

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024399.D
 Acq On : 21 Sep 2021 20:21
 Operator : JC/MD
 Sample : M3818-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-920-922

Quant Time: Oct 01 04:09:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

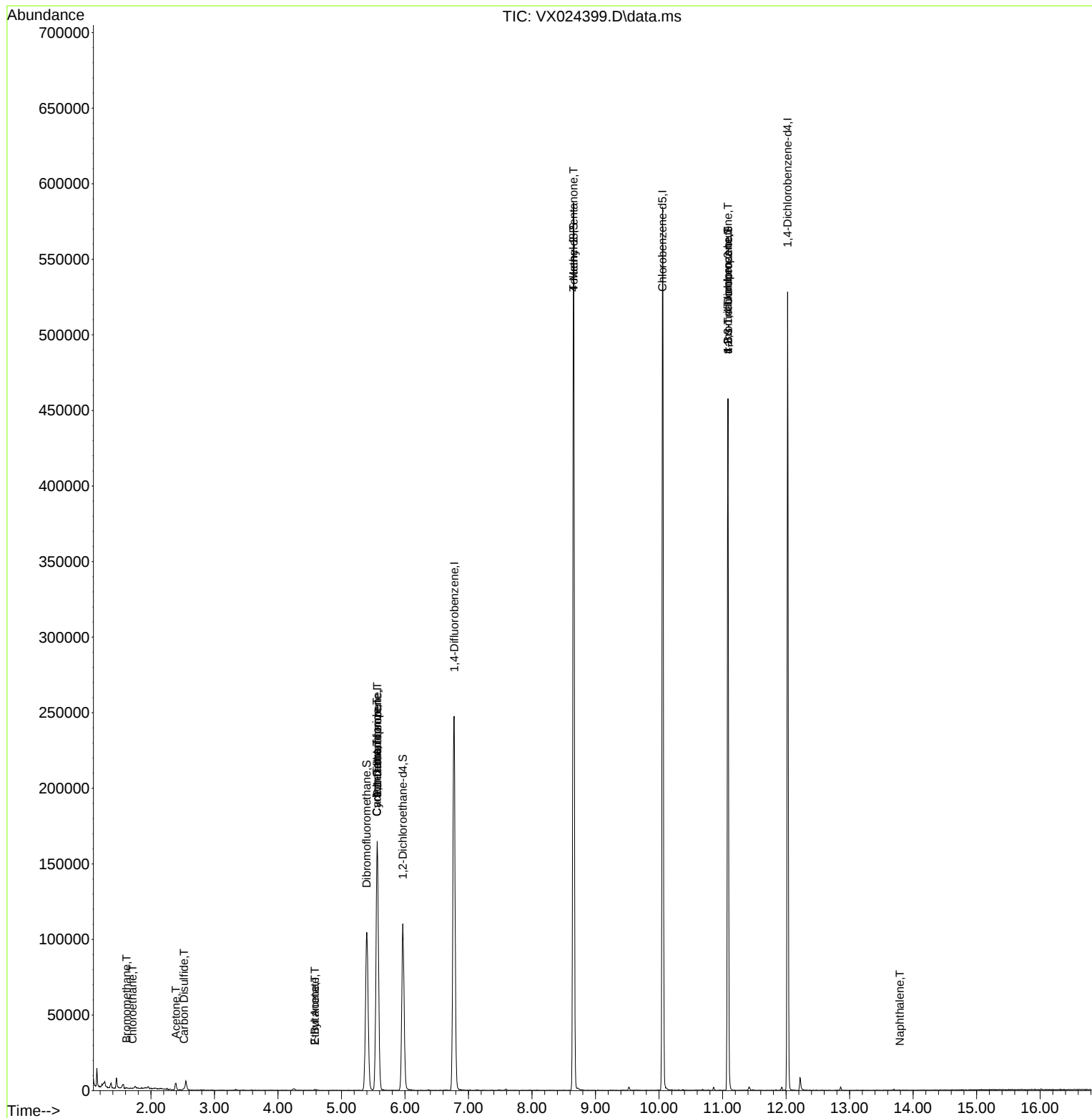
Internal Standards						
1) Pentafluorobenzene	5.562	168	149823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	248832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107590	50.360	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.720%			
35) Dibromofluoromethane	5.397	113	90820	54.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	8.653	98	341012	56.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.180%#			
62) 4-Bromofluorobenzene	11.085	95	117031	49.467	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.940%			
Target Compounds			Qvalue			
5) Bromomethane	1.617	94	386	0.433	ug/l #	32
6) Chloroethane	1.709	64	358	0.362	ug/l #	43
11) Tert butyl alcohol	2.965	59	109	Below Cal	#	73
16) Acetone	2.392	43	5105	5.604	ug/l #	86
17) Carbon Disulfide	2.520	76	1493	0.431	ug/l	96
25) 2-Butanone	4.580	43	993	0.740	ug/l #	45
31) Cyclohexane	5.556	56	3289	1.316	ug/l #	38
36) 1,1-Dichloropropene	5.562	75	11607	5.074	ug/l #	50
37) Ethyl Acetate	4.580	43	993	0.373	ug/l #	64
38) Carbon Tetrachloride	5.556	117	15536	6.034	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1575	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	61804	26.365	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	61804	77.541	ug/l #	12
95) Naphthalene	13.792	128	330	1.331	ug/l #	69

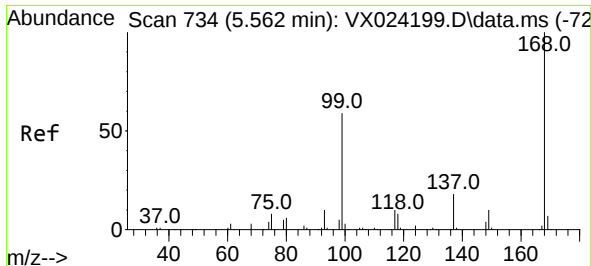
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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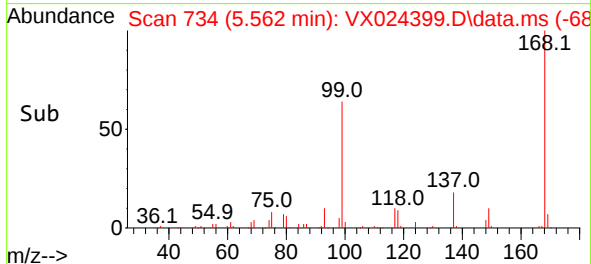
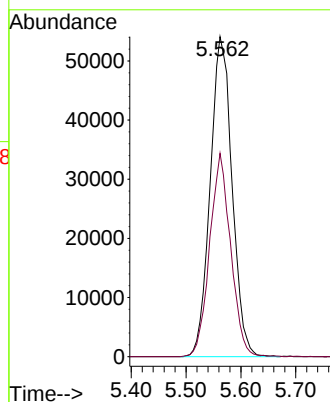
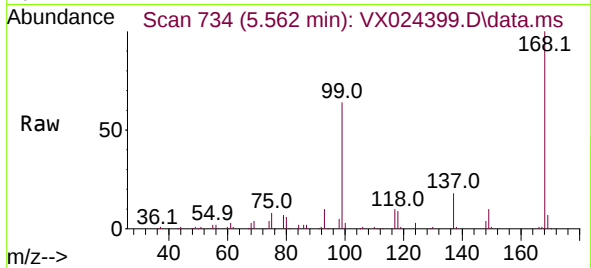




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

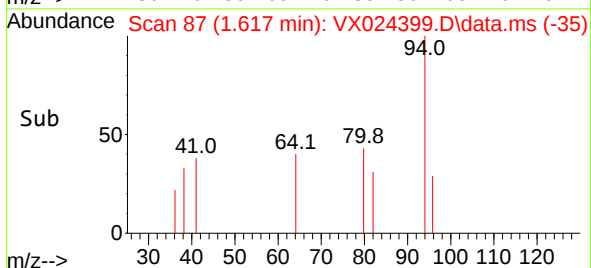
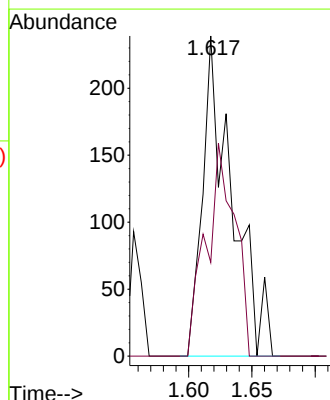
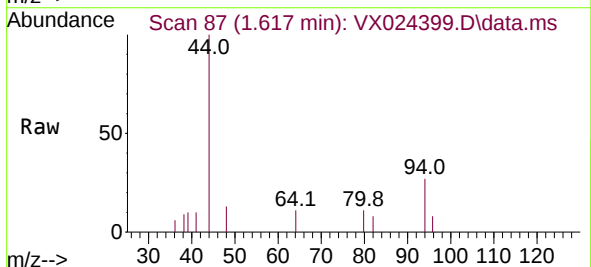
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-920-922

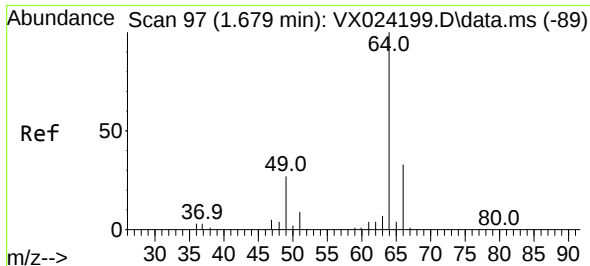
Tgt Ion:168 Resp: 149823
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.6



#5
Bromomethane
Concen: 0.433 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

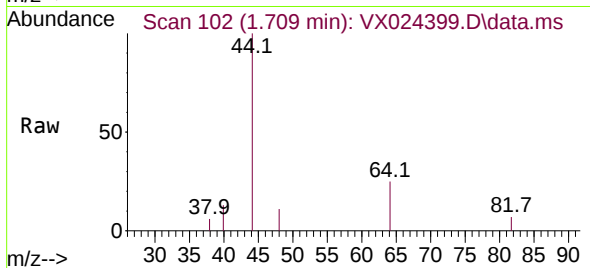
Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 29.3 76.4 114.6#



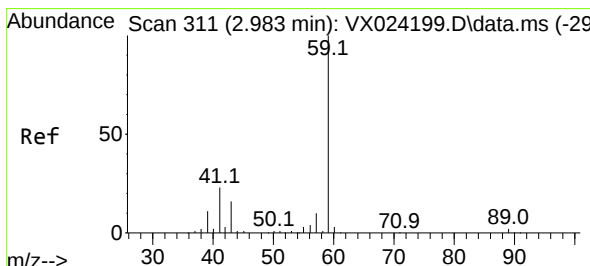
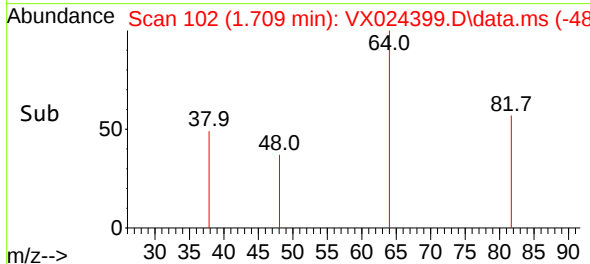
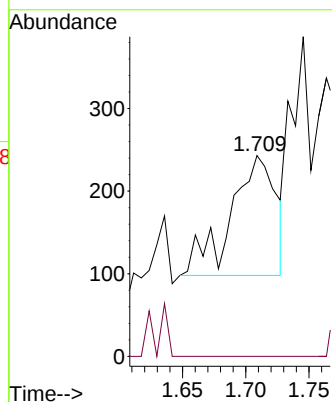


#6
Chloroethane
Concen: 0.362 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-920-922

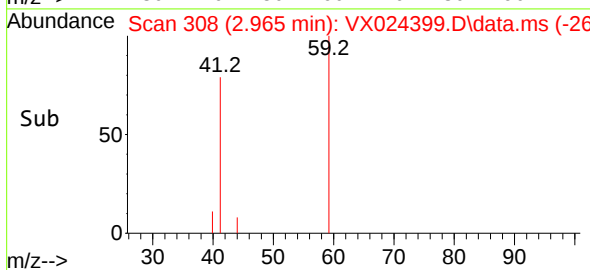
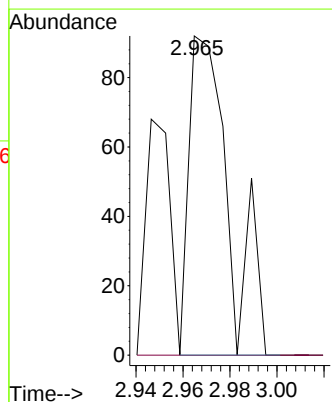
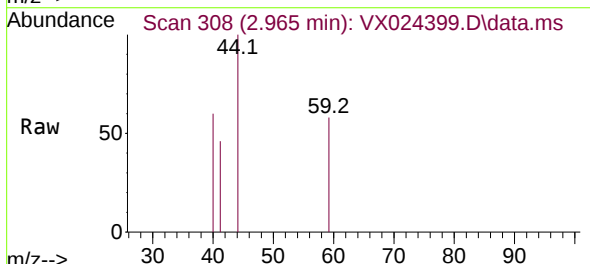


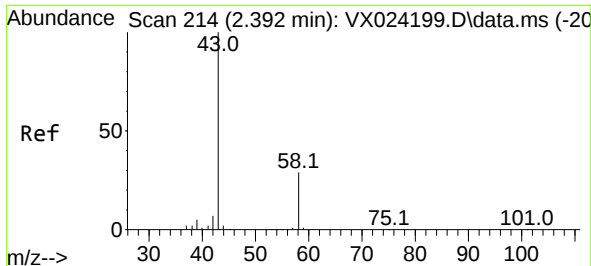
Tgt Ion: 64 Resp: 358
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

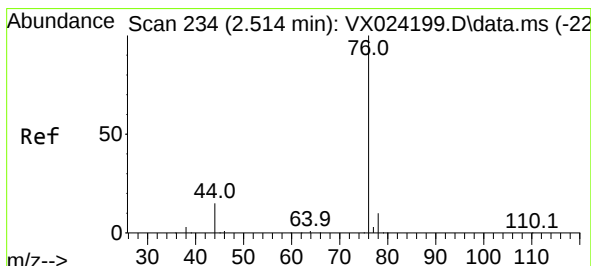
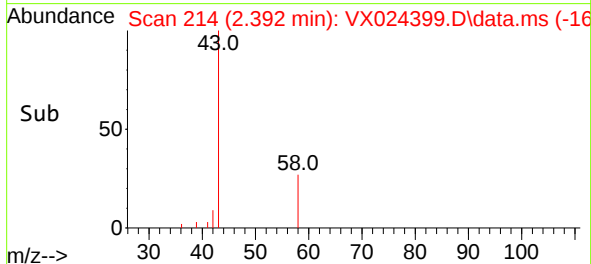
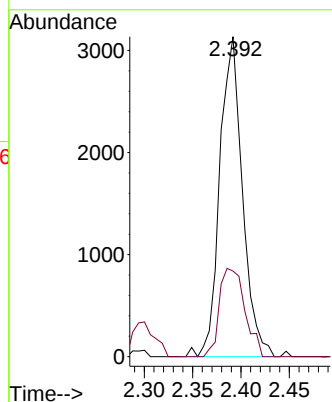
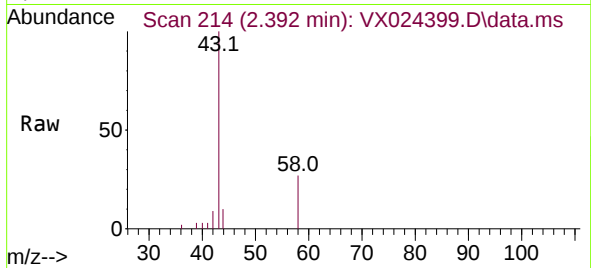




#16
Acetone
Concen: 5.604 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

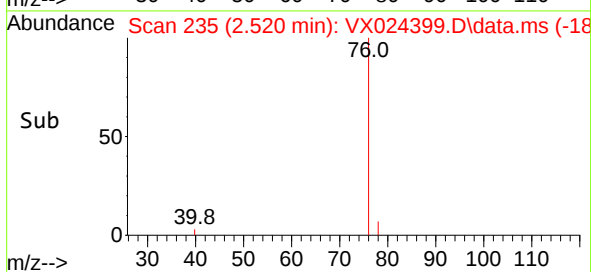
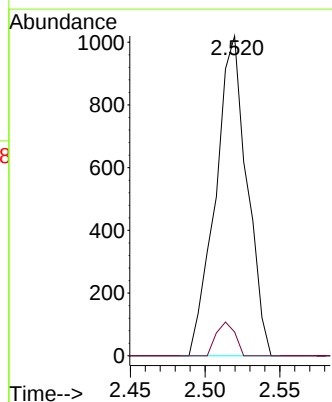
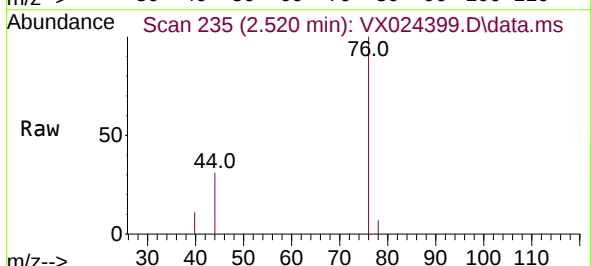
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-920-922

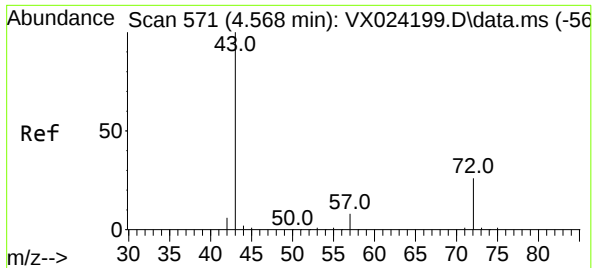
Tgt Ion: 43 Resp: 5105
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.431 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

Tgt Ion: 76 Resp: 1493
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8

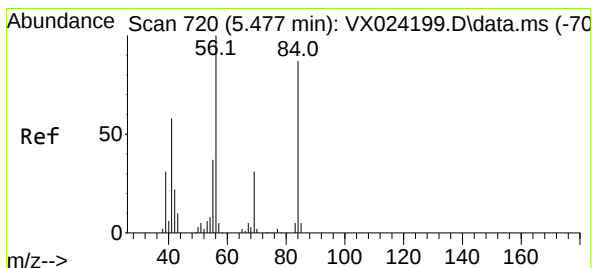
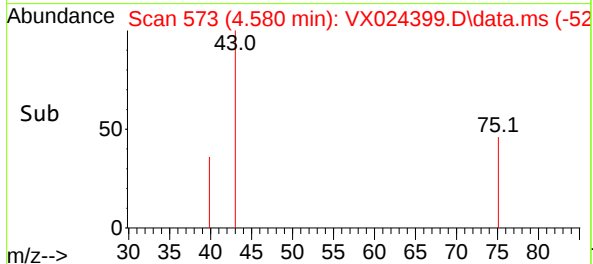
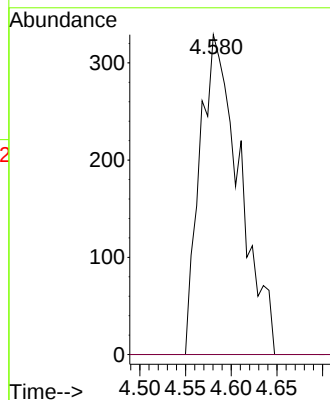
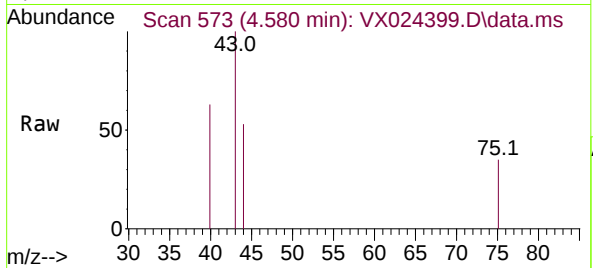




#25
2-Butanone
Concen: 0.740 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

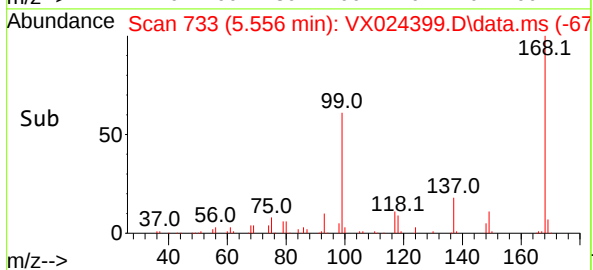
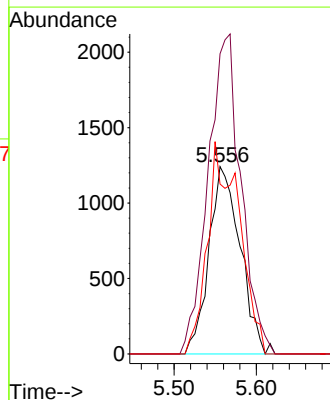
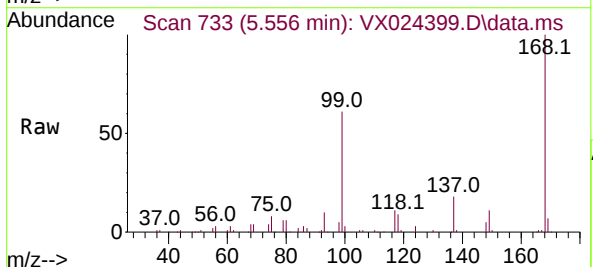
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-920-922

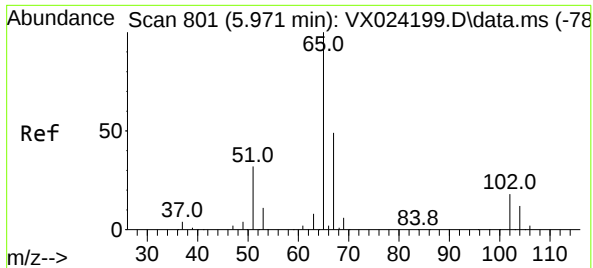
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.316 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

Tgt Ion: 56 Resp: 3289
Ion Ratio Lower Upper
56 100
69 160.1 25.3 37.9#
84 90.7 71.4 107.0

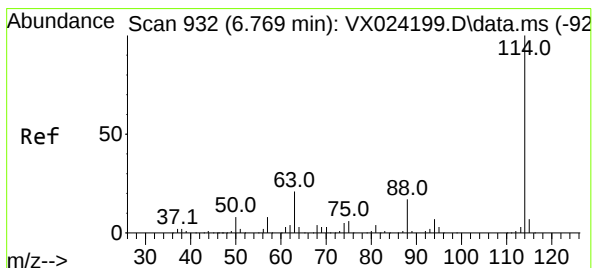
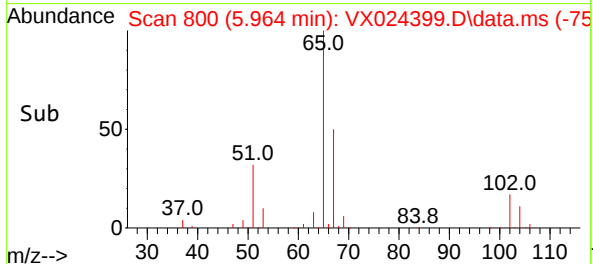
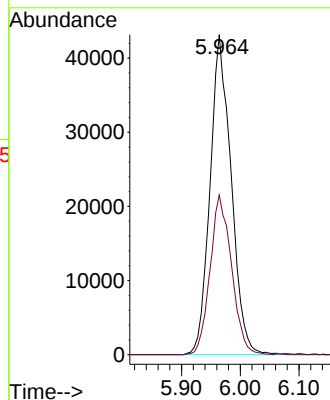
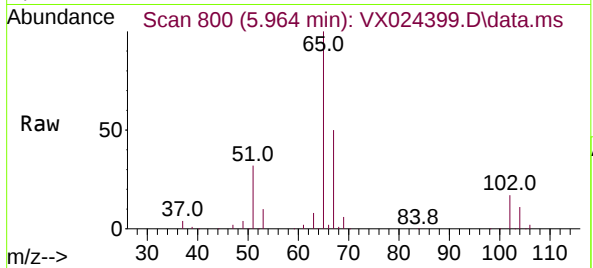




#33
1,2-Dichloroethane-d4
Concen: 50.360 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

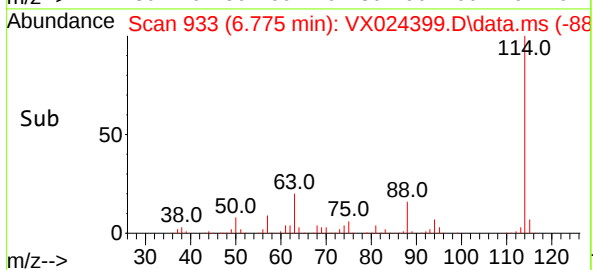
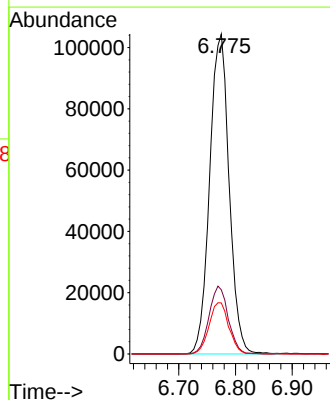
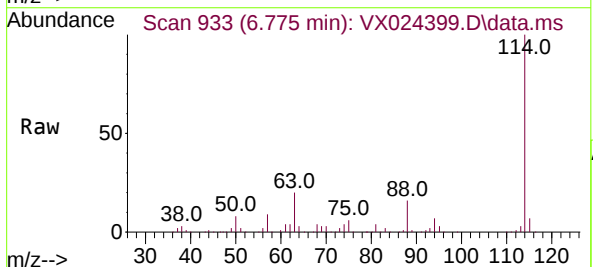
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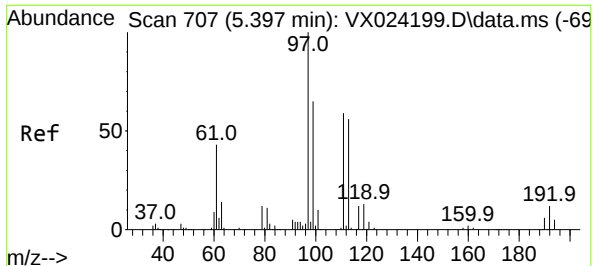
Tgt Ion: 65 Resp: 107590
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

Tgt Ion: 114 Resp: 248832
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.423 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024399.D

Acq: 21 Sep 2021 20:21

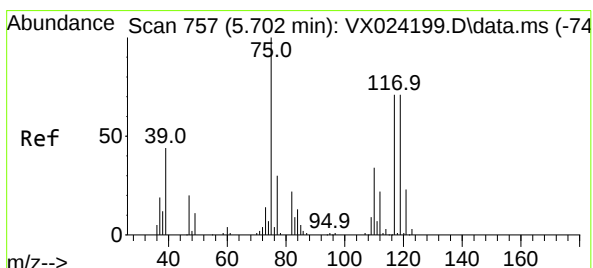
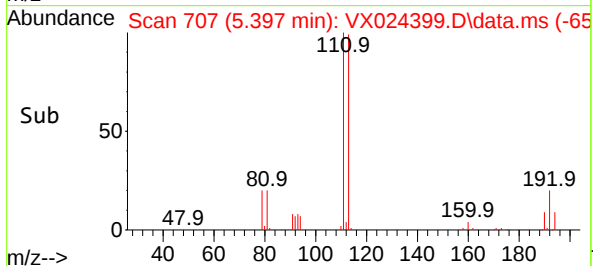
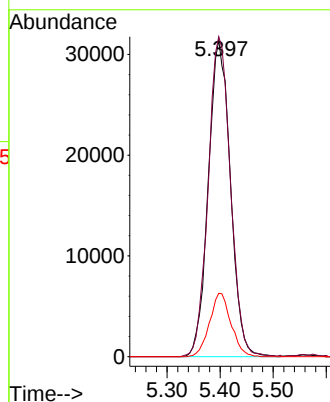
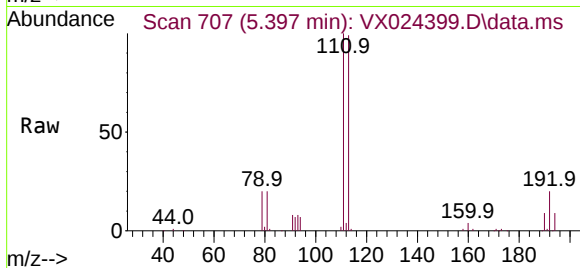
Tgt Ion:113 Resp: 90820

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.074 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024399.D

Acq: 21 Sep 2021 20:21

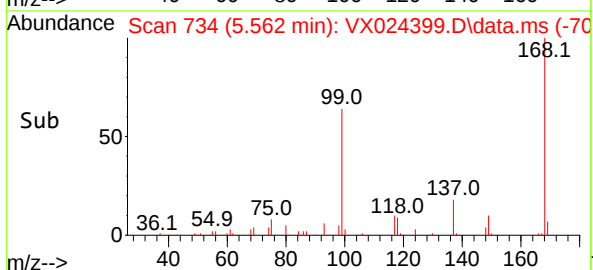
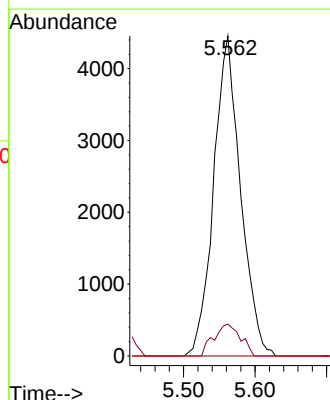
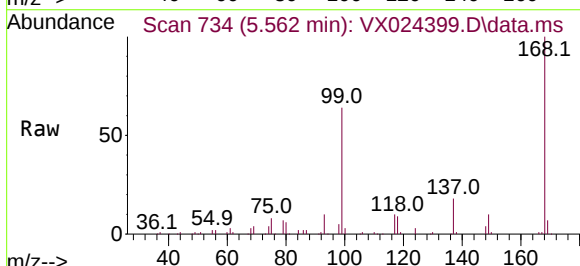
Tgt Ion: 75 Resp: 11607

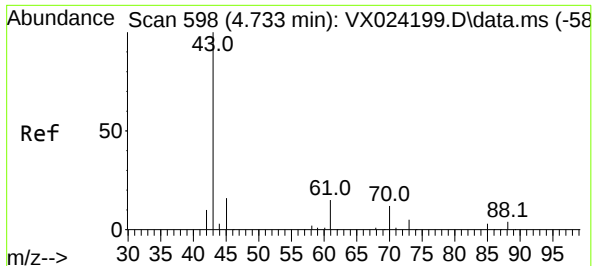
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.373 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.153 min

Lab File: VX024399.D

Acq: 21 Sep 2021 20:21

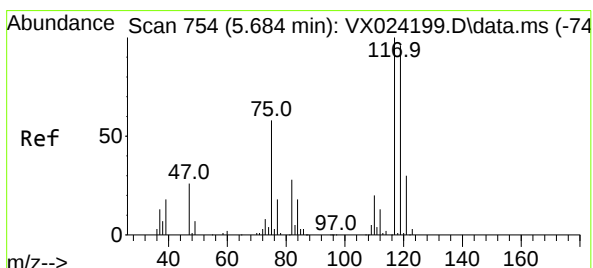
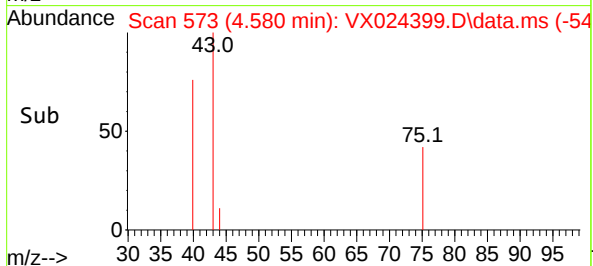
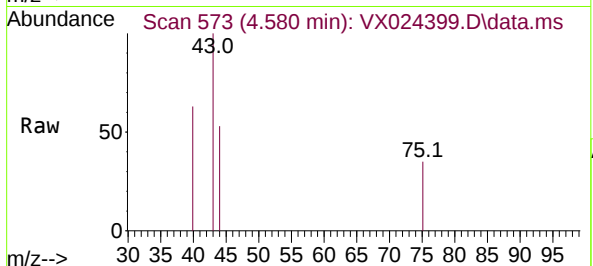
Instrument :

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Tgt Ion: 43	Resp: 993
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.034 ug/l

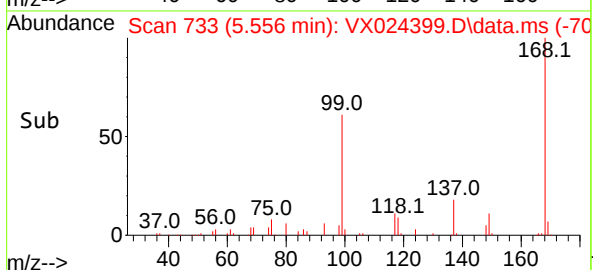
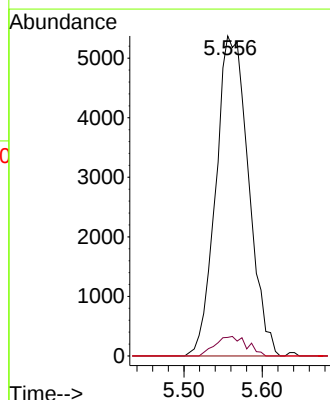
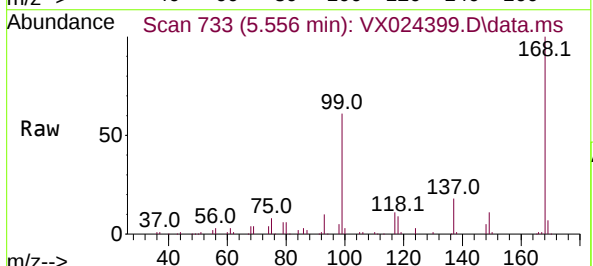
RT: 5.556 min Scan# 733

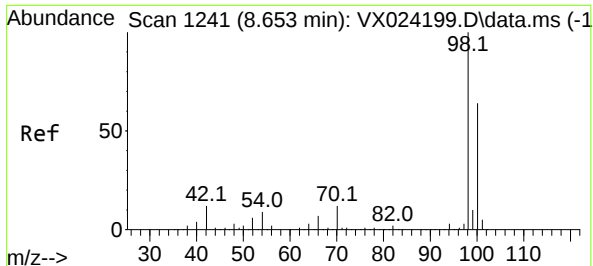
Delta R.T. -0.128 min

Lab File: VX024399.D

Acq: 21 Sep 2021 20:21

Tgt Ion: 117	Resp: 15536
Ion Ratio	Lower Upper
117 100	
119 5.8	76.2 114.2#
121 0.0	24.8 37.2#





#50

Toluene-d8

Concen: 56.094 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024399.D

Acq: 21 Sep 2021 20:21

Instrument :

MSVOA_X

ClientSampleId :

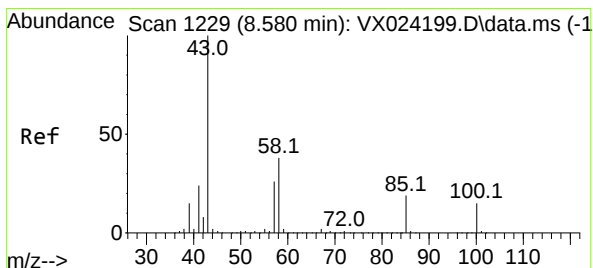
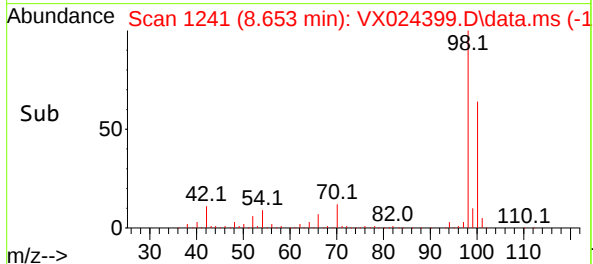
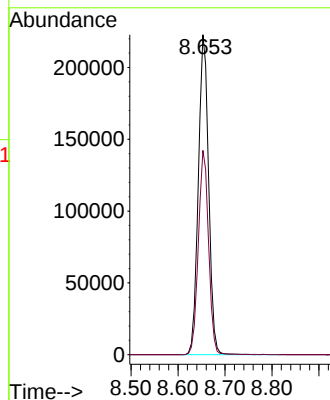
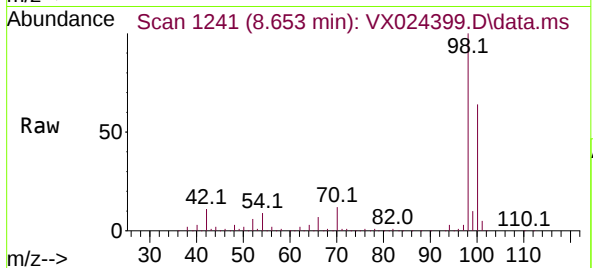
BP-TT-VPB-RW7-GW-920-922

Tgt Ion: 98 Resp: 341012

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.582 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024399.D

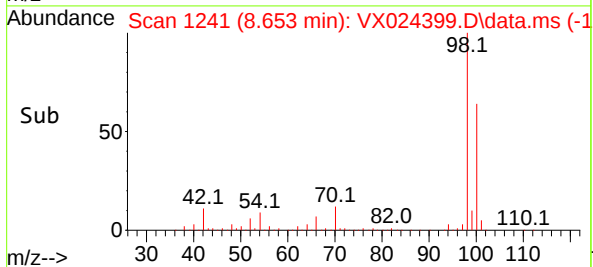
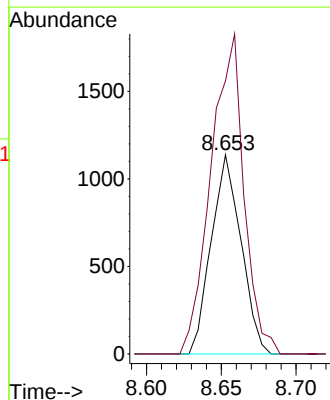
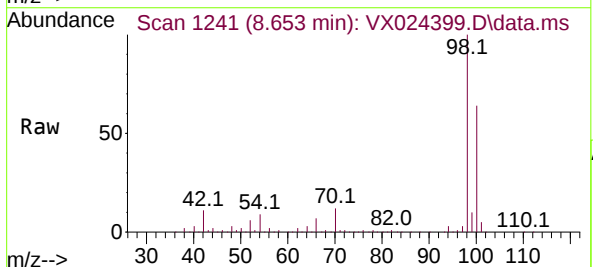
Acq: 21 Sep 2021 20:21

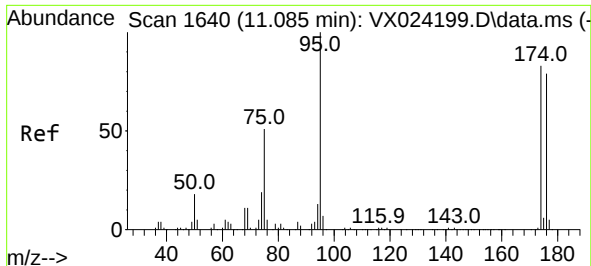
Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

43 100

58 178.1 35.4 53.0#

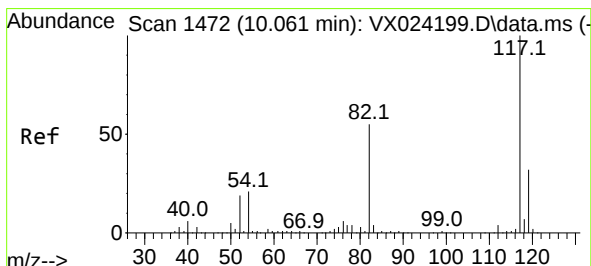
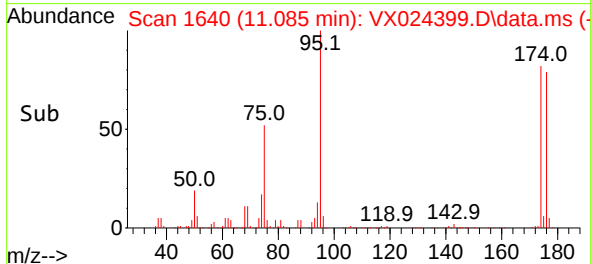
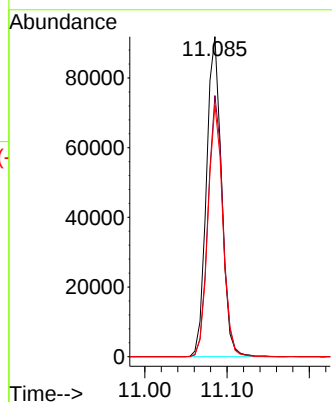
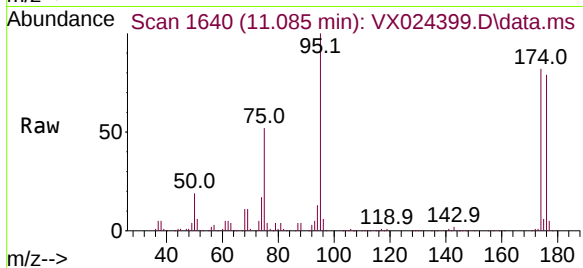




#62
4-Bromofluorobenzene
Concen: 49.467 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

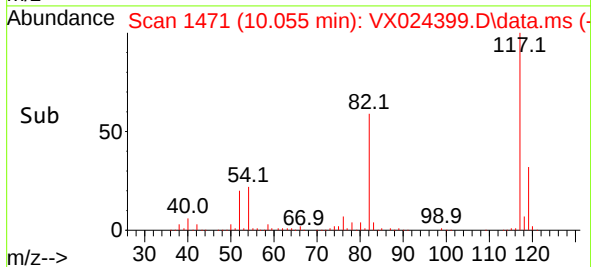
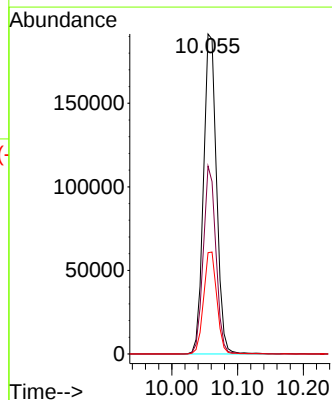
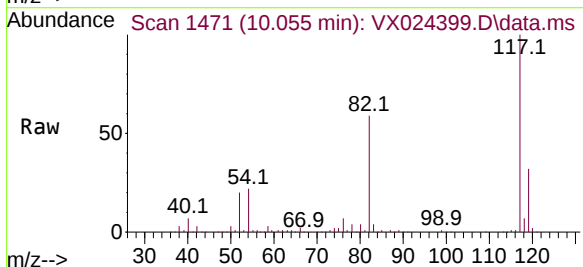
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-920-922

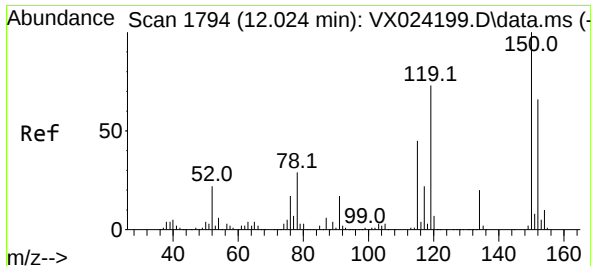
Tgt Ion: 95 Resp: 117031
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

Tgt Ion: 117 Resp: 264459
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.7 26.6 39.8

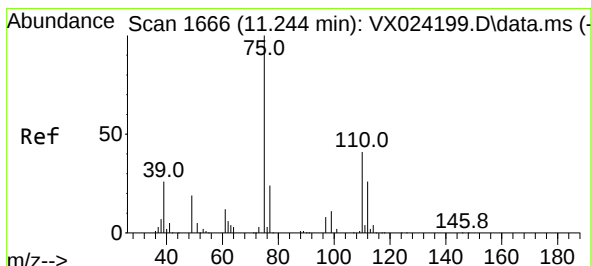
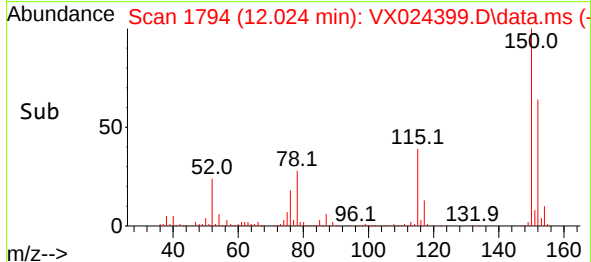
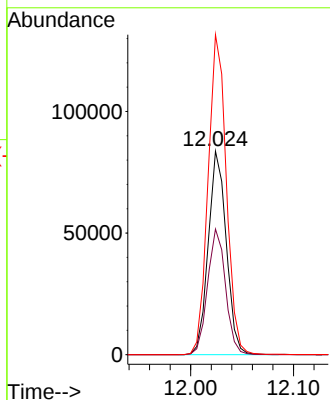
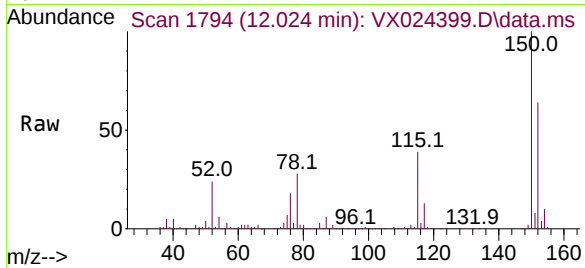




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024399.D
 Acq: 21 Sep 2021 20:21

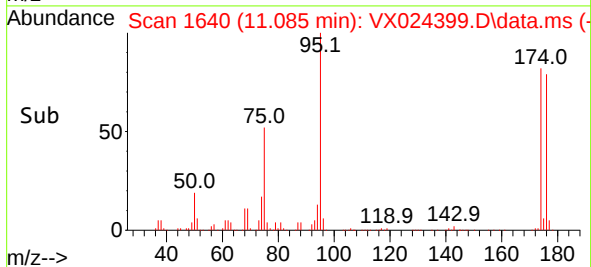
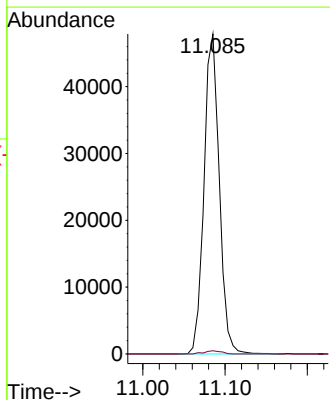
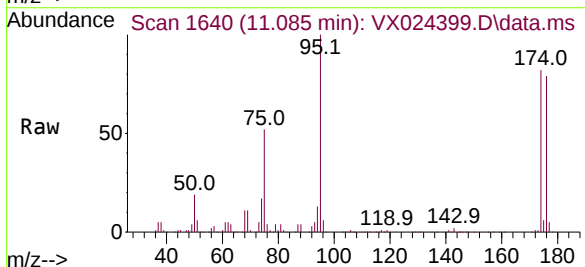
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-920-922

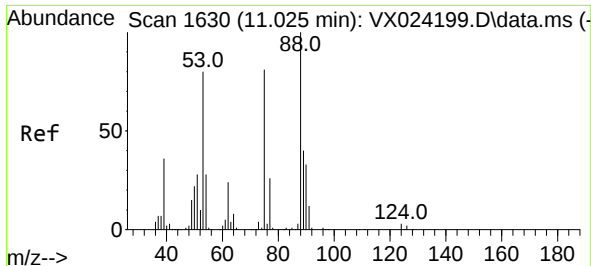
Tgt Ion:152 Resp: 101945
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.1 123.3
 150 159.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.365 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024399.D
 Acq: 21 Sep 2021 20:21

Tgt Ion: 75 Resp: 61804
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

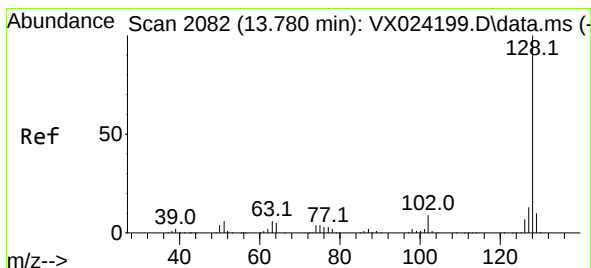
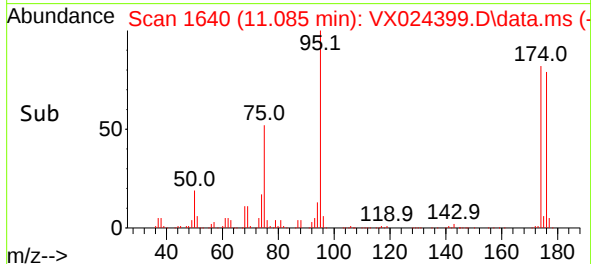
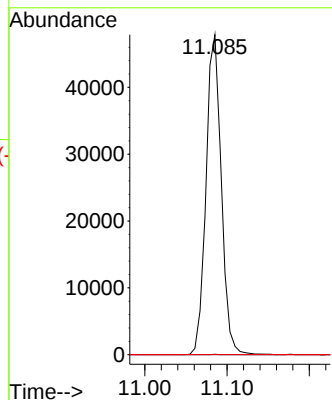
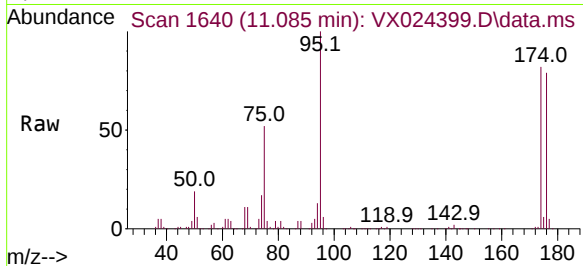




#81
trans-1,4-Dichloro-2-butene
Concen: 77.541 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-920-922

Tgt Ion: 75 Resp: 61804
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.331 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX024399.D
Acq: 21 Sep 2021 20:21

Tgt Ion: 128 Resp: 330
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

