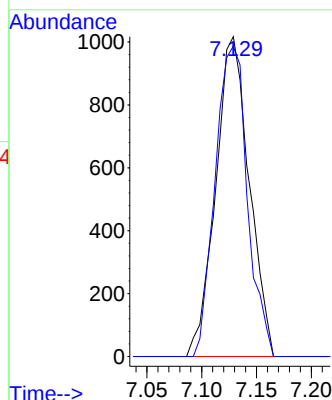
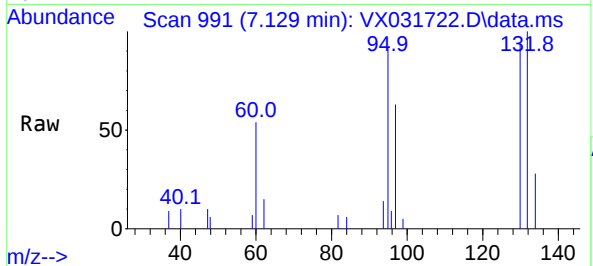




#44
Trichloroethene
Concen: 0.916 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

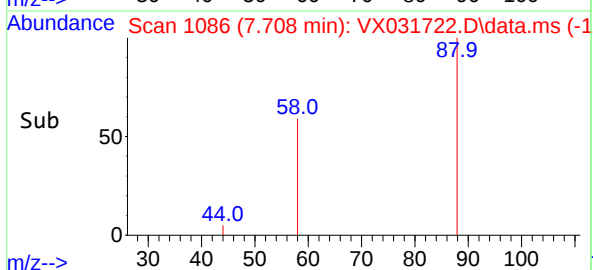
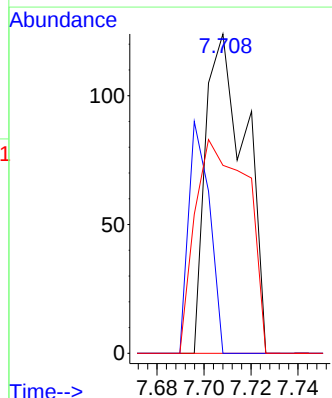
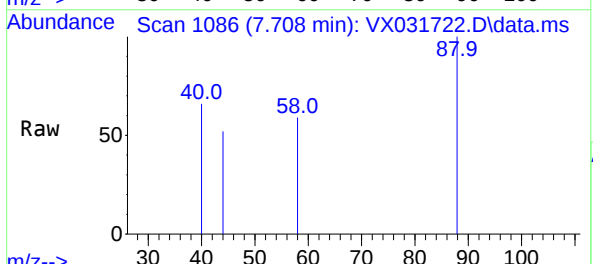
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

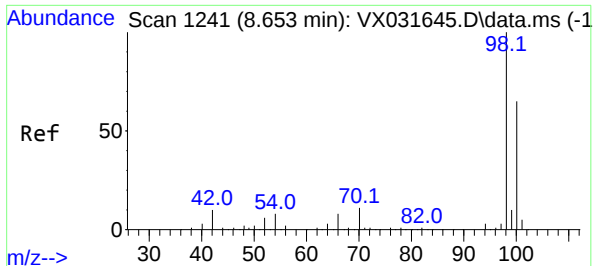
Tgt Ion:130 Resp: 2162
Ion Ratio Lower Upper
130 100
95 97.1 0.0 206.8



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.708 min Scan# 1086
Delta R.T. 0.024 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 88 Resp: 146
Ion Ratio Lower Upper
88 100
43 38.4 27.1 40.7
58 87.7 53.9 80.9#

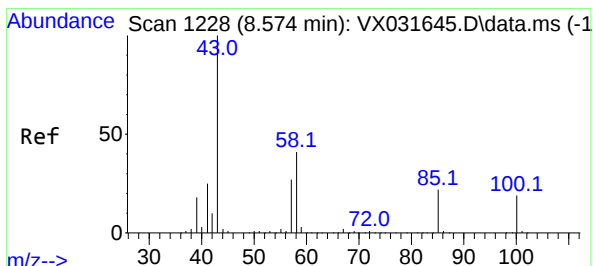
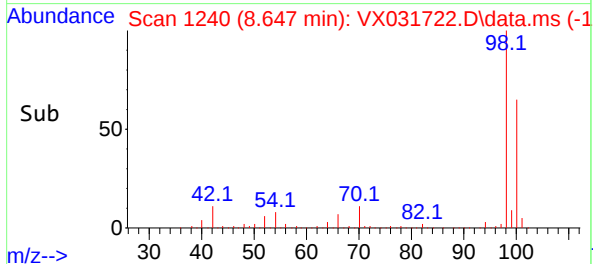
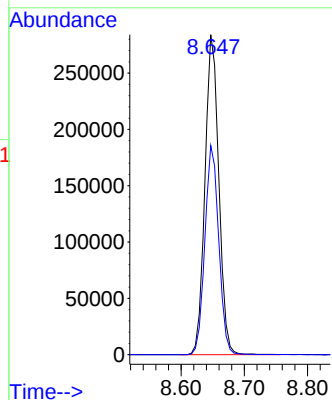
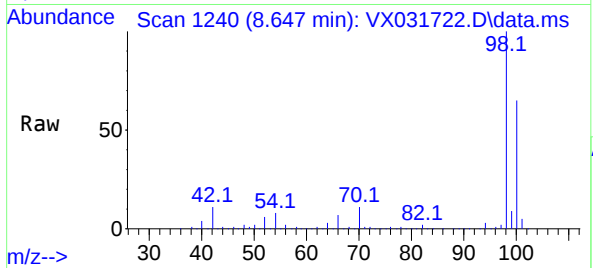




#50
Toluene-d8
Concen: 50.446 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

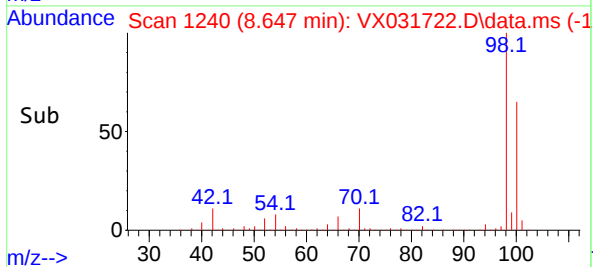
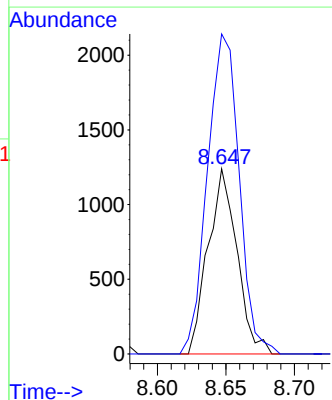
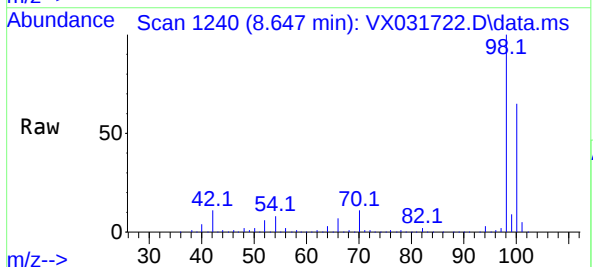
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

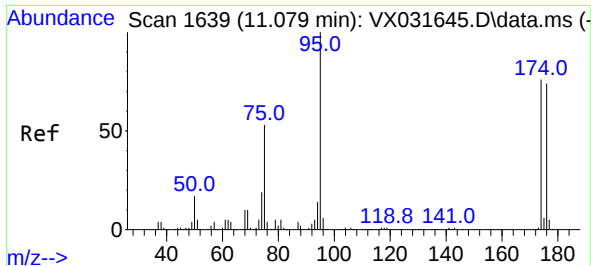
Tgt Ion: 98 Resp: 433281
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.666 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
58 189.4 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 46.986 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031722.D

Acq: 28 Sep 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-598-600

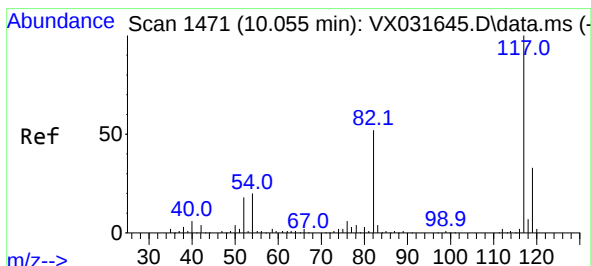
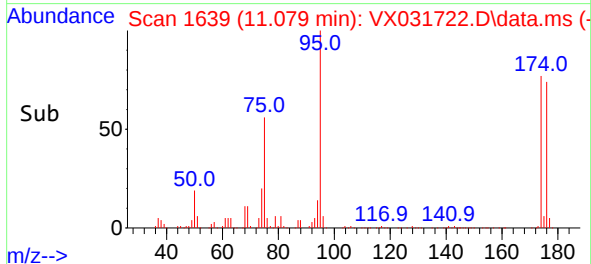
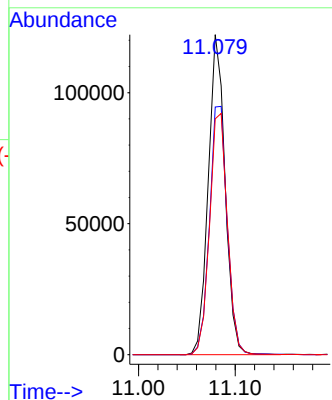
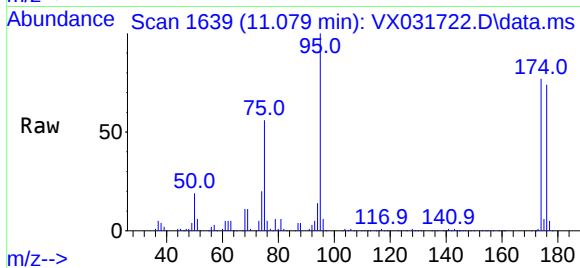
Tgt Ion: 95 Resp: 147912

Ion Ratio Lower Upper

95 100

174 82.2 0.0 153.2

176 80.1 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: VX031722.D

Acq: 28 Sep 2022 13:20

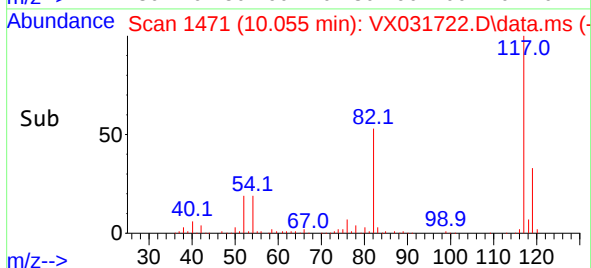
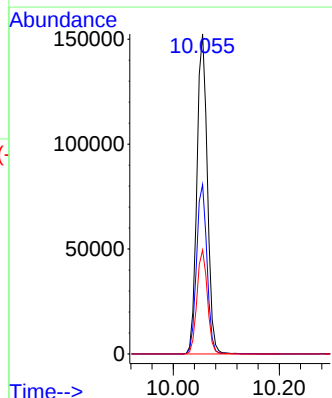
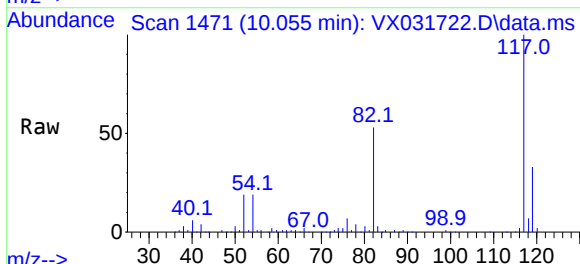
Tgt Ion: 117 Resp: 207918

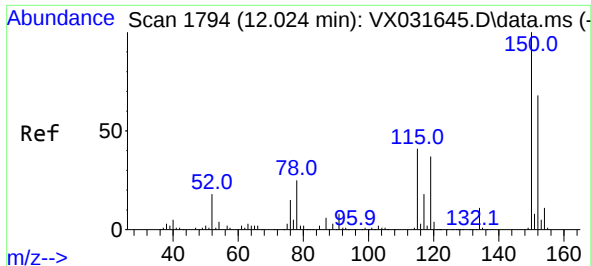
Ion Ratio Lower Upper

117 100

82 53.0 46.8 70.2

119 32.5 26.4 39.6

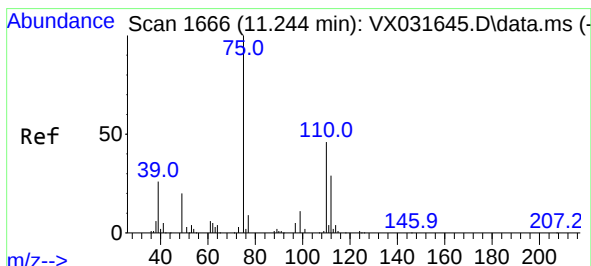
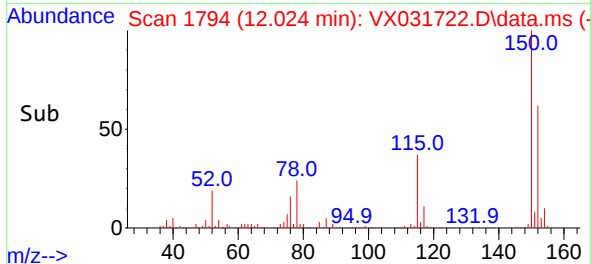
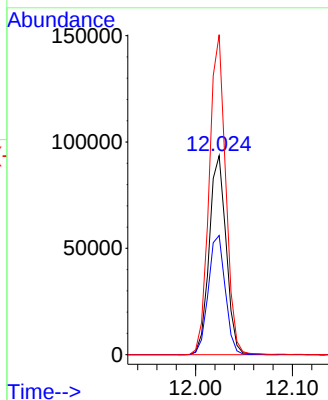
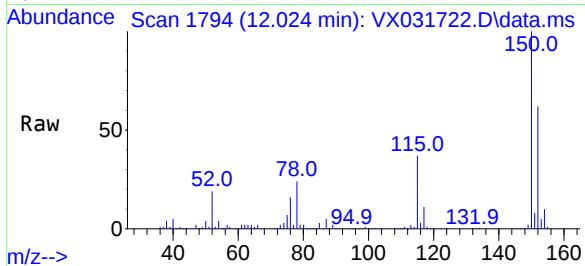




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

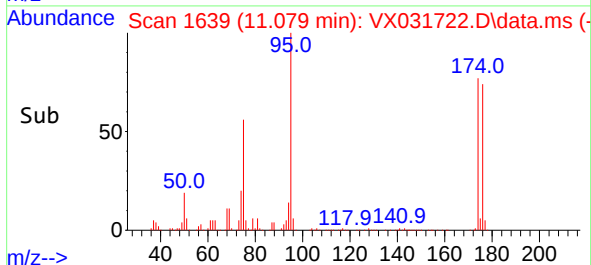
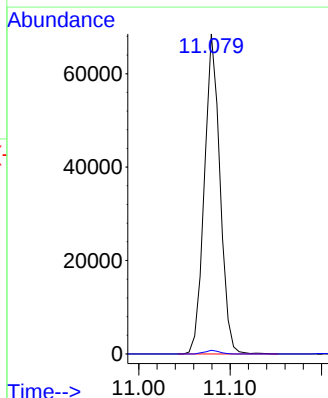
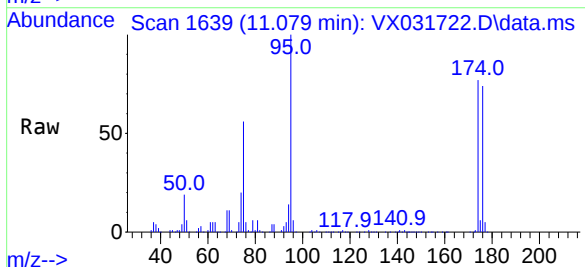
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-598-600

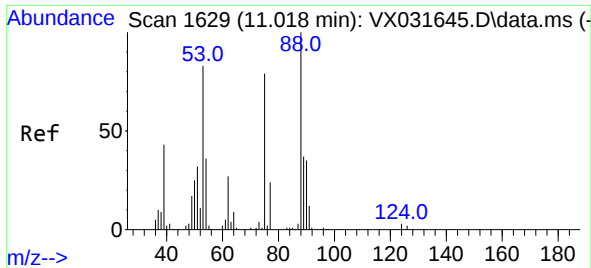
Tgt Ion:152 Resp: 114063
Ion Ratio Lower Upper
152 100
115 60.1 43.4 130.1
150 156.5 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 39.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031722.D
Acq: 28 Sep 2022 13:20

Tgt Ion: 75 Resp: 81118
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.362 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031722.D
 Acq: 28 Sep 2022 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-598-600

Tgt Ion: 75 Resp: 81118
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

