

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031723.D
 Acq On : 28 Sep 2022 13:43
 Operator : JC/MD
 Sample : N4848-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-628-630

Quant Time: Sep 29 04:30:55 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)

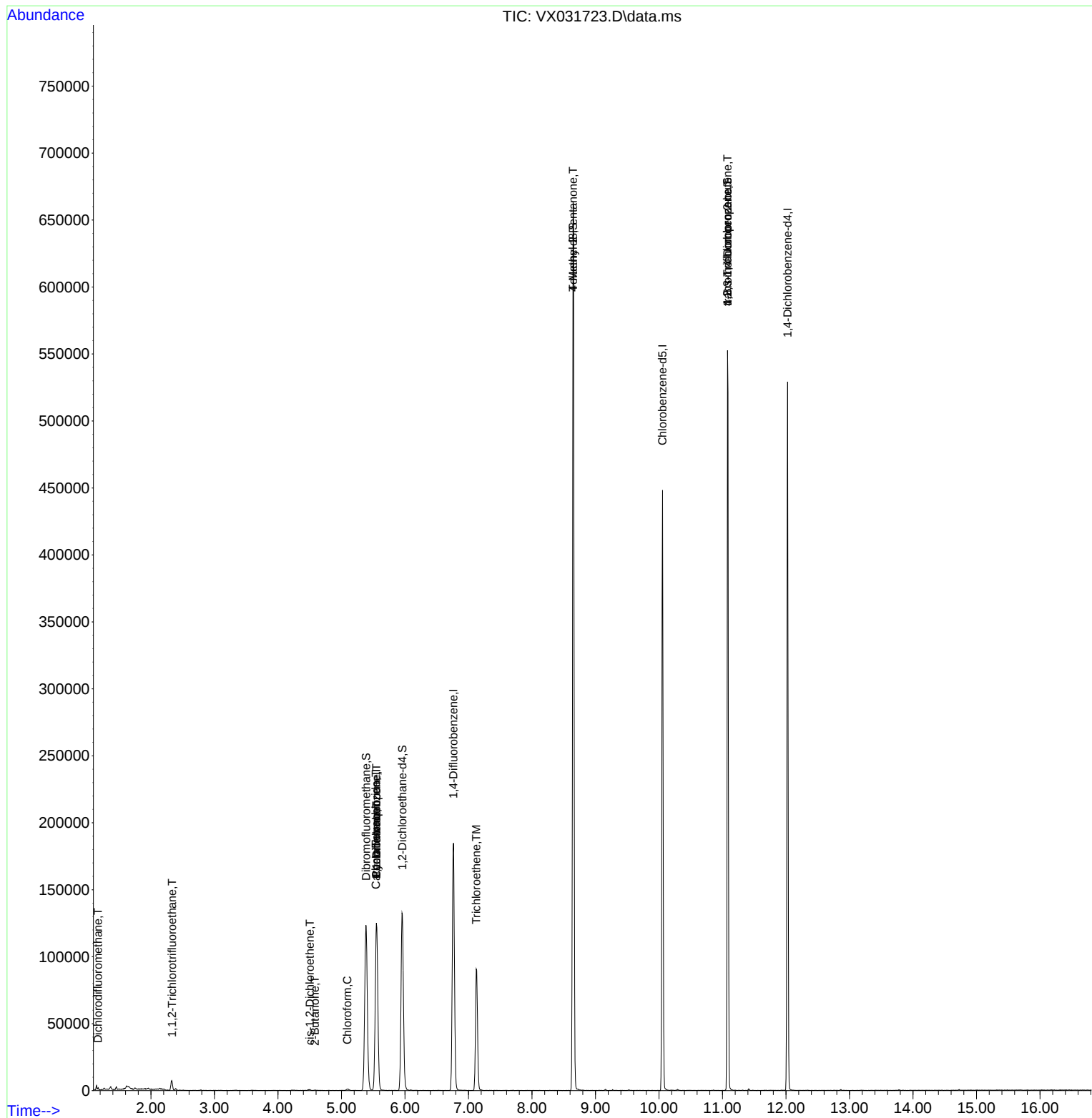
Internal Standards						
1) Pentafluorobenzene	5.550	168	119535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127084	50.092	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.180%	
35) Dibromofluoromethane	5.385	113	103522	45.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.160%	
50) Toluene-d8	8.647	98	403645	49.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.040%	
62) 4-Bromofluorobenzene	11.079	95	136530	45.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	840	0.577	ug/l	88
3) Chloromethane	1.288	50	26	Below Cal	#	41
5) Bromomethane	1.618	94	486	Below Cal	#	68
6) Chloroethane	1.673	64	23	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	2408	1.515	ug/l	92
12) 1,1-Dichloroethene	2.319	96	678	Below Cal	#	85
16) Acetone	2.392	43	1503	Below Cal		97
17) Carbon Disulfide	2.508	76	233	Below Cal	#	75
20) Methylene Chloride	2.776	84	146	Below Cal	#	31
25) 2-Butanone	4.581	43	313	0.258	ug/l #	49
27) cis-1,2-Dichloroethene	4.501	96	593	0.276	ug/l	45
30) Chloroform	5.093	83	1518	0.398	ug/l #	79
31) Cyclohexane	5.550	56	2591	1.074	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9758	3.741	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12600	4.287	ug/l #	15
44) Trichloroethene	7.123	130	35062	15.497	ug/l	92
49) 1,4-Dioxane	7.696	88	110	Below Cal	#	45
51) 4-Methyl-2-Pentanone	8.647	43	1665	0.635	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	74695	39.648	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	74695	129.702	ug/l #	11

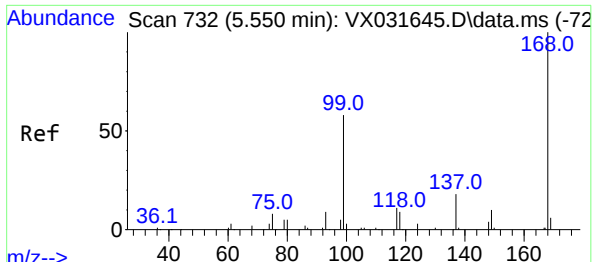
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW5-GW-628-630

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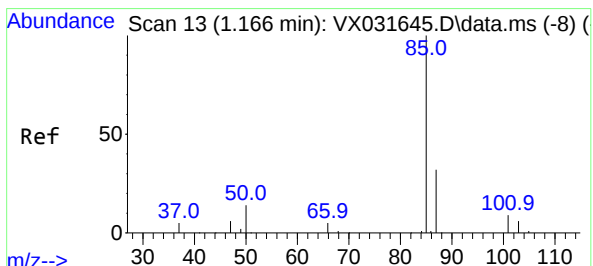
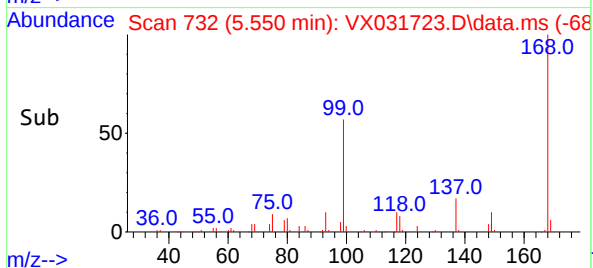
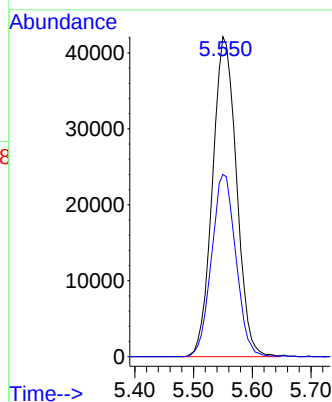
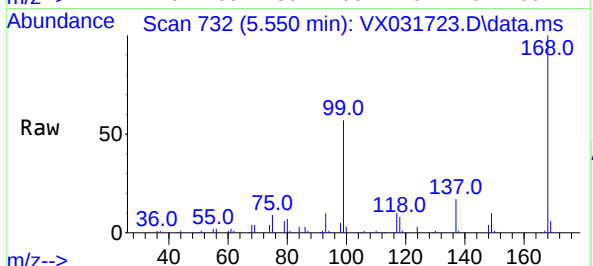




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

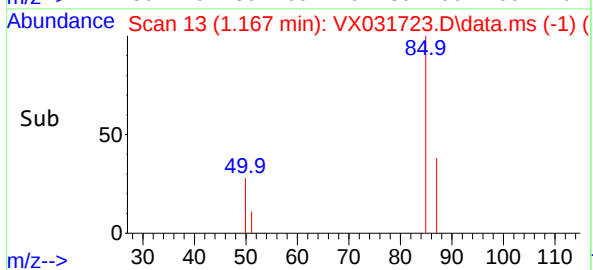
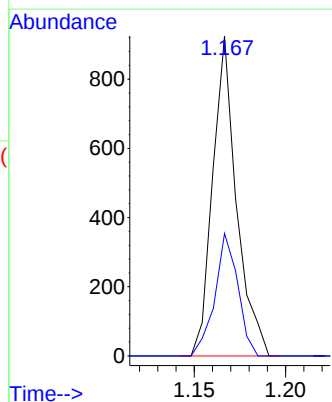
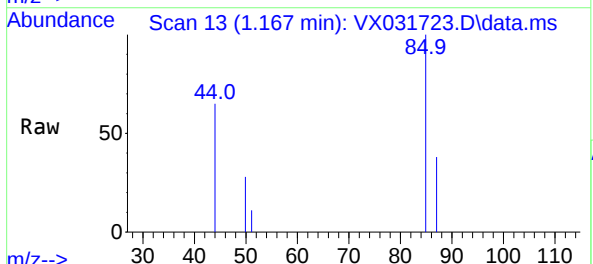
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

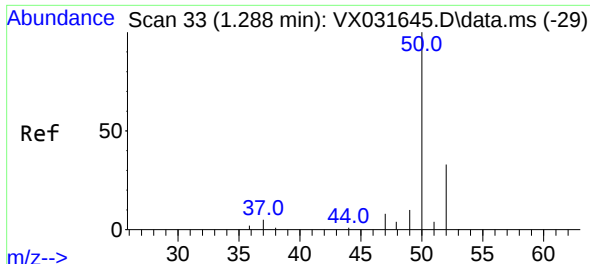
Tgt Ion:168 Resp: 119535
Ion Ratio Lower Upper
168 100
99 57.0 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.577 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion: 85 Resp: 840
Ion Ratio Lower Upper
85 100
87 38.3 15.8 47.4

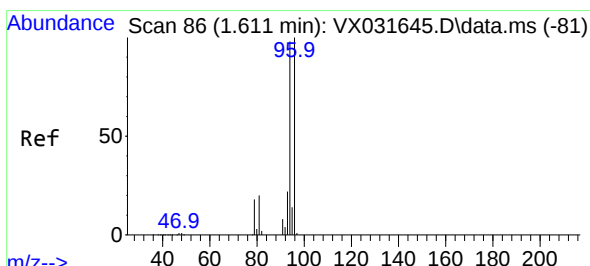
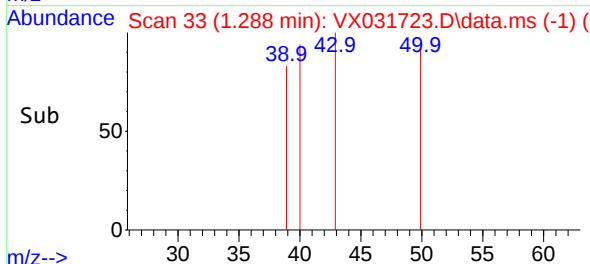
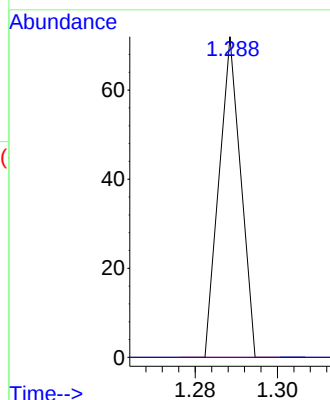
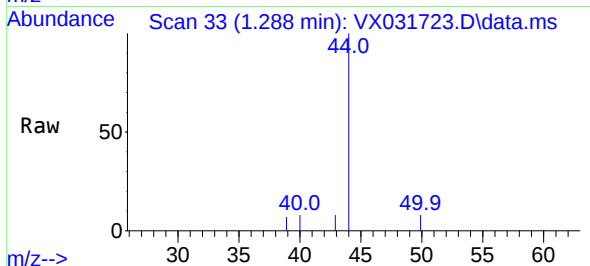




#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

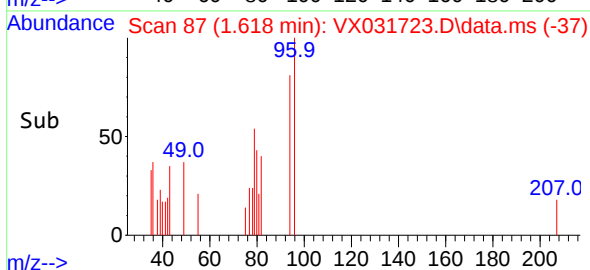
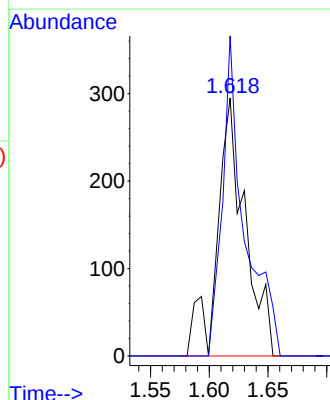
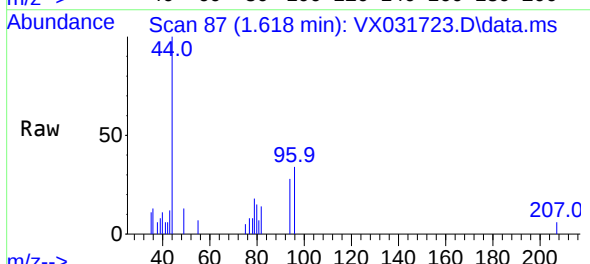
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

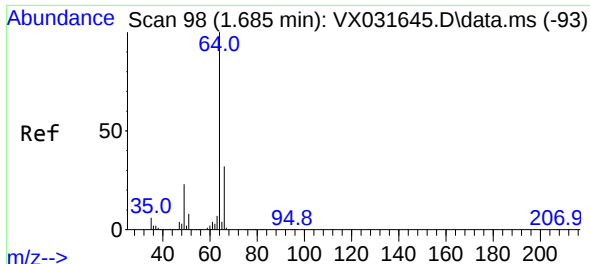
Tgt Ion: 50 Resp: 26
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 124.1 74.4 111.6#

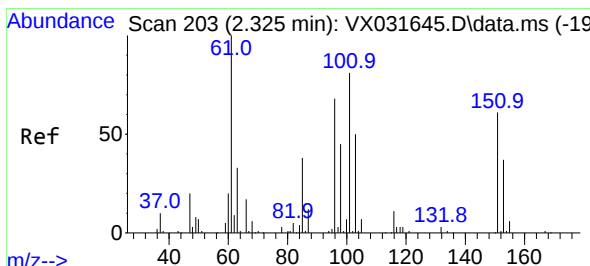
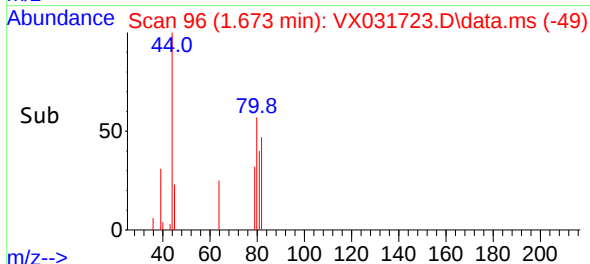
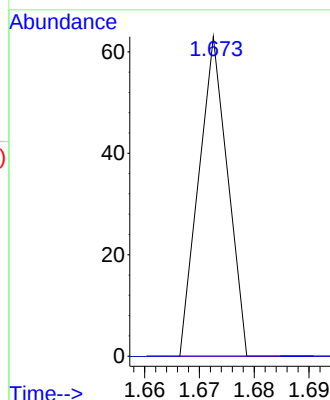
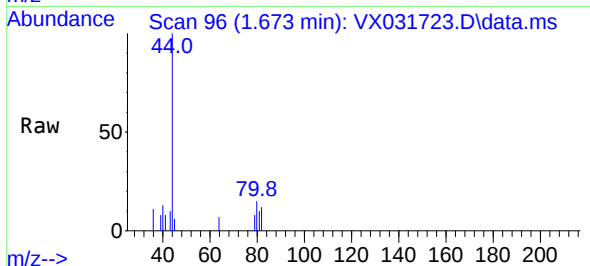




#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

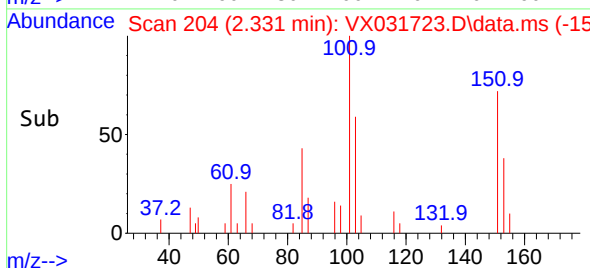
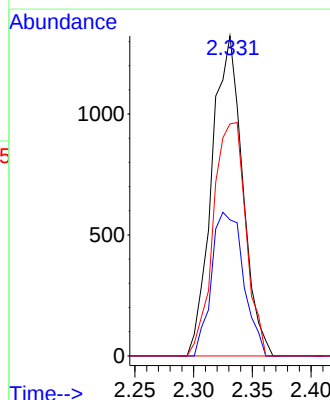
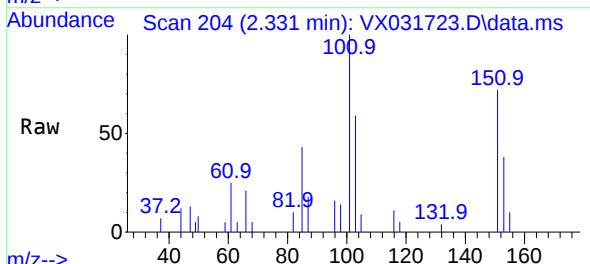
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

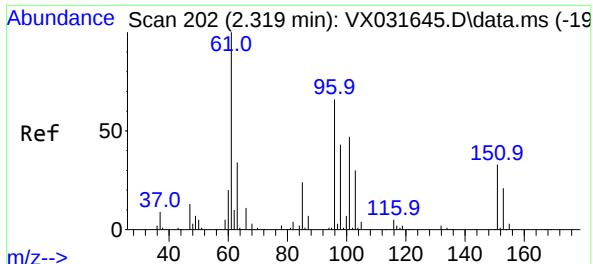
Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.515 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

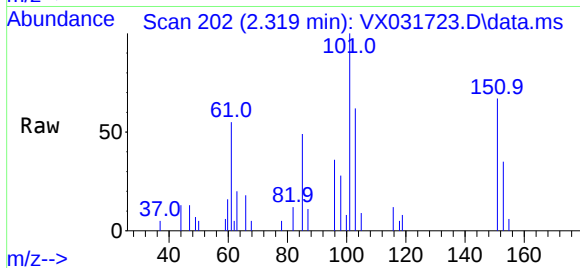
Tgt Ion: 101 Resp: 2408
Ion Ratio Lower Upper
101 100
85 46.7 38.6 57.8
151 76.7 54.0 81.0



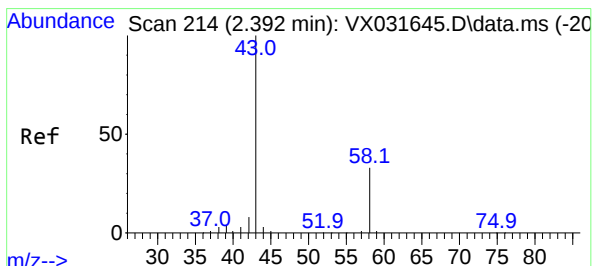
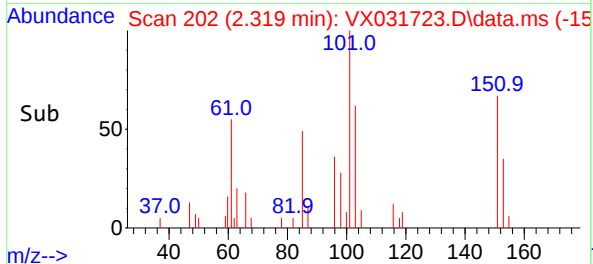
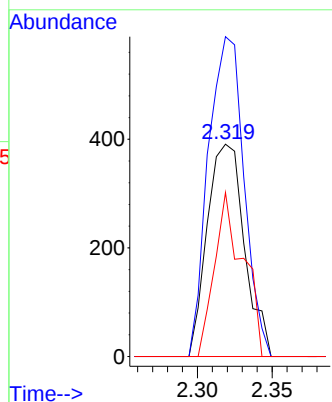


#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

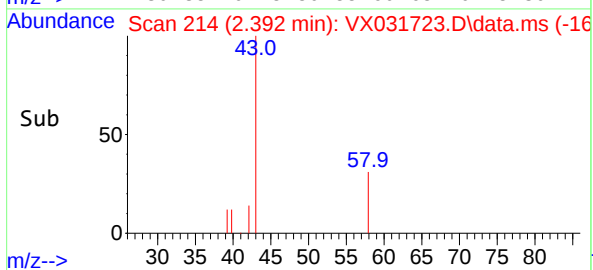
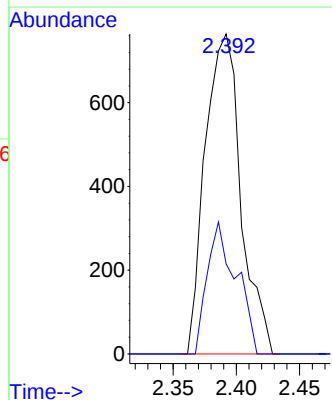
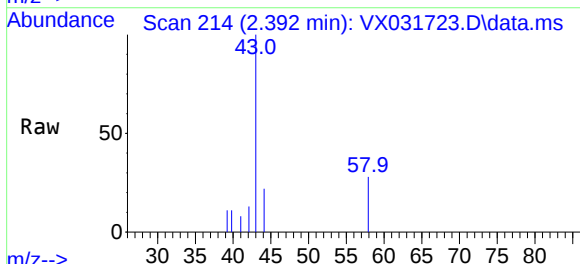


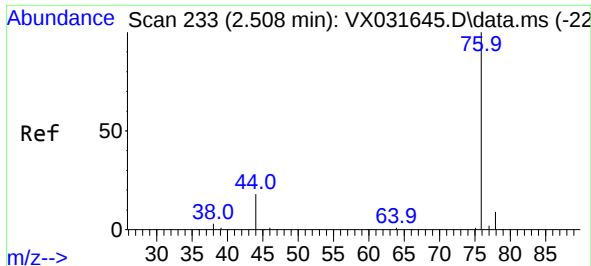
Tgt Ion: 96 Resp: 678
Ion Ratio Lower Upper
96 100
61 150.6 135.3 202.9
98 77.2 49.4 74.2#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 28.1 23.8 35.8

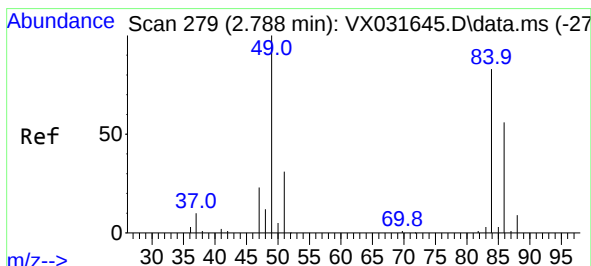
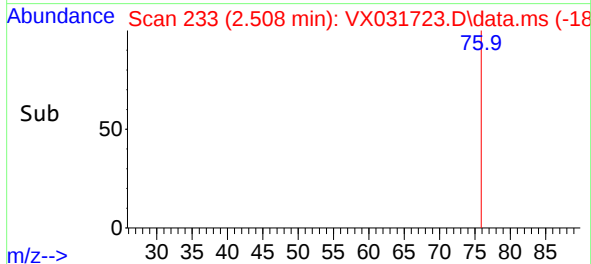
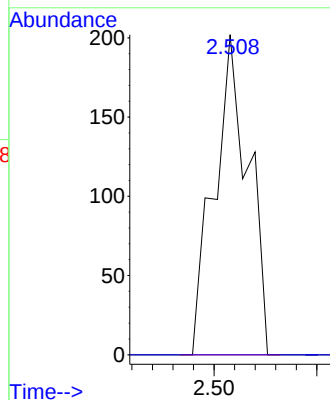
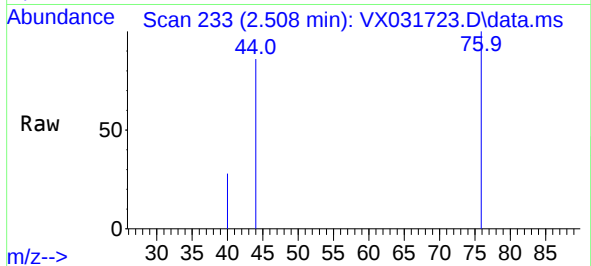




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

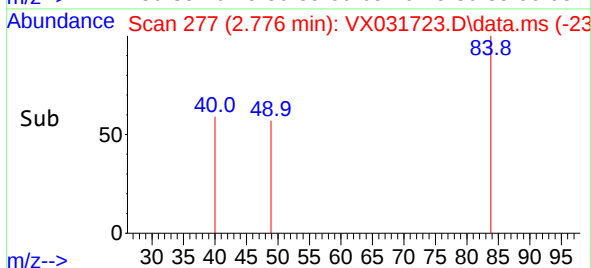
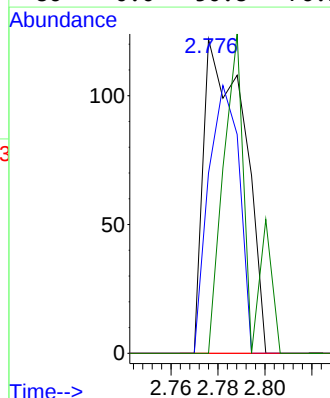
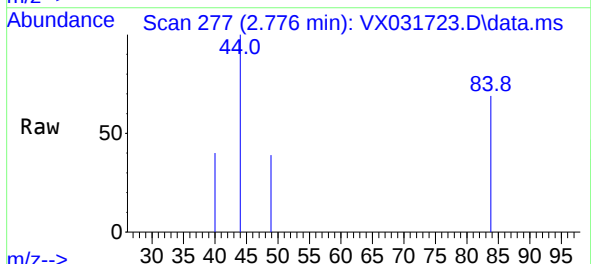
Instrument :
MSVOA_X
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BP-VPB-RW5-GW-628-630

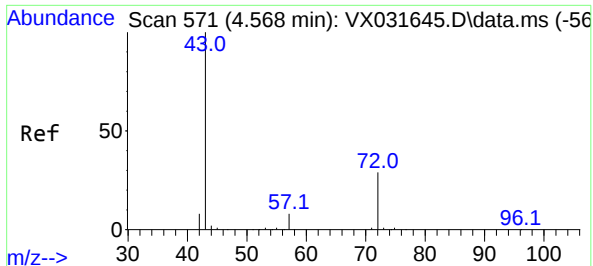
Tgt Ion: 76 Resp: 233
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion: 84 Resp: 146
Ion Ratio Lower Upper
84 100
49 57.4 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#

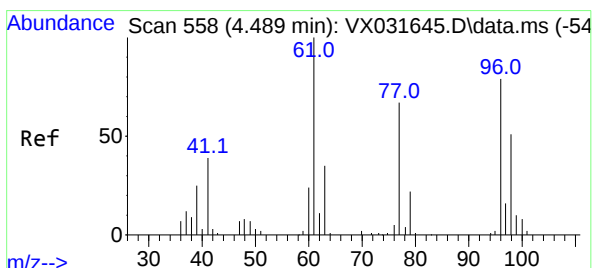
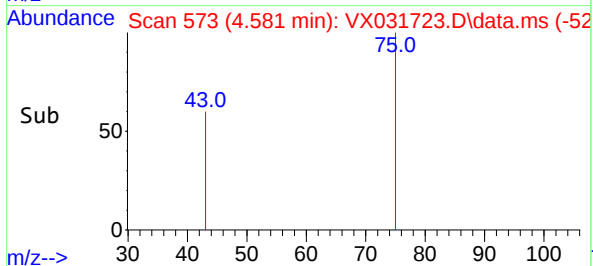
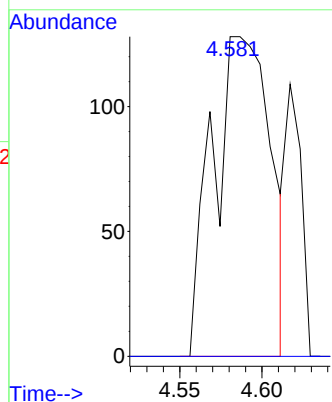
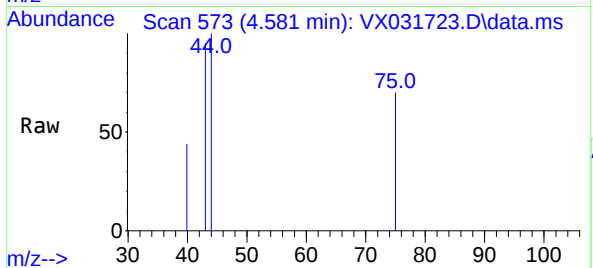




#25
2-Butanone
Concen: 0.258 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

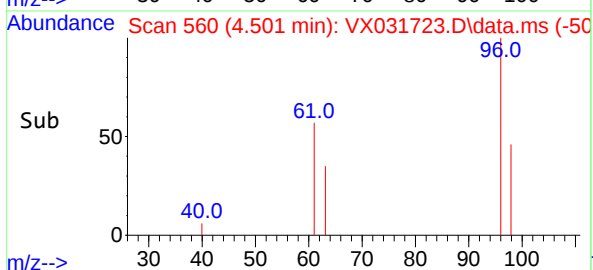
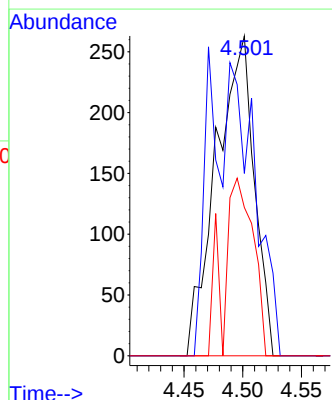
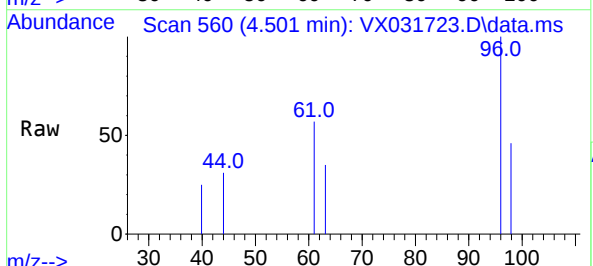
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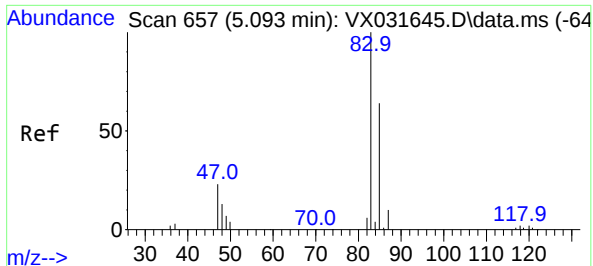
Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#27
cis-1,2-Dichloroethene
Concen: 0.276 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion: 96 Resp: 593
Ion Ratio Lower Upper
96 100
61 66.8 0.0 305.2
98 43.2 0.0 128.4





#30

Chloroform

Concen: 0.398 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX031723.D

Acq: 28 Sep 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

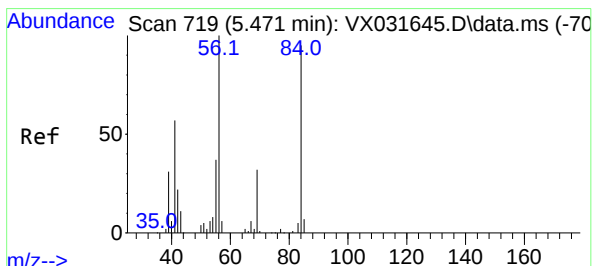
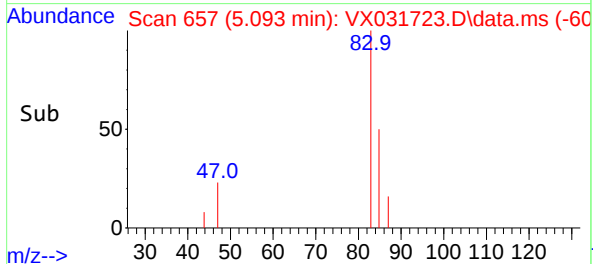
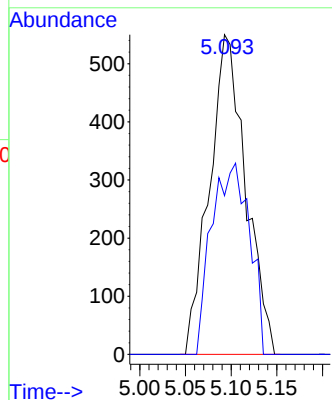
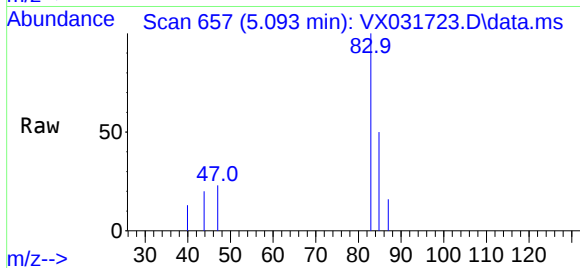
BP-VPB-RW5-GW-628-630

Tgt Ion: 83 Resp: 1518

Ion Ratio Lower Upper

83 100

85 49.6 52.8 79.2#



#31

Cyclohexane

Concen: 1.074 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031723.D

Acq: 28 Sep 2022 13:43

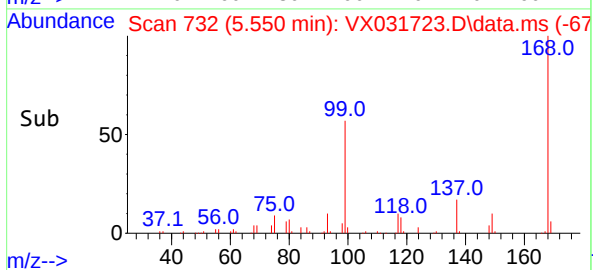
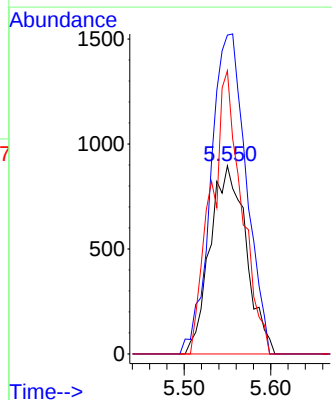
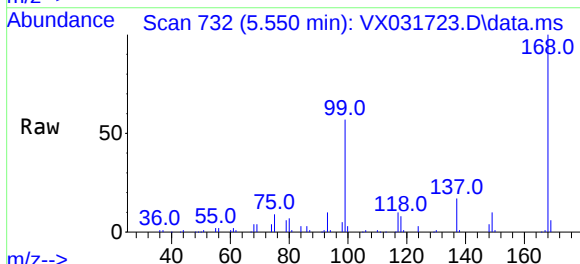
Tgt Ion: 56 Resp: 2591

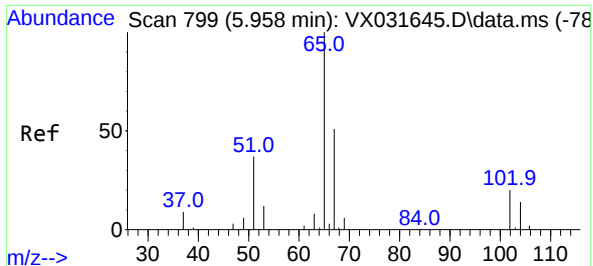
Ion Ratio Lower Upper

56 100

69 169.5 25.1 37.7#

84 150.6 70.2 105.4#

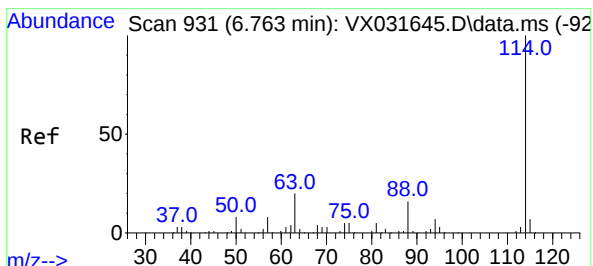
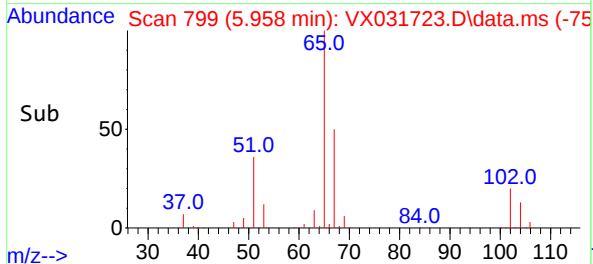
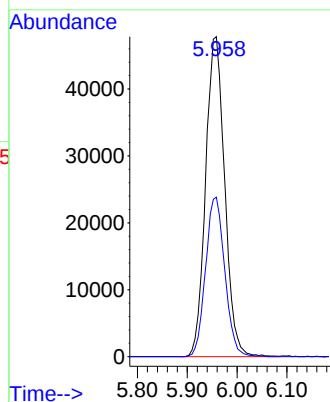
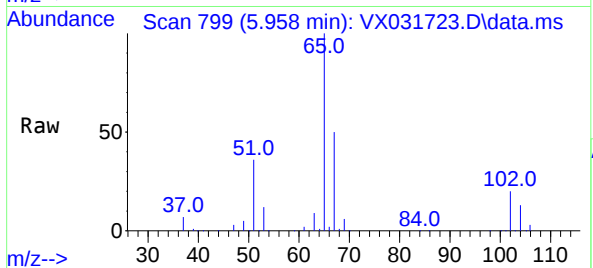




#33
1,2-Dichloroethane-d4
Concen: 50.092 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

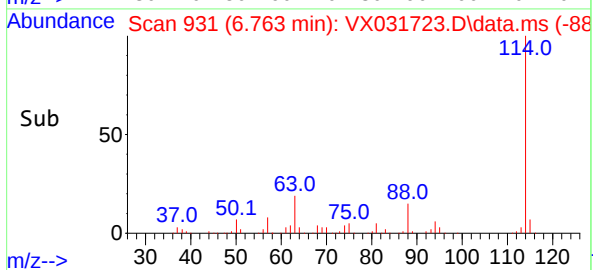
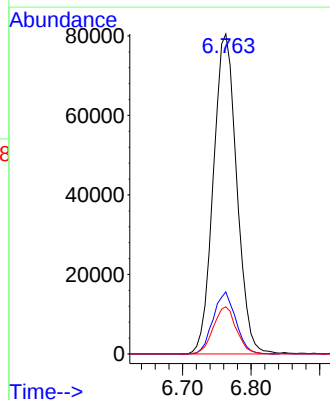
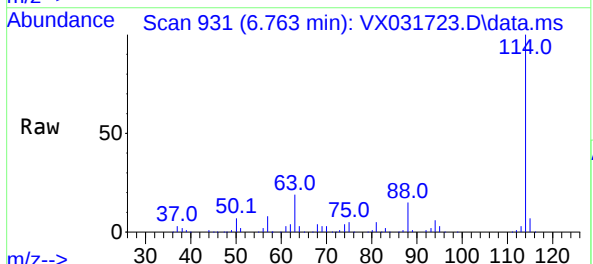
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

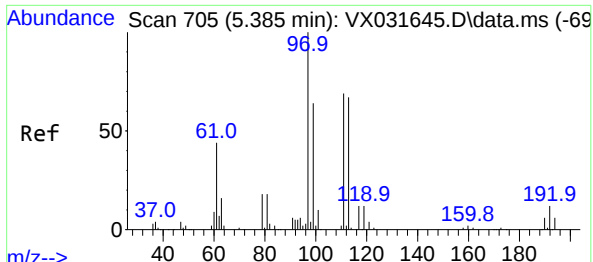
Tgt Ion: 65 Resp: 127084
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion: 114 Resp: 190601
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.583 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031723.D

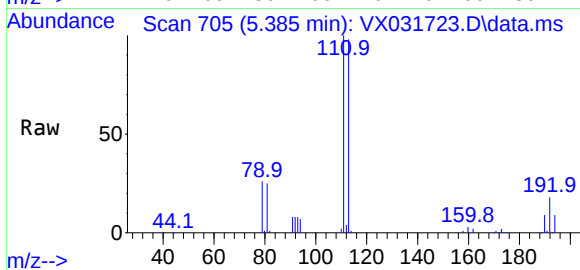
Acq: 28 Sep 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-628-630



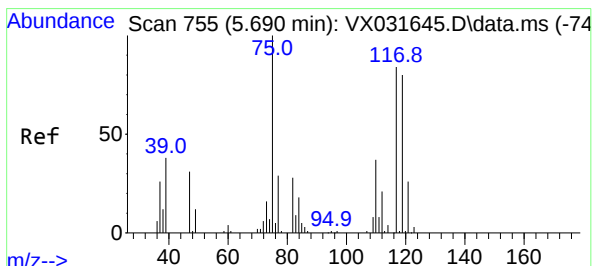
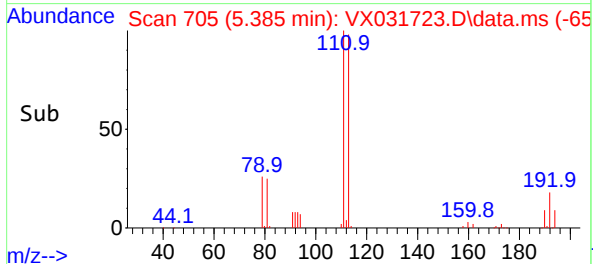
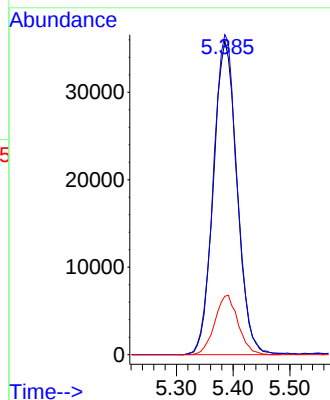
Tgt Ion:113 Resp: 103522

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 18.7 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.741 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031723.D

Acq: 28 Sep 2022 13:43

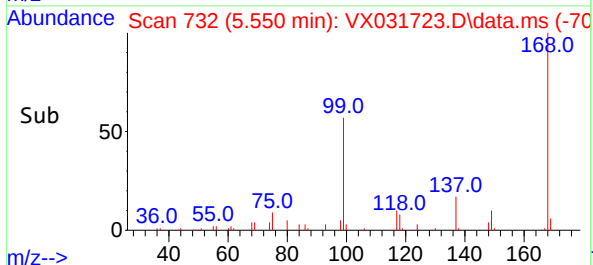
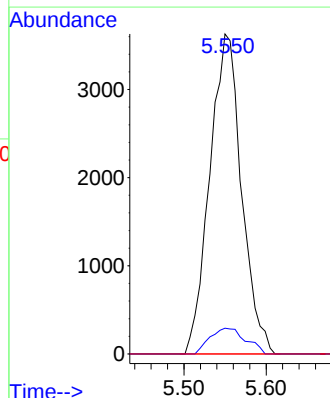
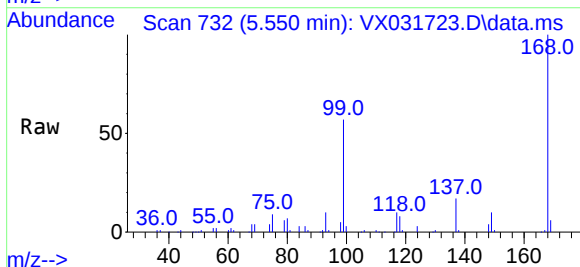
Tgt Ion: 75 Resp: 9758

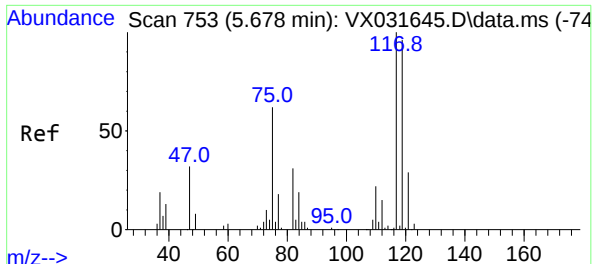
Ion Ratio Lower Upper

75 100

110 9.1 17.5 52.5#

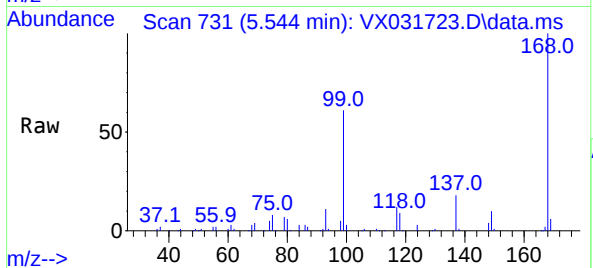
77 0.0 24.9 37.3#



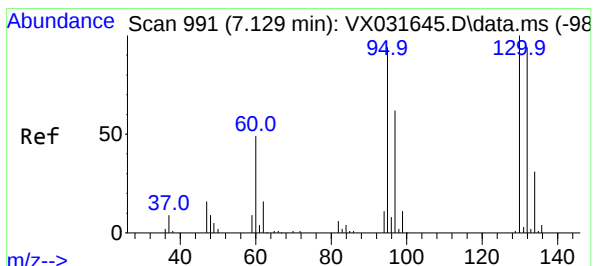
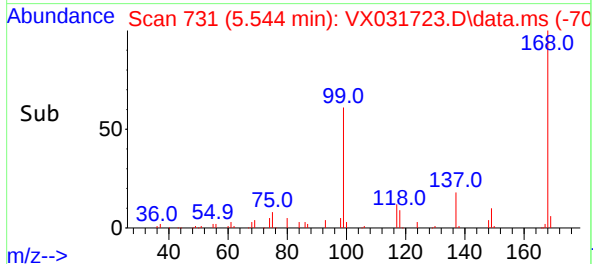
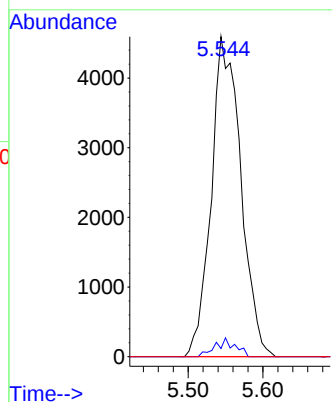


#38
Carbon Tetrachloride
Concen: 4.287 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

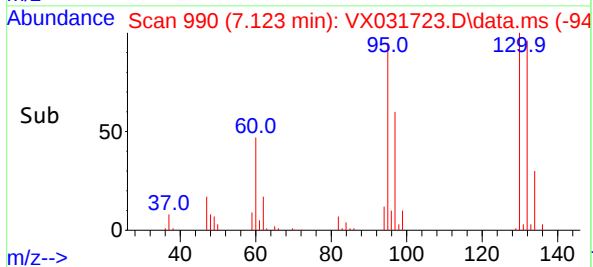
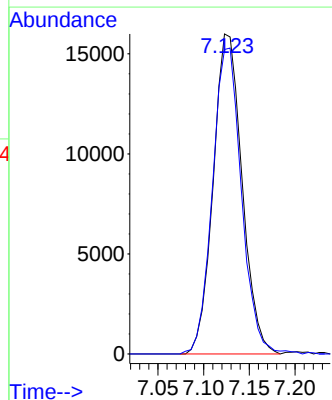
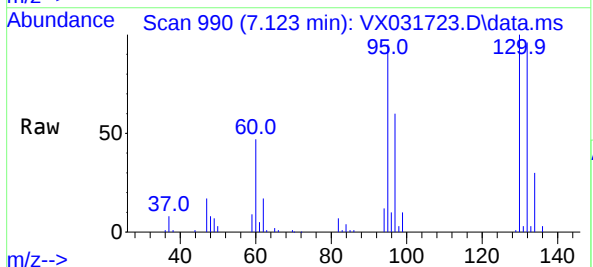


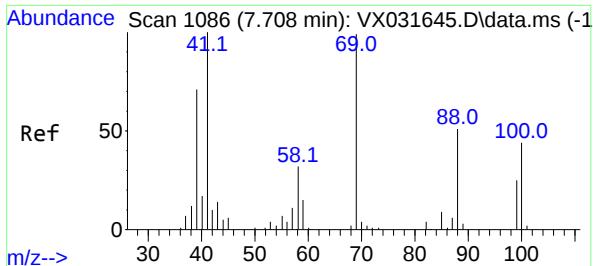
Tgt Ion:117 Resp: 12600
Ion Ratio Lower Upper
117 100
119 2.6 74.6 112.0#
121 0.0 25.3 37.9#



#44
Trichloroethene
Concen: 15.497 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion:130 Resp: 35062
Ion Ratio Lower Upper
130 100
95 95.1 0.0 206.8

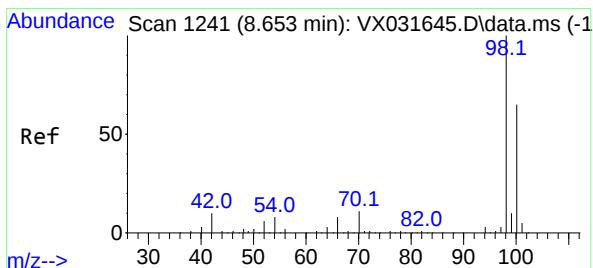
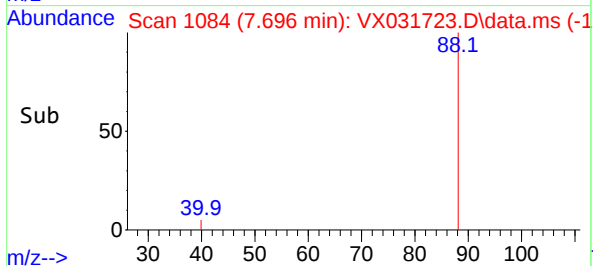
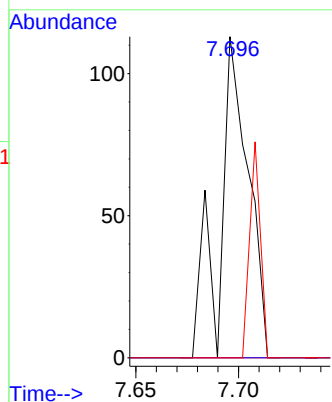
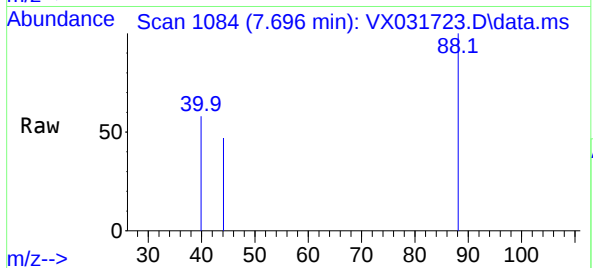




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.696 min Scan# 110
Delta R.T. 0.012 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

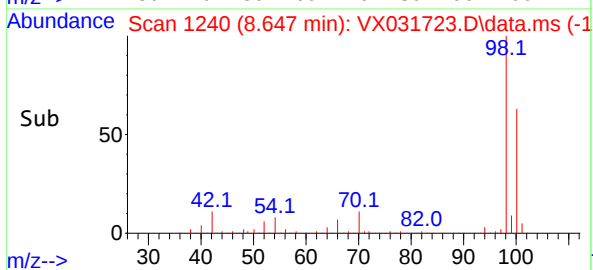
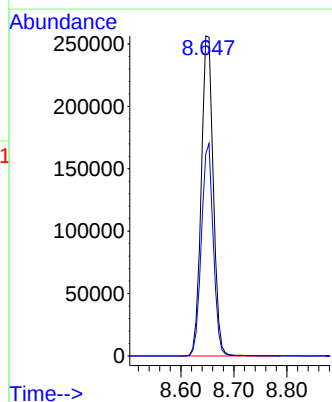
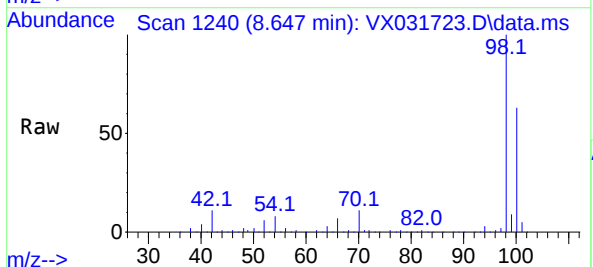
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

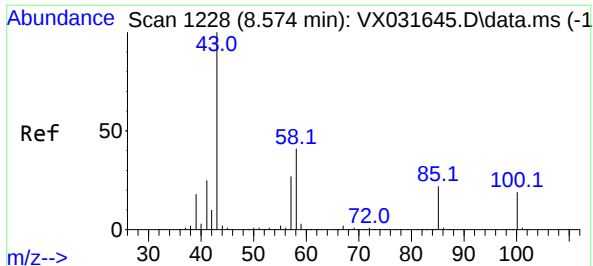
Tgt Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 25.5 53.9 80.9#



#50
Toluene-d8
Concen: 49.025 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion: 98 Resp: 403645
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.635 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031723.D

Acq: 28 Sep 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

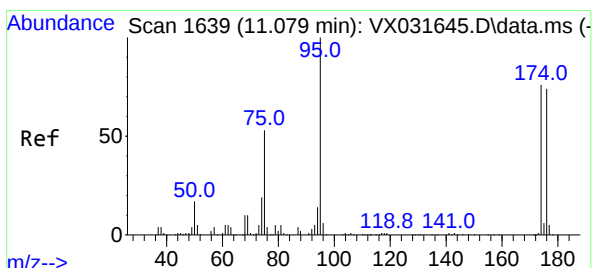
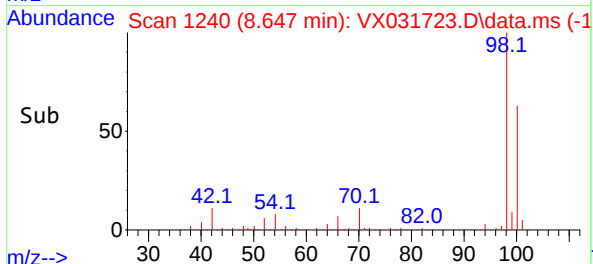
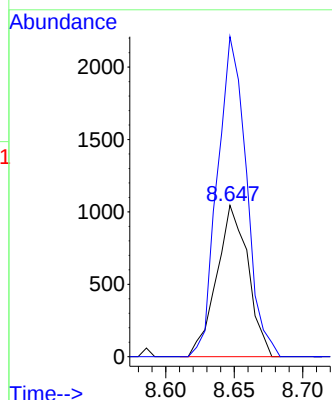
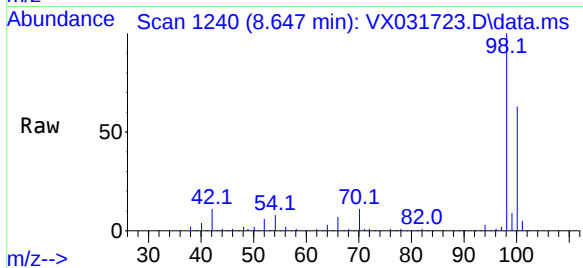
BP-VPB-RW5-GW-628-630

Tgt Ion: 43 Resp: 1665

Ion Ratio Lower Upper

43 100

58 195.1 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.243 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031723.D

Acq: 28 Sep 2022 13:43

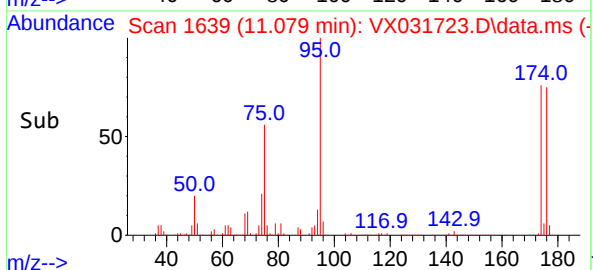
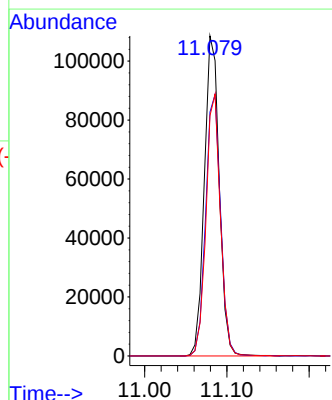
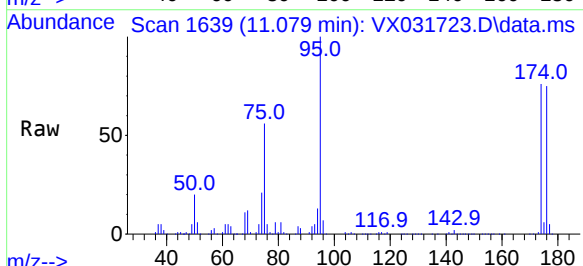
Tgt Ion: 95 Resp: 136530

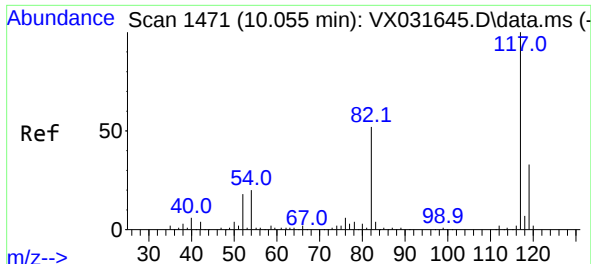
Ion Ratio Lower Upper

95 100

174 81.8 0.0 153.2

176 79.3 0.0 144.0

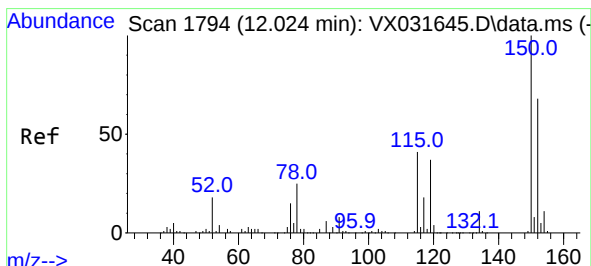
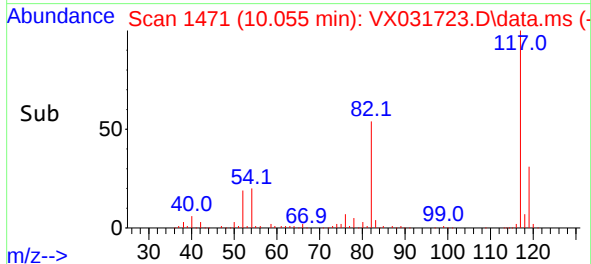
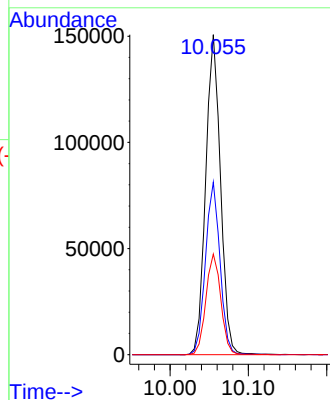
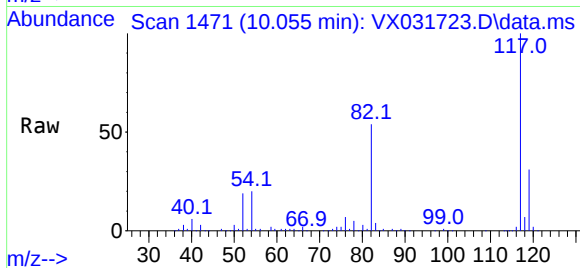




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

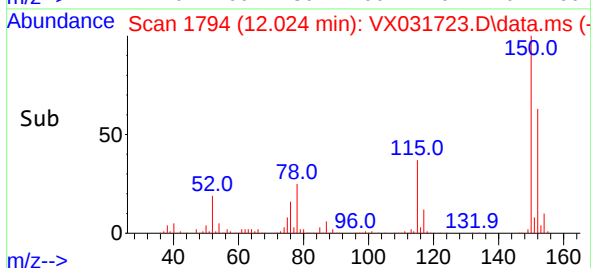
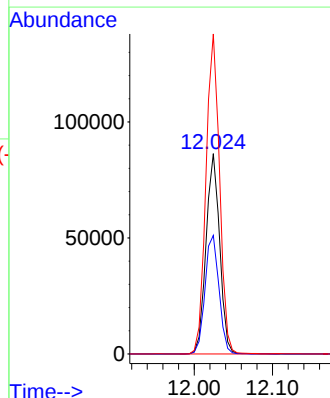
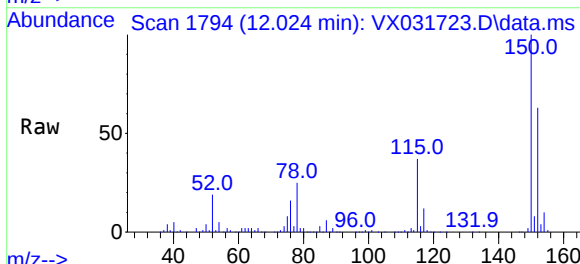
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

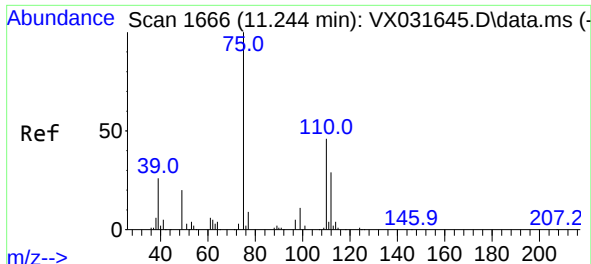
Tgt Ion:117 Resp: 197238
Ion Ratio Lower Upper
117 100
82 53.9 46.8 70.2
119 31.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion:152 Resp: 103920
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.1
150 159.5 0.0 346.8

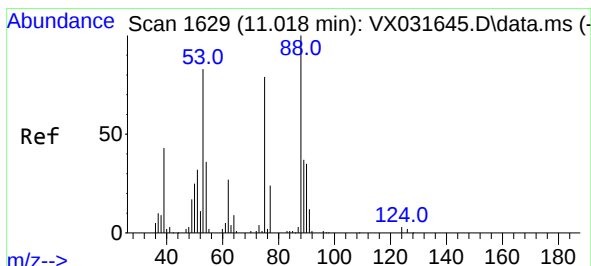
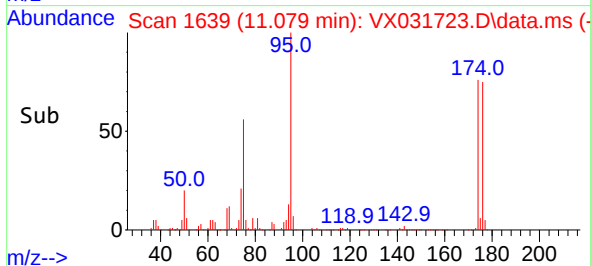
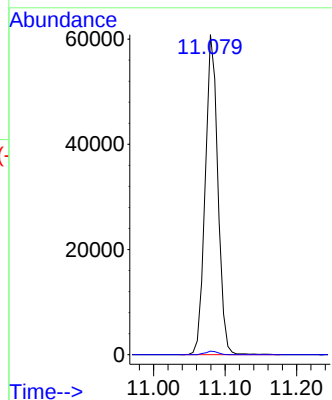
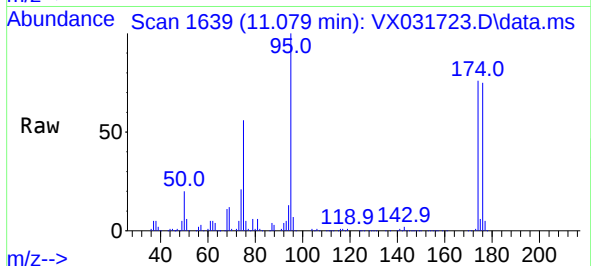




#76
1,2,3-Trichloropropane
Concen: 39.648 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-628-630

Tgt Ion: 75 Resp: 74695
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031723.D
Acq: 28 Sep 2022 13:43

Tgt Ion: 75 Resp: 74695
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

