

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032257.D
 Acq On : 20 Oct 2022 13:00
 Operator : JC/MD
 Sample : N5149-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-918-920

Quant Time: Oct 21 01:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

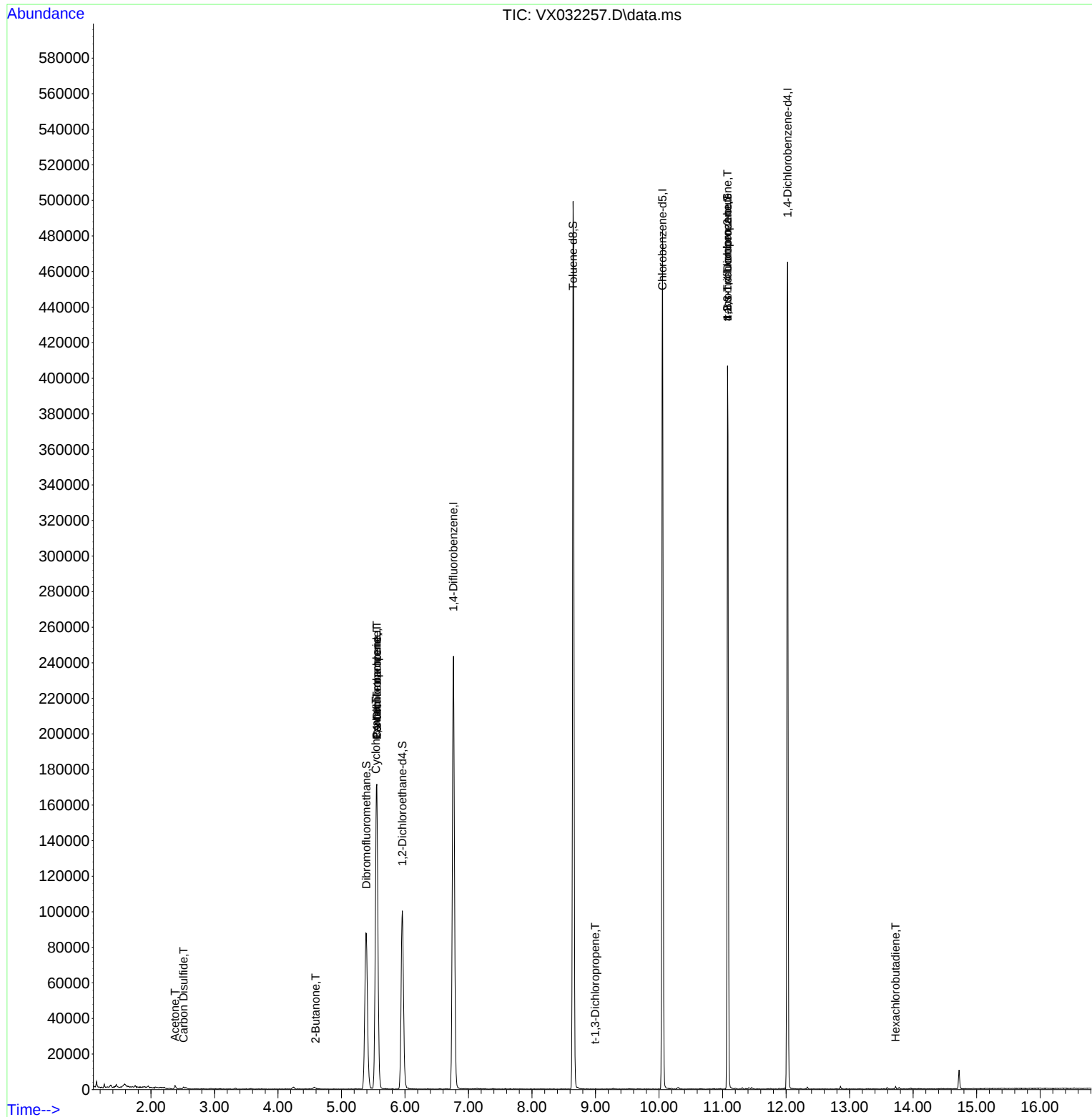
Internal Standards						
1) Pentafluorobenzene	5.556	168	159003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100752	48.709	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.420%
35) Dibromofluoromethane	5.391	113	76249	44.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.860%
50) Toluene-d8	8.647	98	293912	48.117	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	103341	46.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	170	Below Cal	#	44
11) Tert butyl alcohol	2.946	59	225	Below Cal	#	74
16) Acetone	2.380	43	2407	3.586	ug/l	90
17) Carbon Disulfide	2.514	76	1284	0.386	ug/l	97
25) 2-Butanone	4.593	43	516	0.492	ug/l #	48
31) Cyclohexane	5.544	56	3489	1.475	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	12814	5.870	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16741	7.265	ug/l #	18
53) t-1,3-Dichloropropene	8.994	75	25	1.828	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	55786	30.117	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	55786	92.151	ug/l #	6
94) Hexachlorobutadiene	13.725	225	298	0.341	ug/l	92

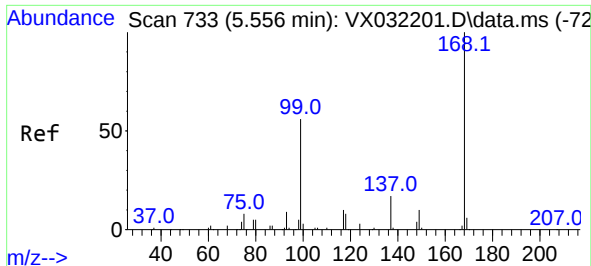
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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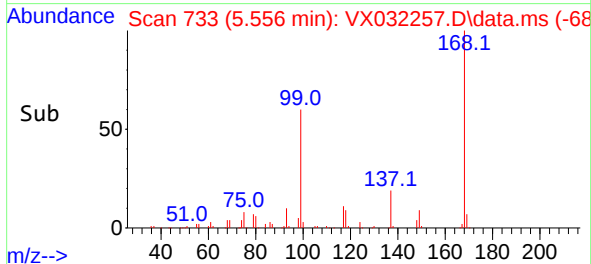
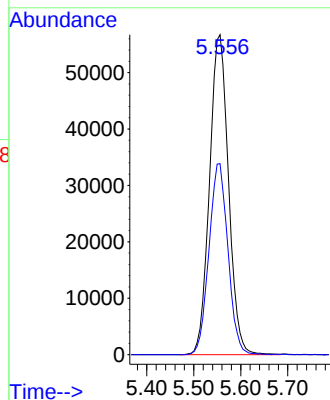
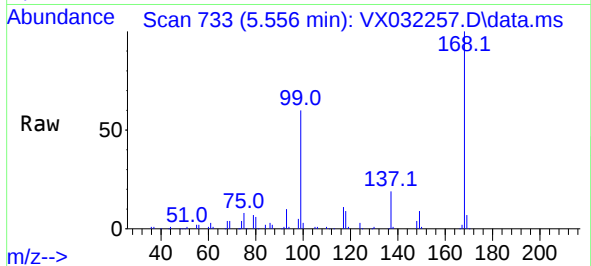




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

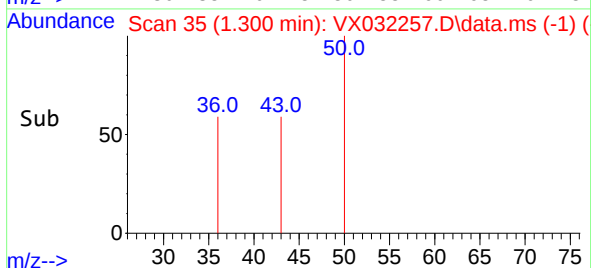
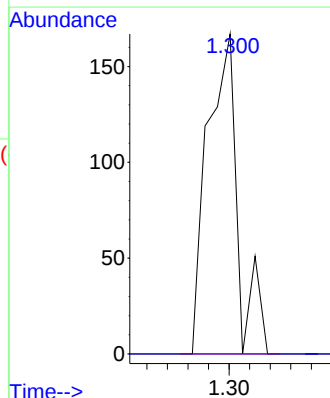
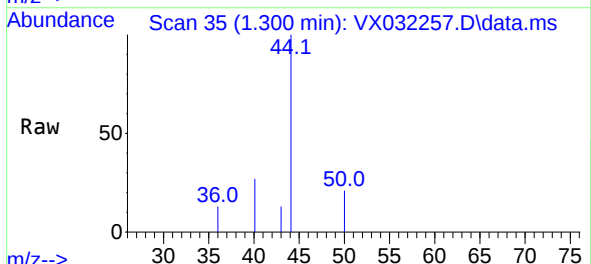
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-918-920

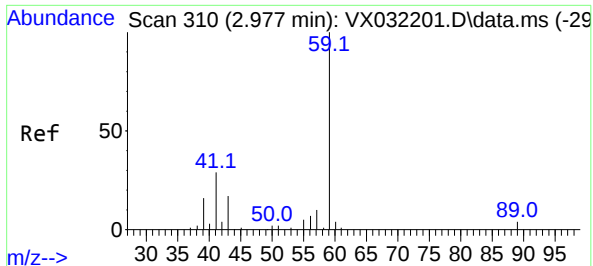
Tgt Ion:168 Resp: 159003
Ion Ratio Lower Upper
168 100
99 59.7 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX032257.D

Acq: 20 Oct 2022 13:00

Instrument :

MSVOA_X

ClientSampleId :

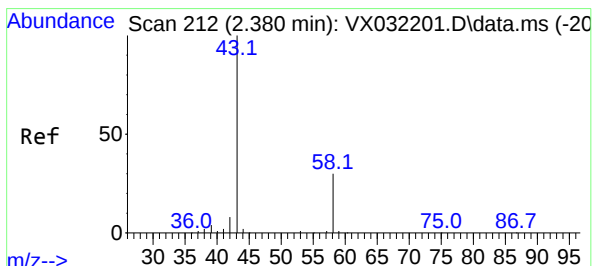
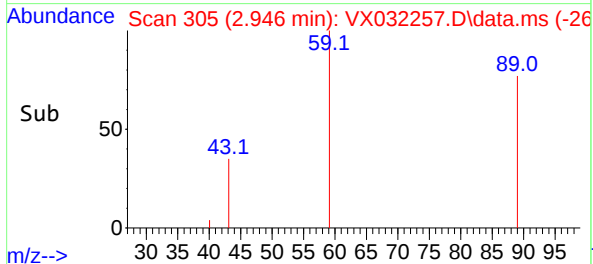
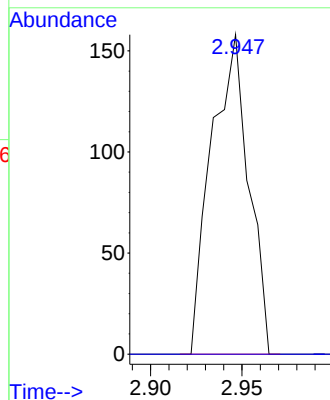
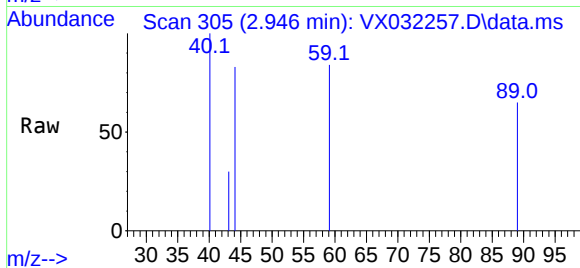
BP-VPB-RW5-GW-918-920

Tgt Ion: 59 Resp: 225

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#16

Acetone

Concen: 3.586 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX032257.D

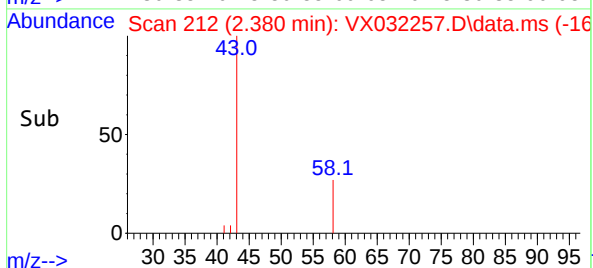
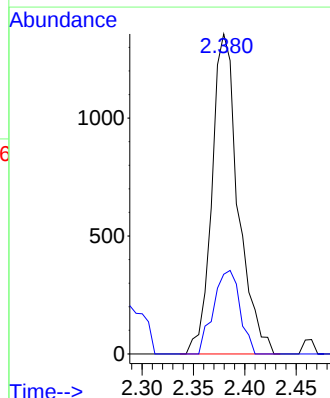
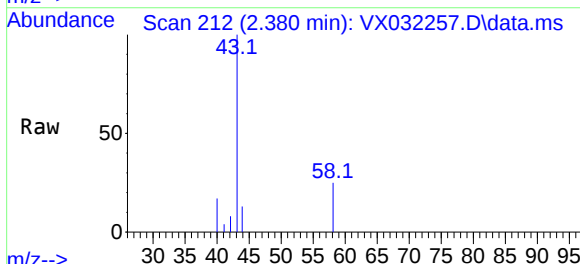
Acq: 20 Oct 2022 13:00

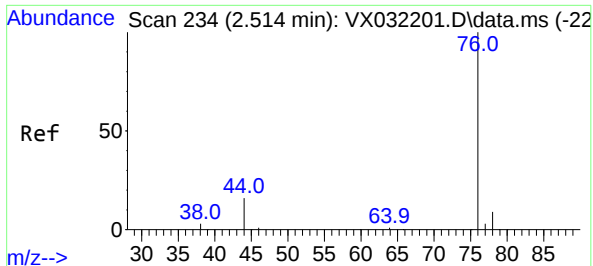
Tgt Ion: 43 Resp: 2407

Ion Ratio Lower Upper

43 100

58 24.9 24.2 36.2

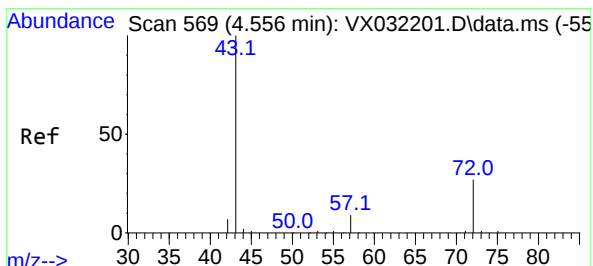
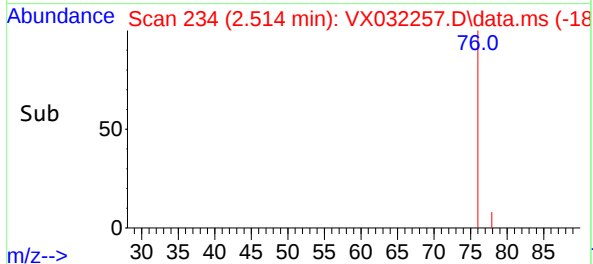
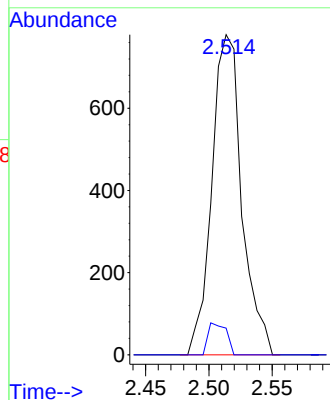
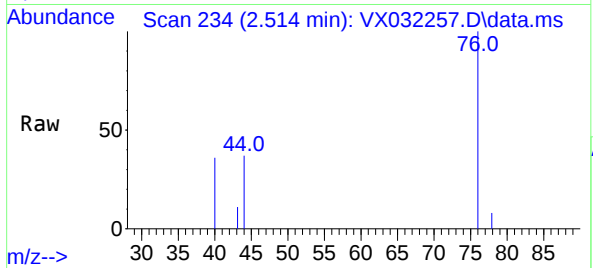




#17
Carbon Disulfide
Concen: 0.386 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

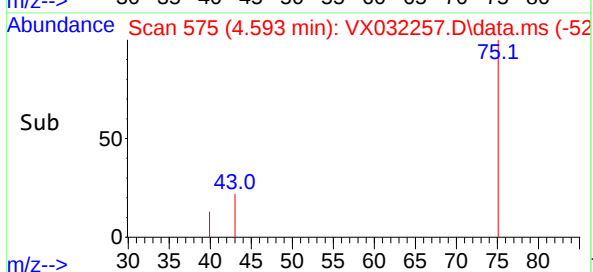
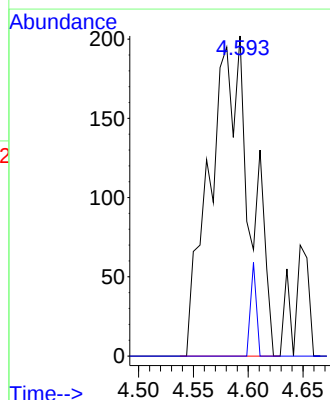
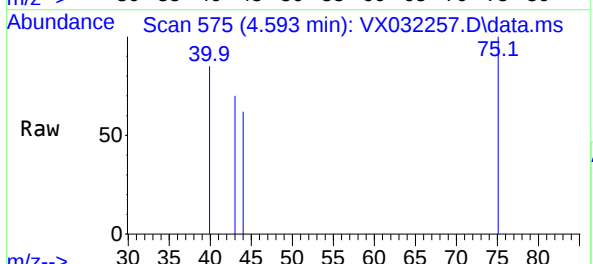
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-918-920

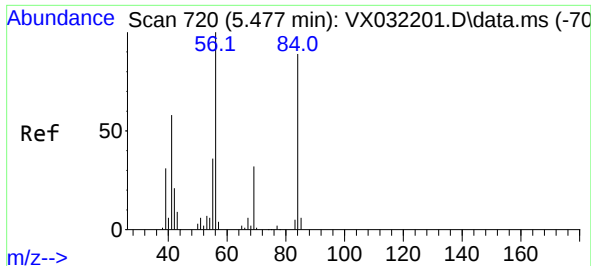
Tgt Ion: 76 Resp: 1284
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4



#25
2-Butanone
Concen: 0.492 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#

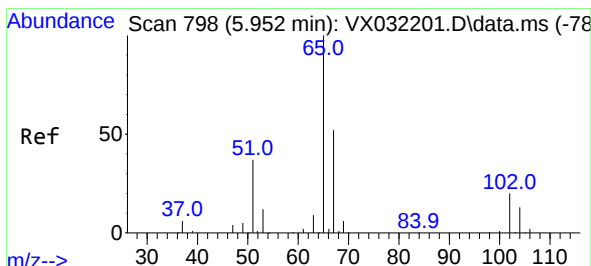
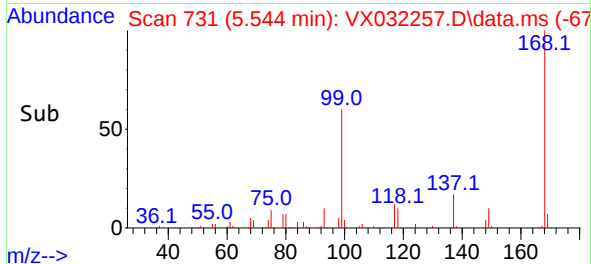
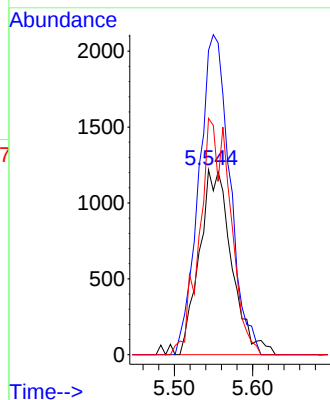
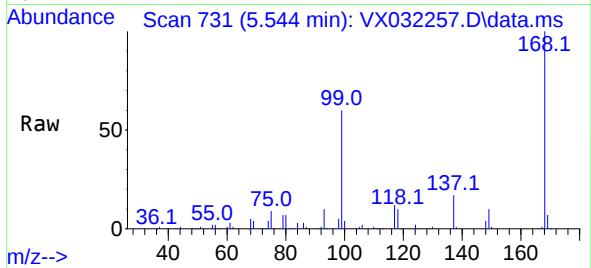




#31
Cyclohexane
Concen: 1.475 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

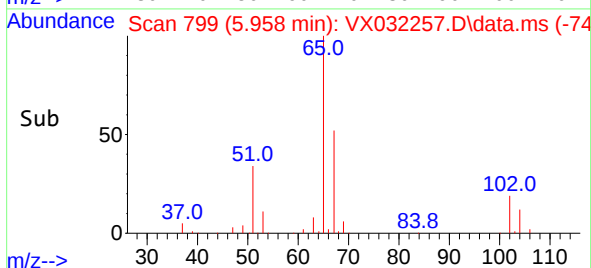
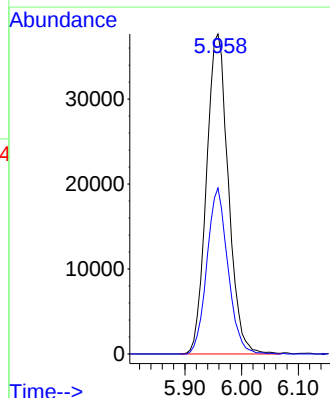
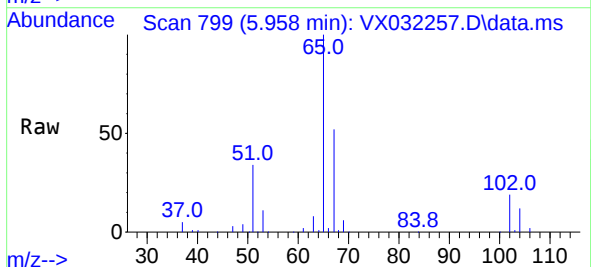
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-918-920

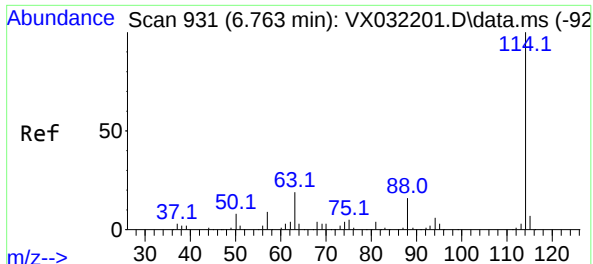
Tgt Ion: 56 Resp: 3489
Ion Ratio Lower Upper
56 100
69 164.6 25.4 38.0#
84 127.8 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 48.709 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Tgt Ion: 65 Resp: 100752
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.6

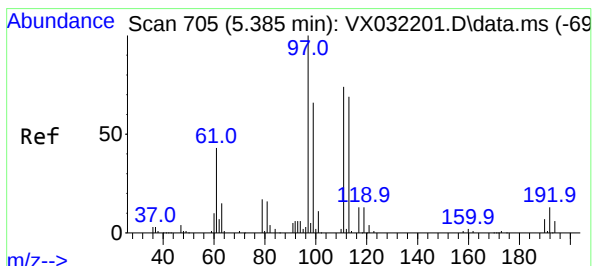
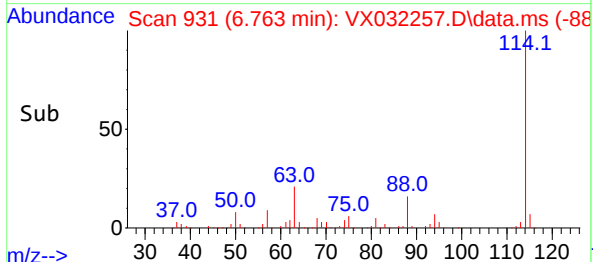
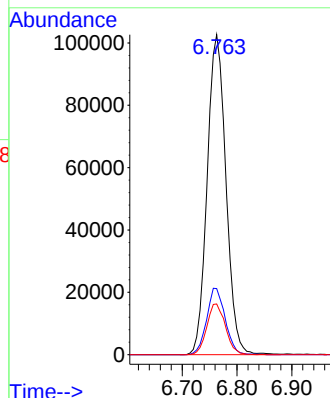
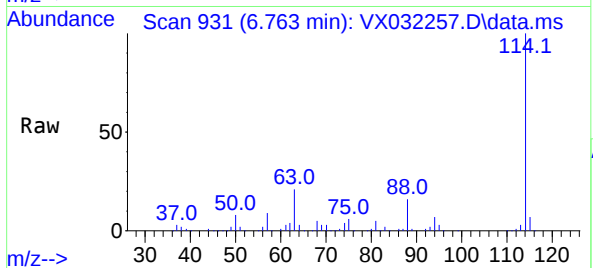




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

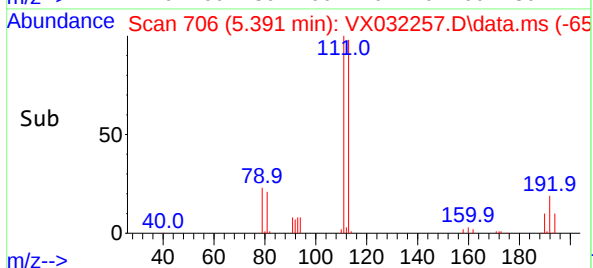
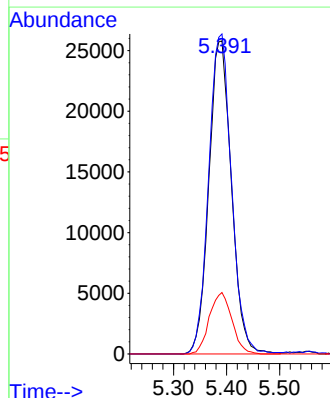
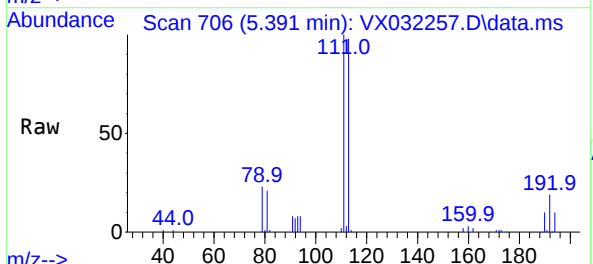
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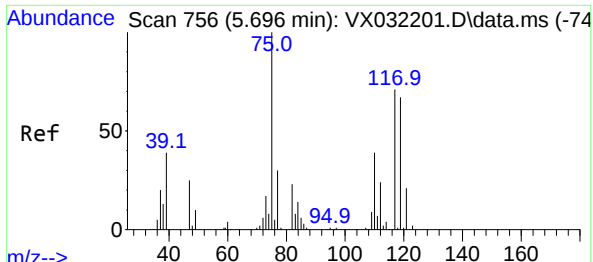
Tgt Ion:114 Resp: 243853
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 44.934 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Tgt Ion:113 Resp: 76249
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.6 15.5 23.3

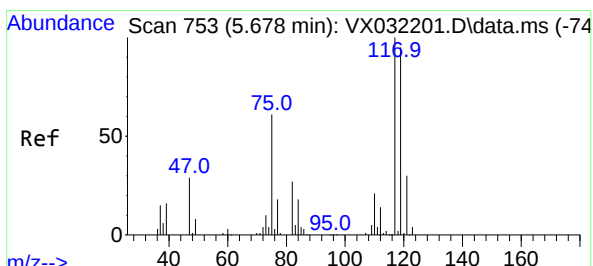
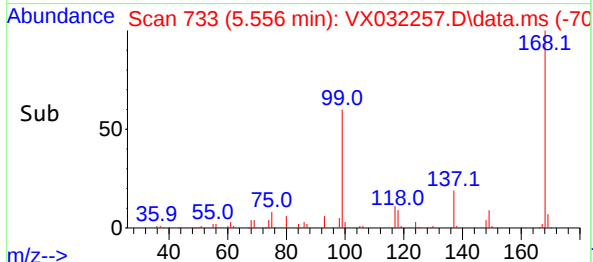
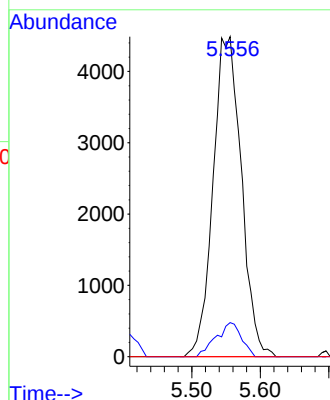
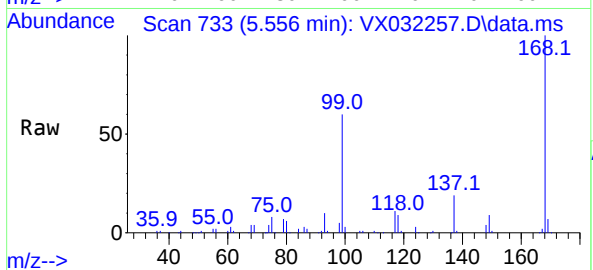




#36
1,1-Dichloropropene
Concen: 5.870 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

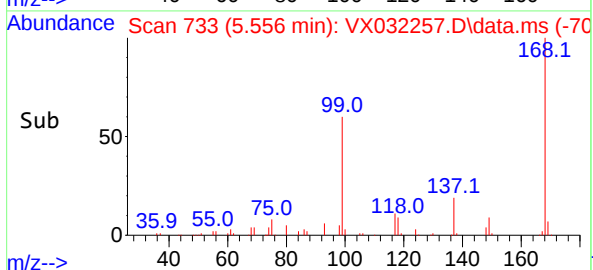
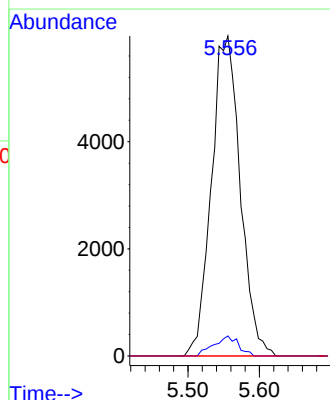
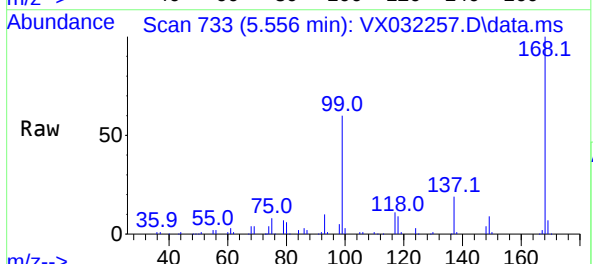
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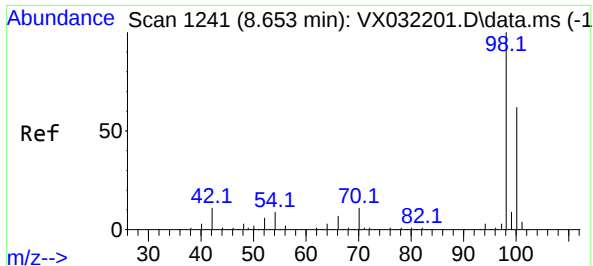
Tgt Ion: 75 Resp: 12814
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.265 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Tgt Ion: 117 Resp: 16741
Ion Ratio Lower Upper
117 100
119 6.3 75.4 113.0#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 48.117 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032257.D

Acq: 20 Oct 2022 13:00

Instrument :

MSVOA_X

ClientSampleId :

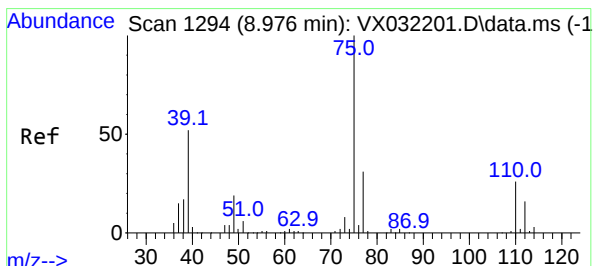
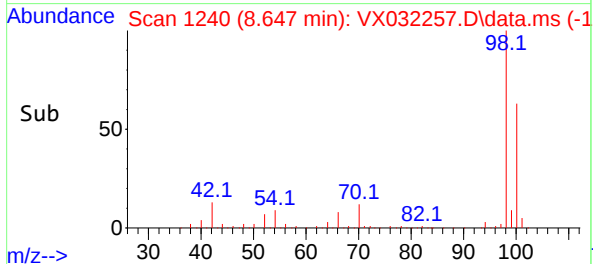
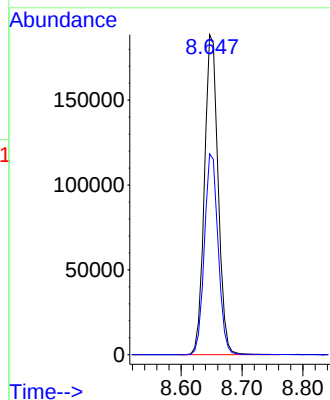
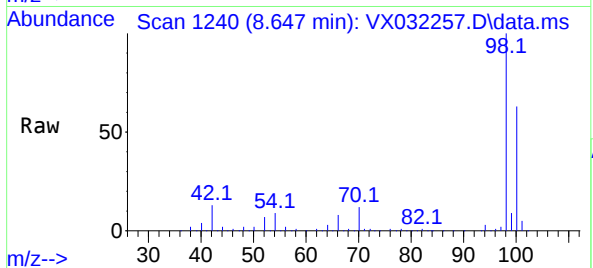
BP-VPB-RW5-GW-918-920

Tgt Ion: 98 Resp: 293912

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#53

t-1,3-Dichloropropene

Concen: 1.828 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX032257.D

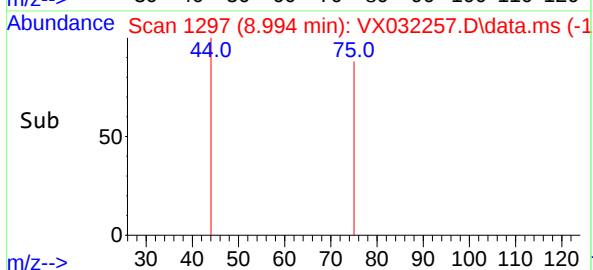
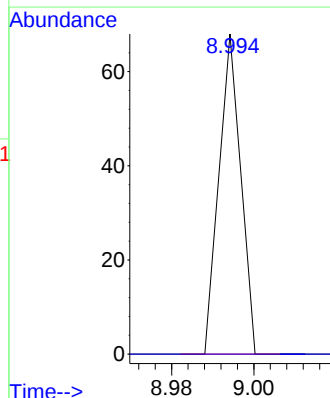
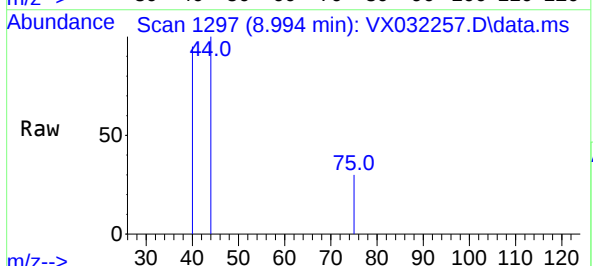
Acq: 20 Oct 2022 13:00

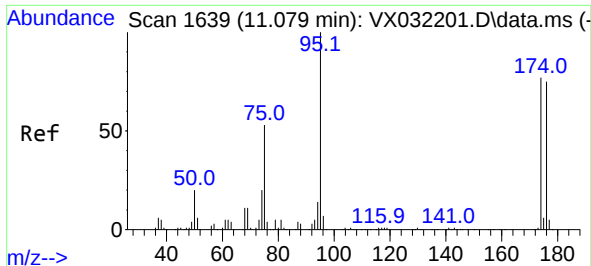
Tgt Ion: 75 Resp: 25

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

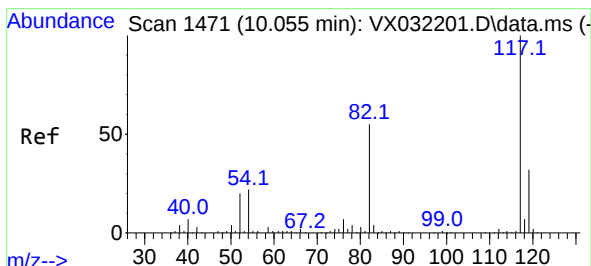
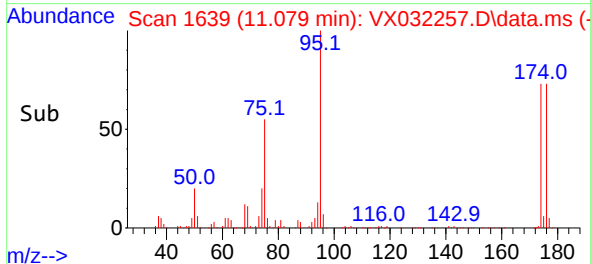
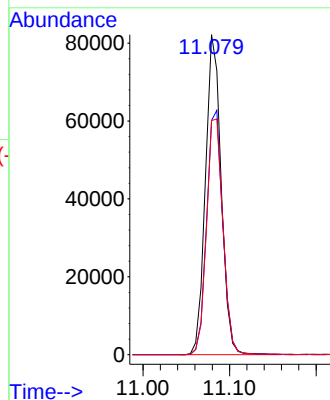
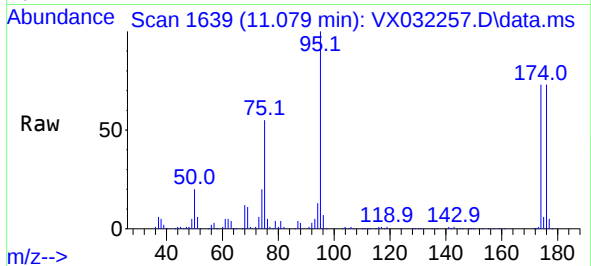




#62
4-Bromofluorobenzene
Concen: 46.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

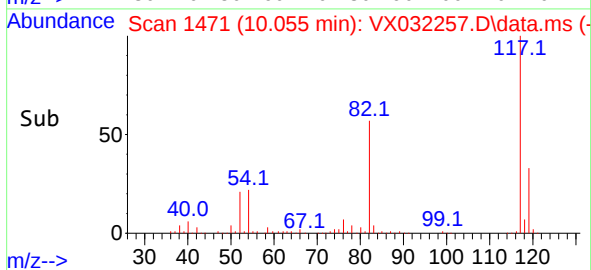
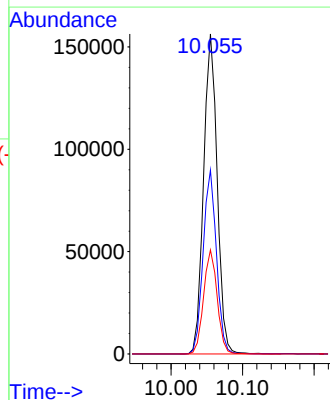
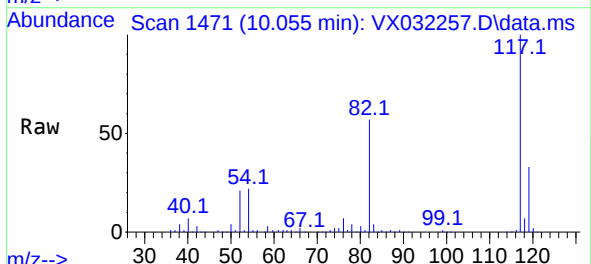
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-918-920

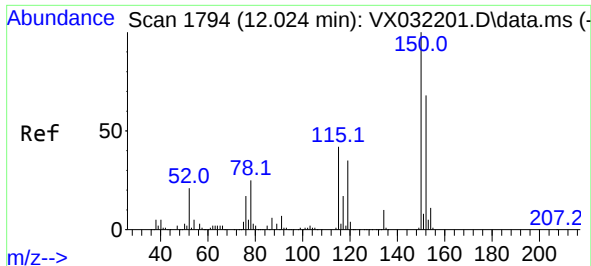
Tgt Ion: 95 Resp: 103341
Ion Ratio Lower Upper
95 100
174 78.4 0.0 166.8
176 77.4 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Tgt Ion: 117 Resp: 206906
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.4
119 32.5 25.8 38.8

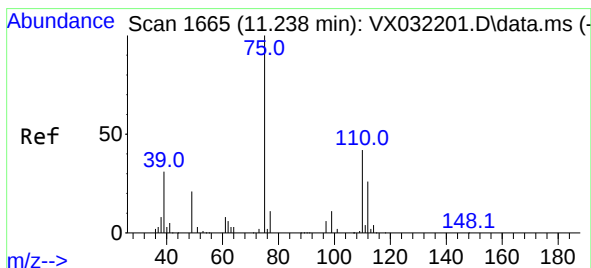
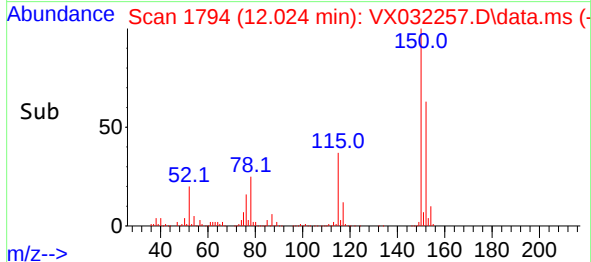
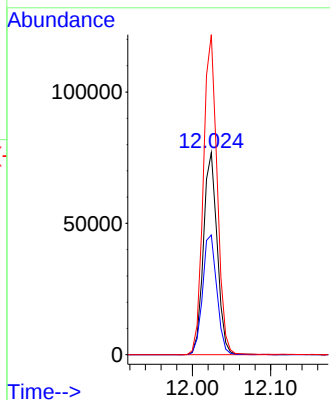
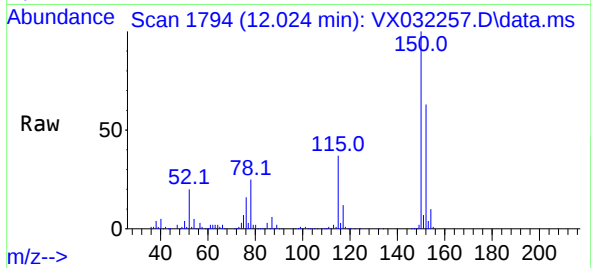




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

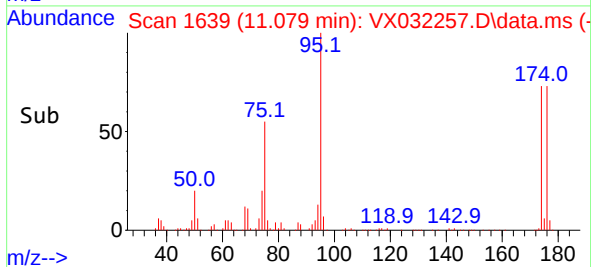
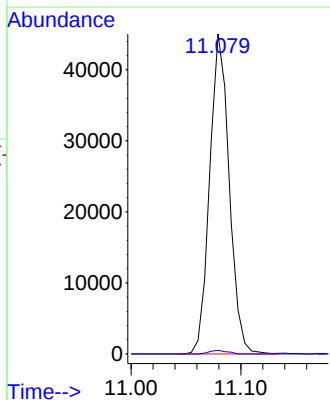
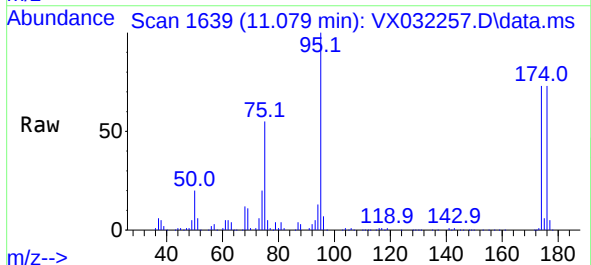
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-918-920

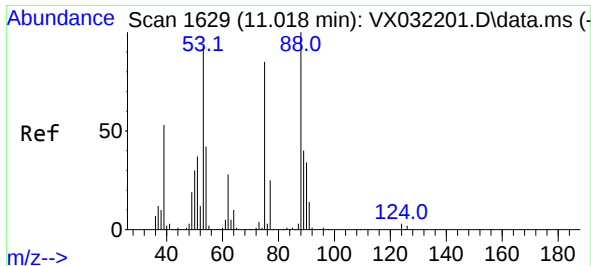
Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	43.1	129.4
150	159.4	0.0	348.6



#76
1,2,3-Trichloropropane
Concen: 30.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	16.0	47.9#

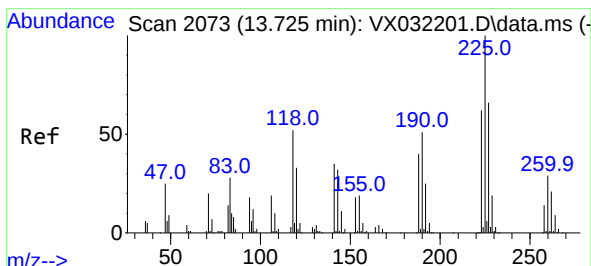
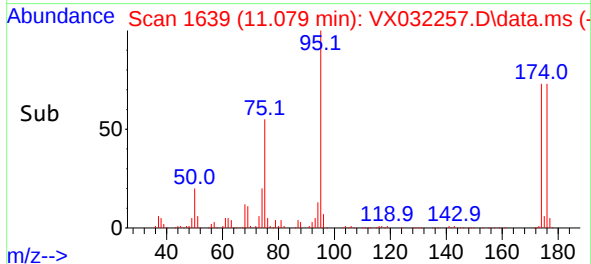
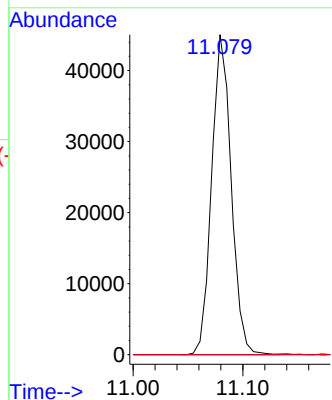
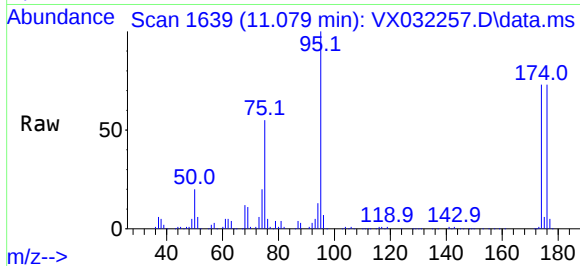




#81
trans-1,4-Dichloro-2-butene
Concen: 92.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-918-920

Tgt Ion: 75 Resp: 55786
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#94
Hexachlorobutadiene
Concen: 0.341 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032257.D
Acq: 20 Oct 2022 13:00

Tgt Ion: 225 Resp: 298
Ion Ratio Lower Upper
225 100
223 74.2 31.4 94.3
227 65.8 32.0 96.0

