

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024601.D
 Acq On : 06 Oct 2021 04:09
 Operator : JC/MD
 Sample : M4055-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-RW8-MW01D3-GW-20210929

Quant Time: Oct 06 06:54:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

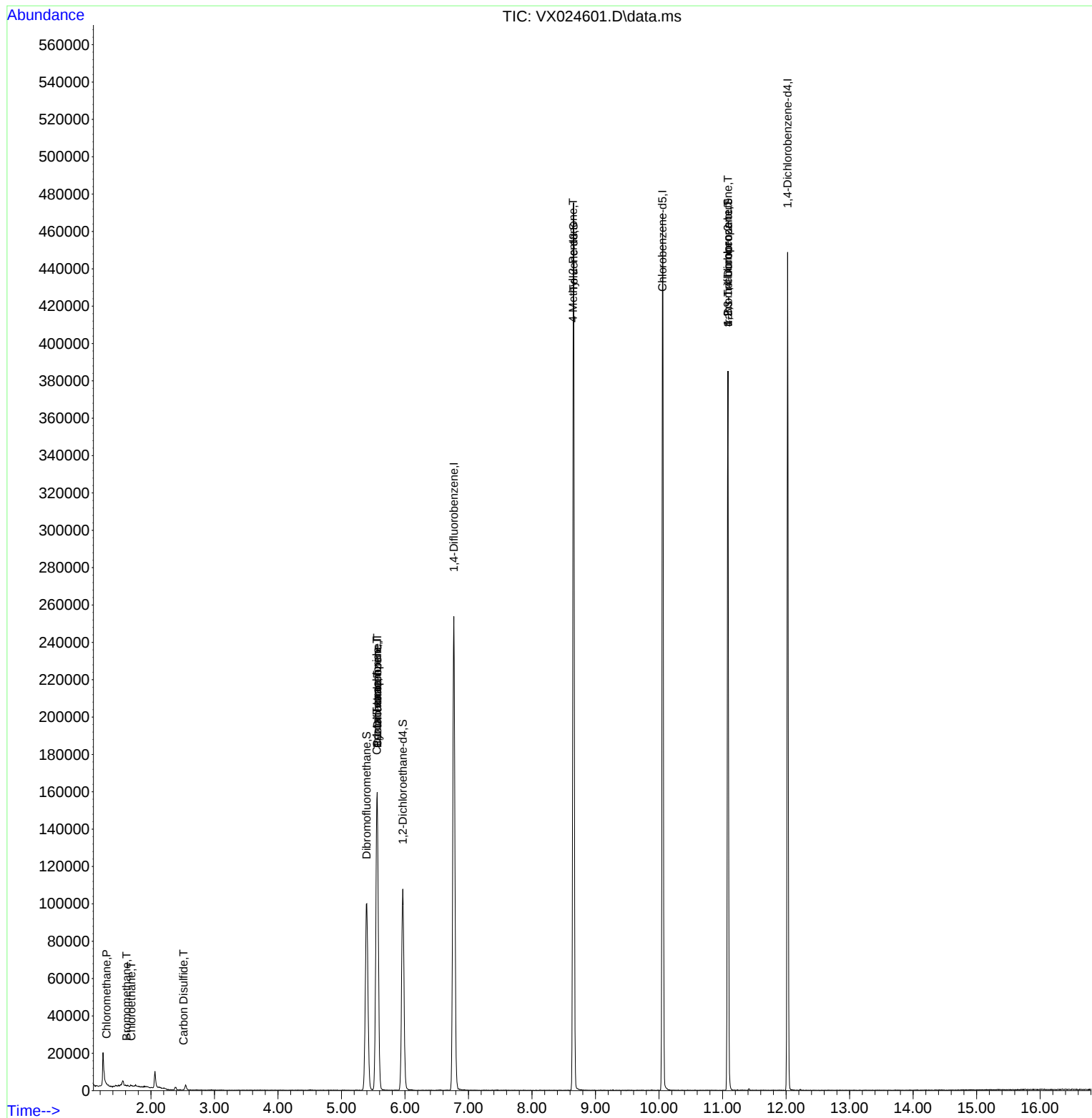
Internal Standards						
1) Pentafluorobenzene	5.562	168	146900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106766	51.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.140%	
35) Dibromofluoromethane	5.397	113	86888	51.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	8.653	98	269948	43.446	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 86.900%#	
62) 4-Bromofluorobenzene	11.085	95	96128	39.348	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 78.700%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	357	0.256	ug/l #	88
5) Bromomethane	1.618	94	299	0.305	ug/l	81
6) Chloroethane	1.691	64	375	0.643	ug/l #	70
11) Tert butyl alcohol	2.959	59	93	Below Cal	#	73
16) Acetone	2.386	43	1729	Below Cal		94
17) Carbon Disulfide	2.514	76	182	0.280	ug/l #	75
20) Methylene Chloride	2.788	84	63	Below Cal	#	44
31) Cyclohexane	5.562	56	3157	1.273	ug/l #	12
36) 1,1-Dichloropropene	5.562	75	11429	4.691	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15609	5.886	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1164	0.381	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	52449	26.039	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52449	70.927	ug/l #	12

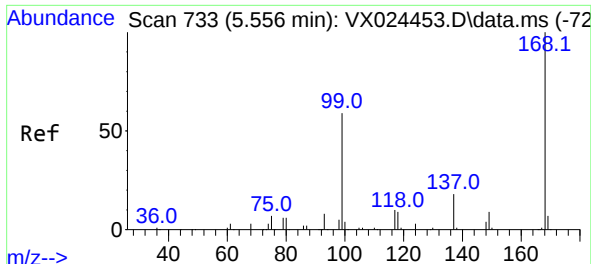
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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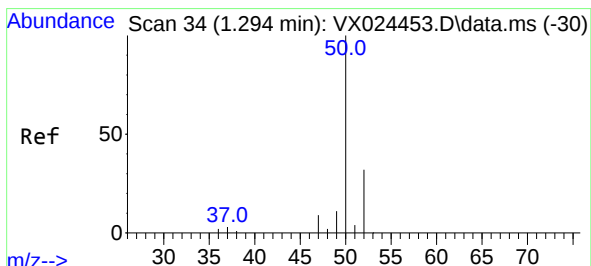
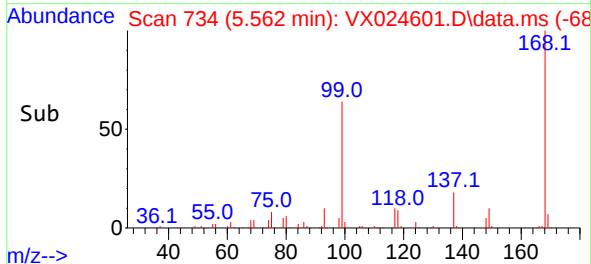
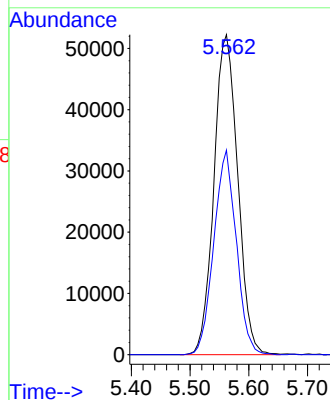
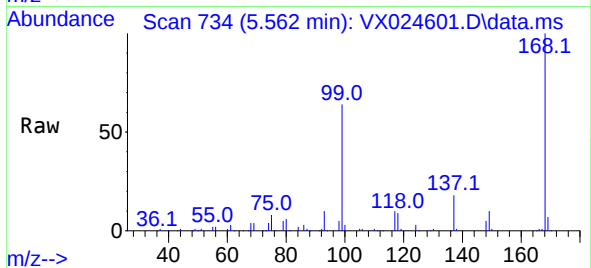




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

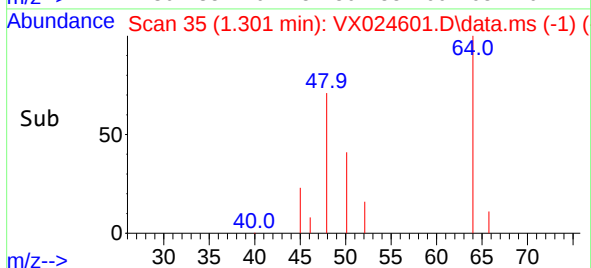
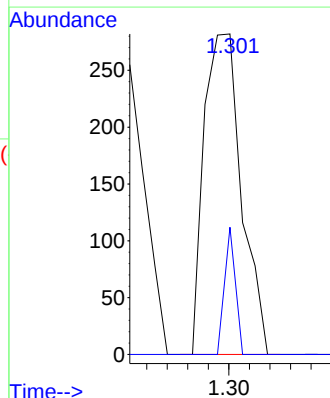
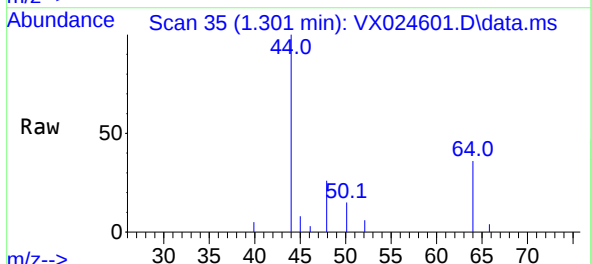
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

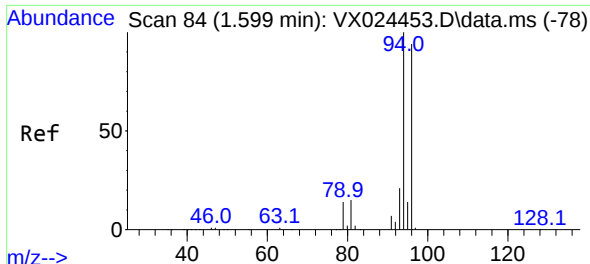
Tgt Ion:168 Resp: 146900
Ion Ratio Lower Upper
168 100
99 63.9 45.8 68.6



#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Tgt Ion: 50 Resp: 357
Ion Ratio Lower Upper
50 100
52 39.7 26.4 39.6#

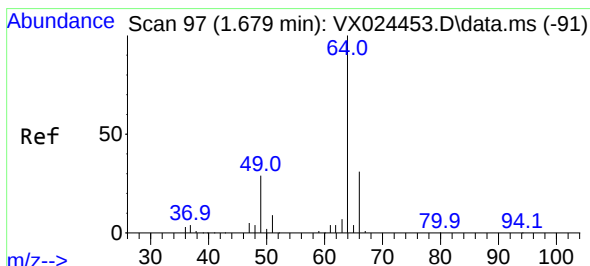
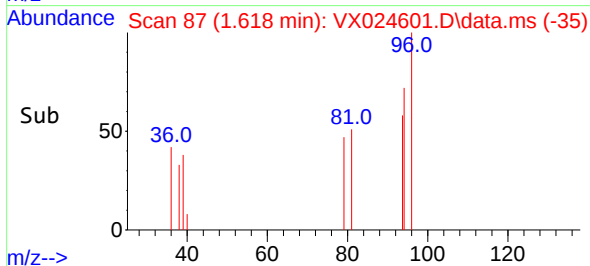
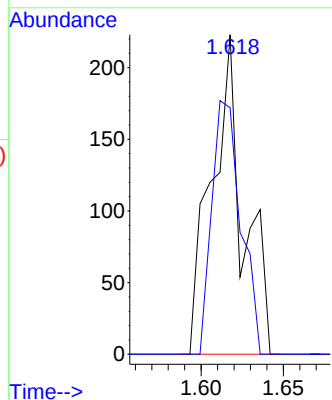
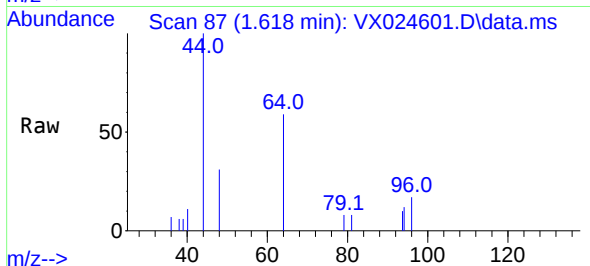




#5
Bromomethane
Concen: 0.305 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

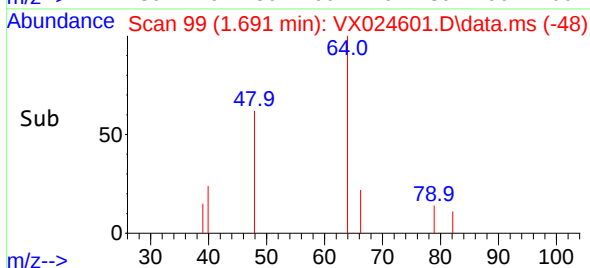
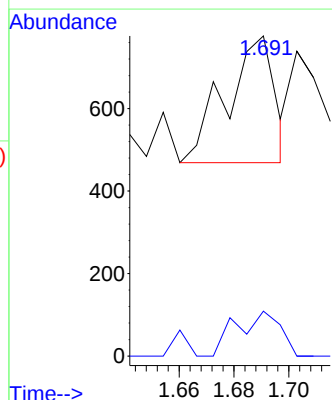
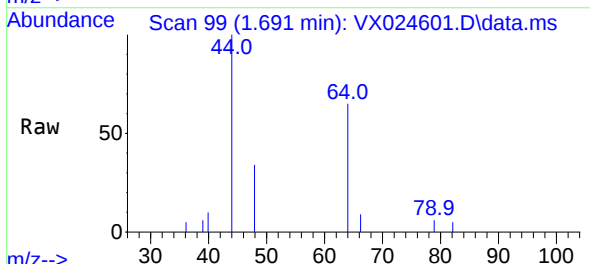
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

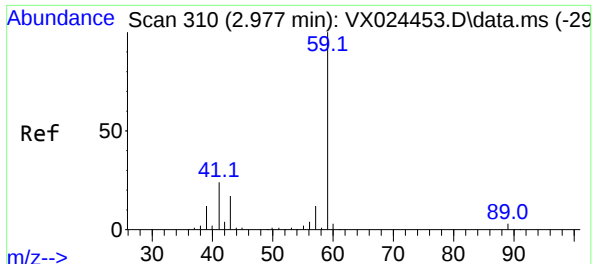
Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 77.1 76.4 114.6



#6
Chloroethane
Concen: 0.643 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Tgt Ion: 64 Resp: 375
Ion Ratio Lower Upper
64 100
66 15.0 25.4 38.0#



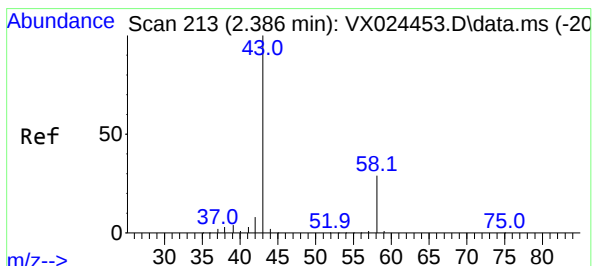
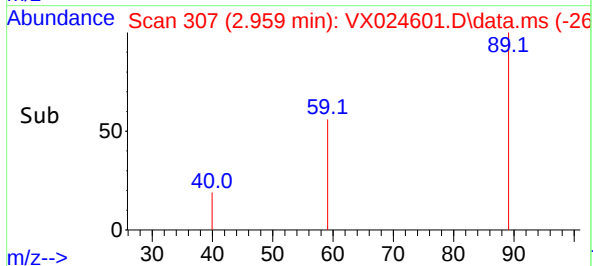
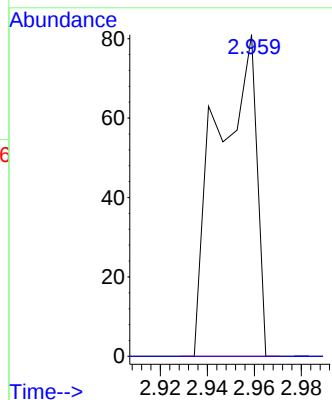
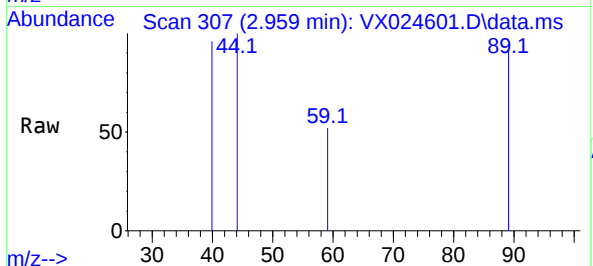


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

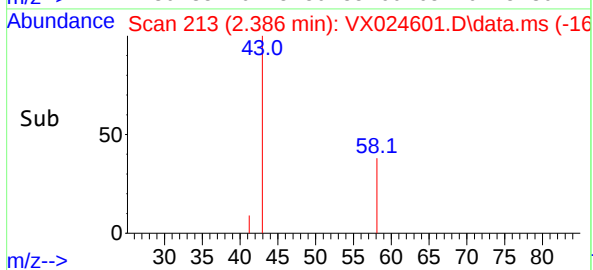
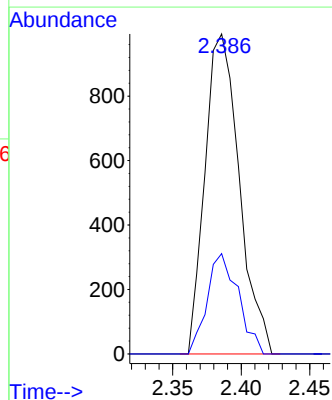
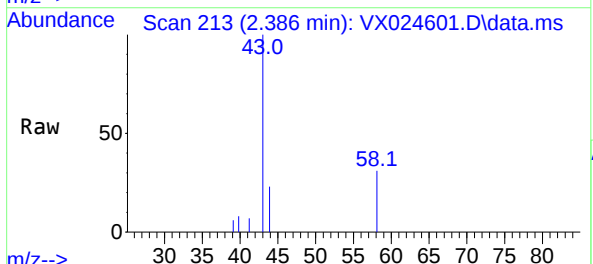
Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

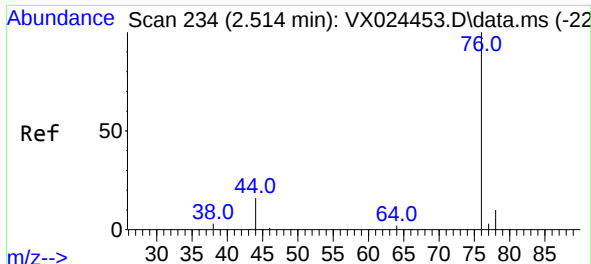


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8

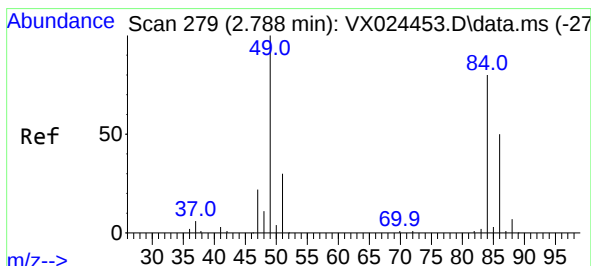
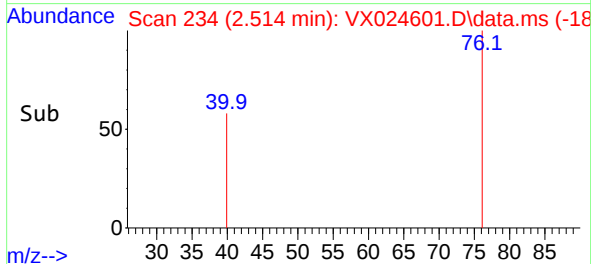
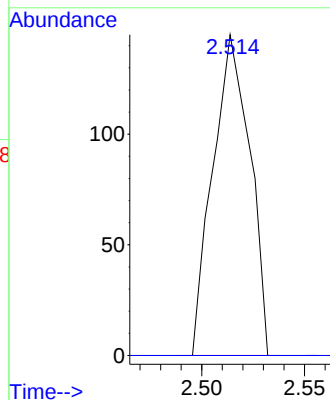
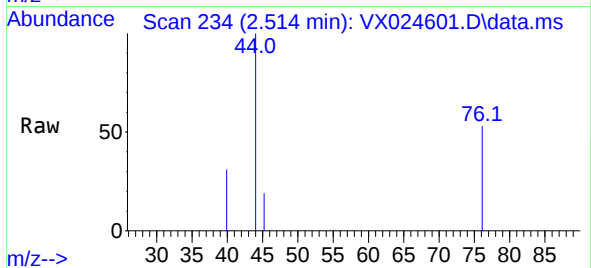




#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

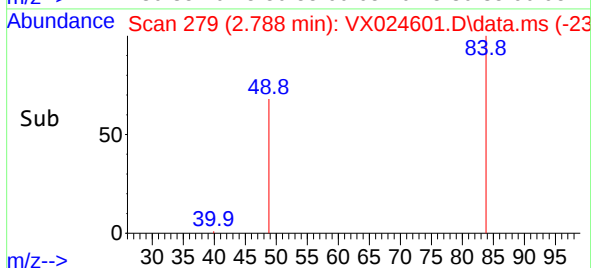
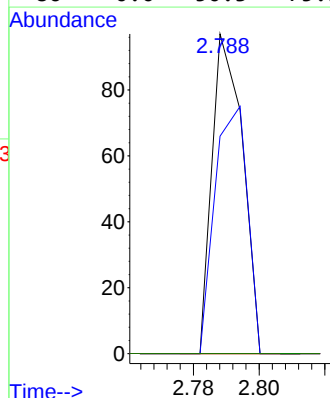
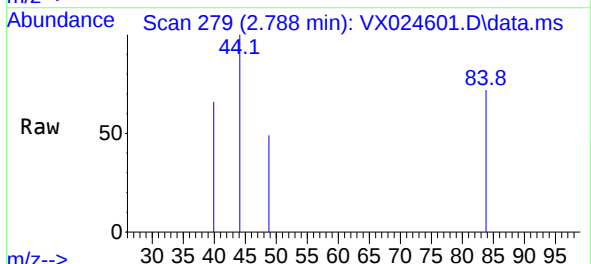
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

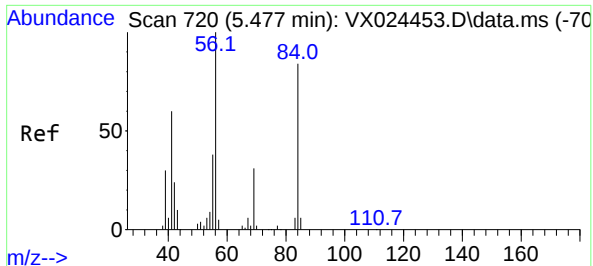
Tgt Ion: 76 Resp: 182
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

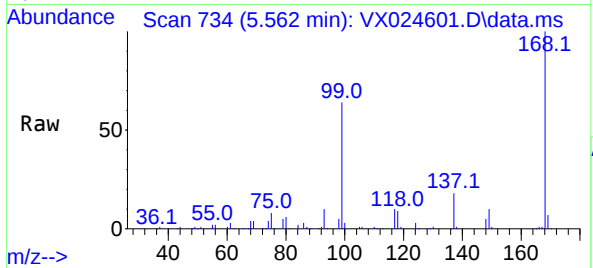
Tgt Ion: 84 Resp: 63
Ion Ratio Lower Upper
84 100
49 68.0 88.6 132.8#
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#



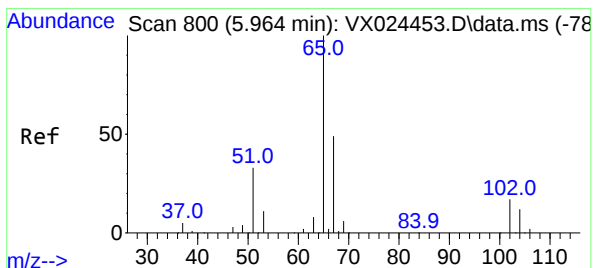
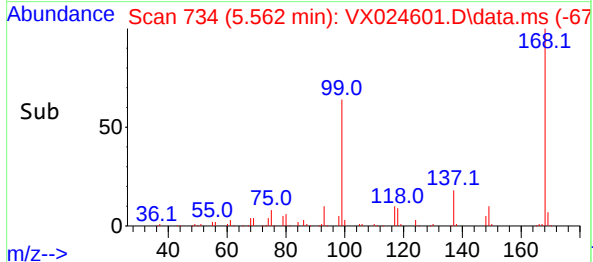
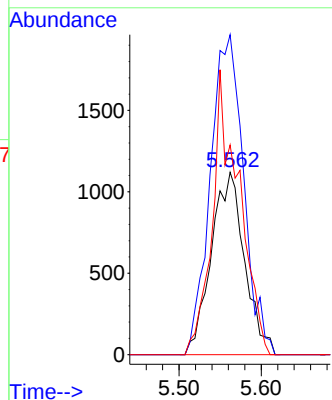


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

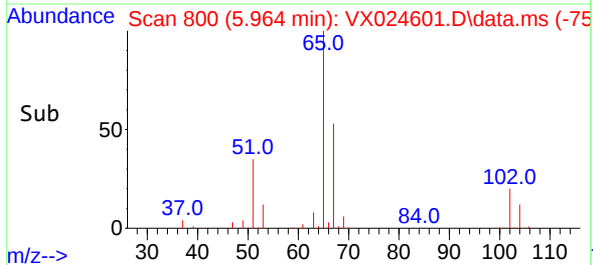
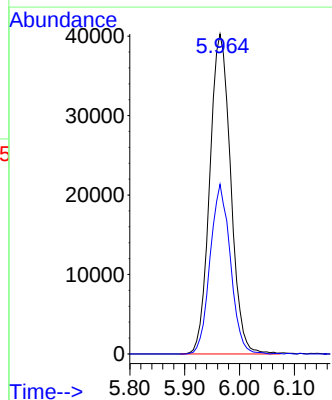
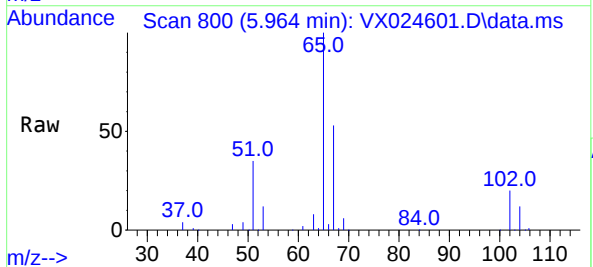


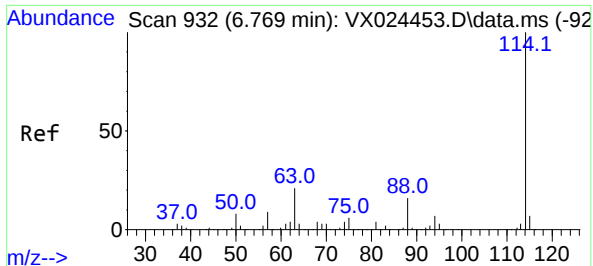
Tgt Ion: 56 Resp: 3157
Ion Ratio Lower Upper
56 100
69 175.4 25.3 37.9#
84 115.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.568 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Tgt Ion: 65 Resp: 106766
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

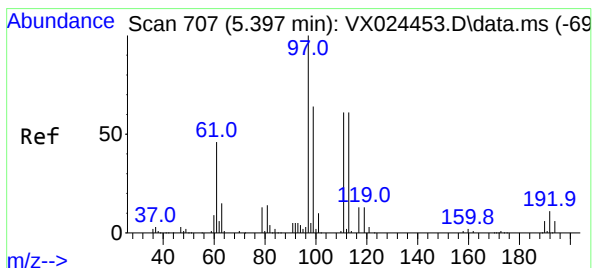
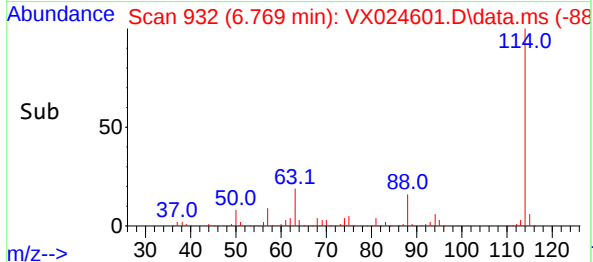
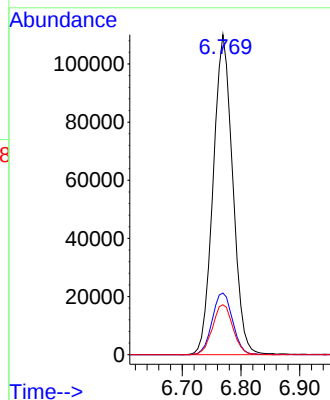
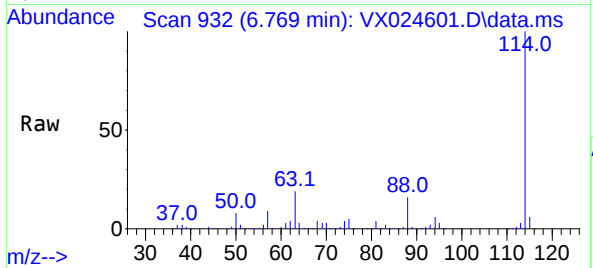




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

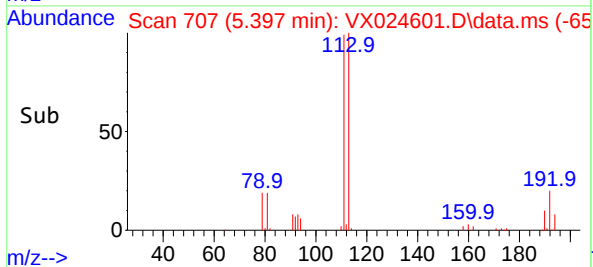
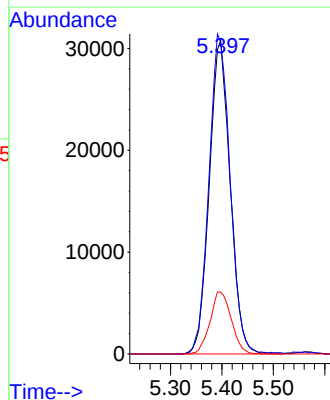
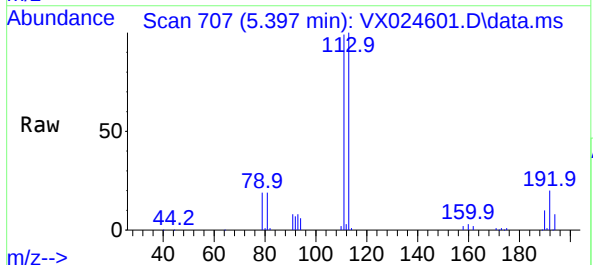
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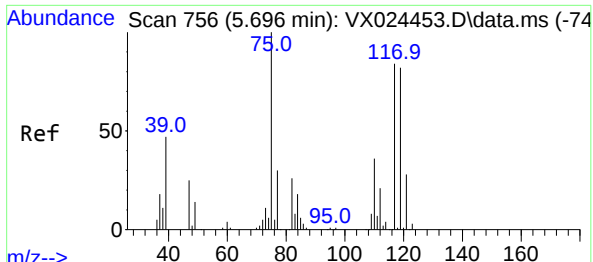
Tgt Ion:114 Resp: 254122
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.468 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Tgt Ion:113 Resp: 86888
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 20.1 16.7 25.1



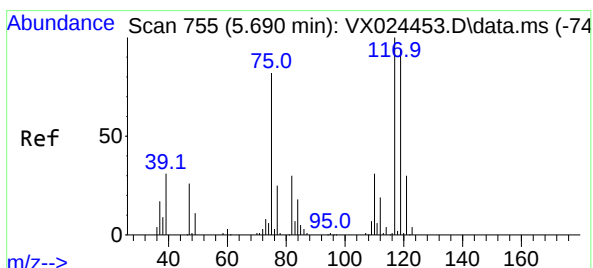
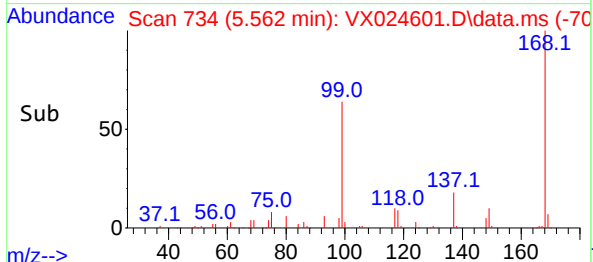
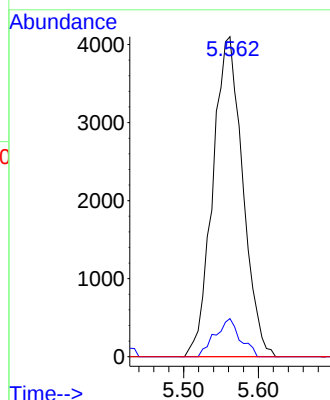
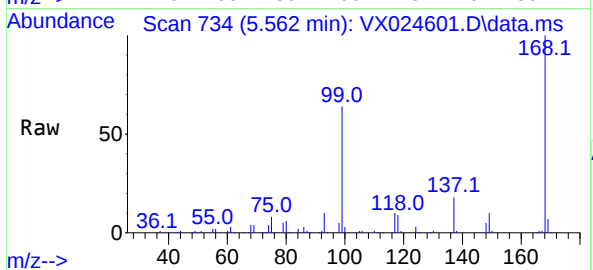


#36
1,1-Dichloropropene
Concen: 4.691 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

Tgt Ion: 75 Resp: 11429

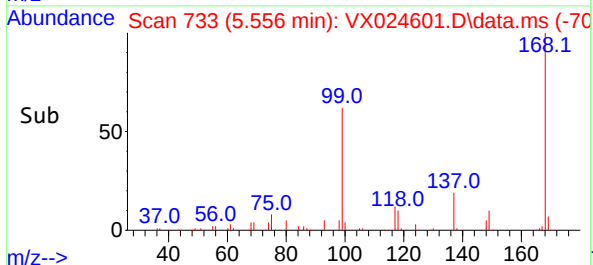
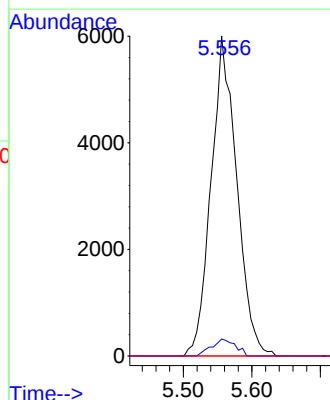
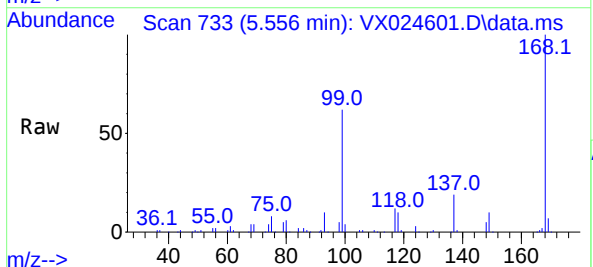
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.4#
77	0.0	25.3	37.9#

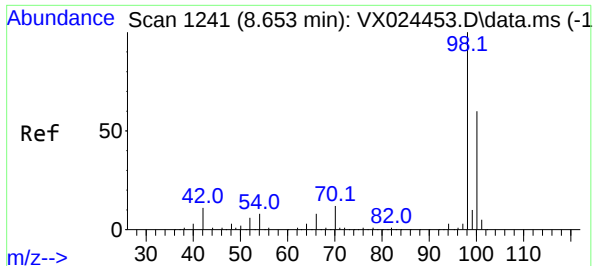


#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Tgt Ion: 117 Resp: 15609

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.8	37.2#

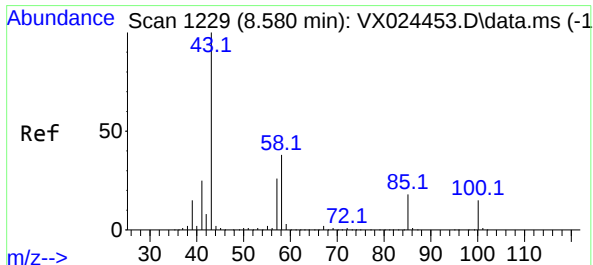
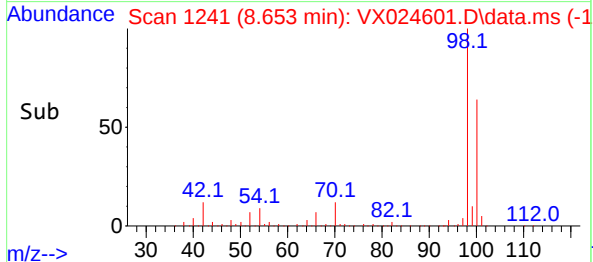
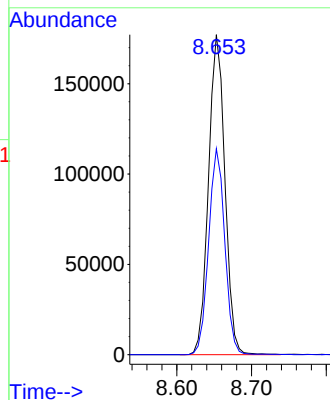
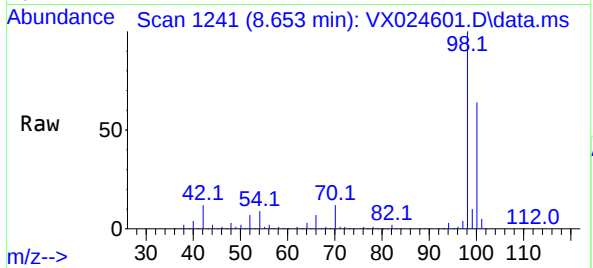




#50
Toluene-d8
Concen: 43.446 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

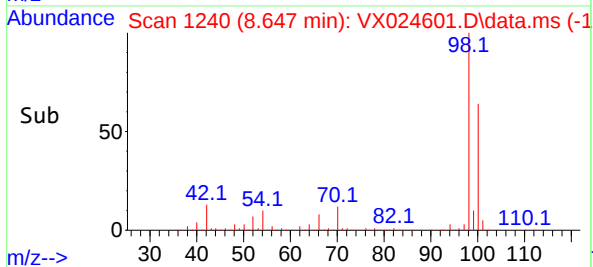
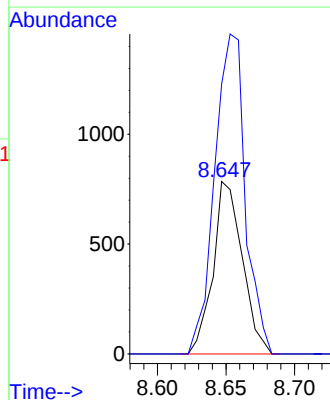
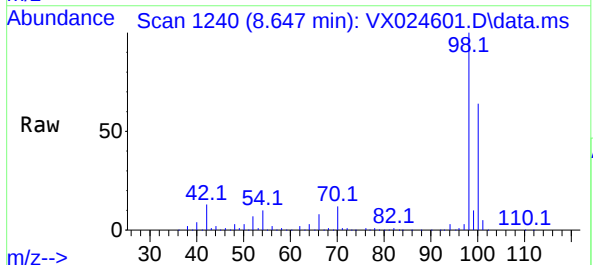
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

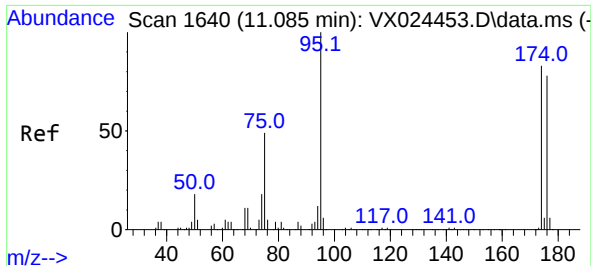
Tgt Ion: 98 Resp: 269948
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.381 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
58 194.7 35.4 53.0#

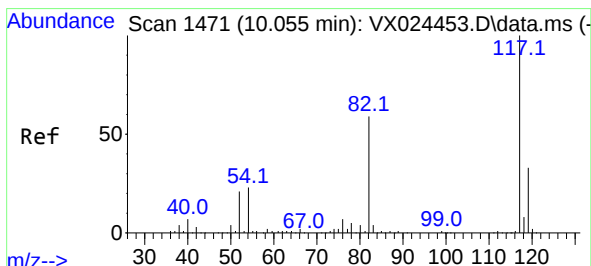
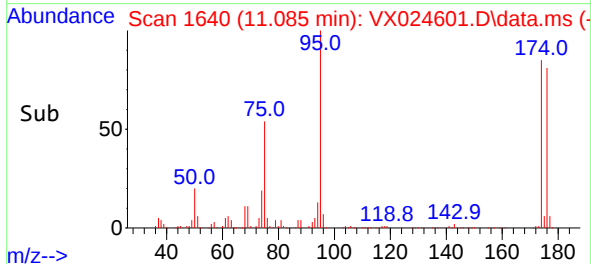
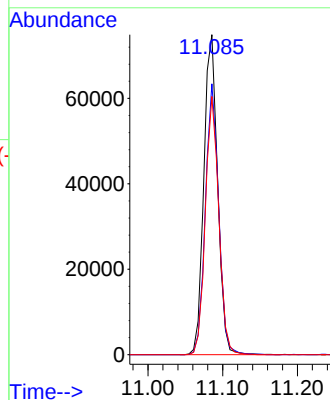
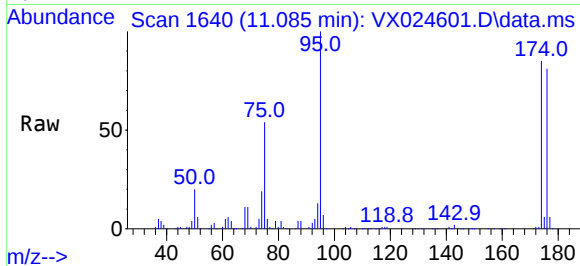




#62
4-Bromofluorobenzene
Concen: 39.348 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

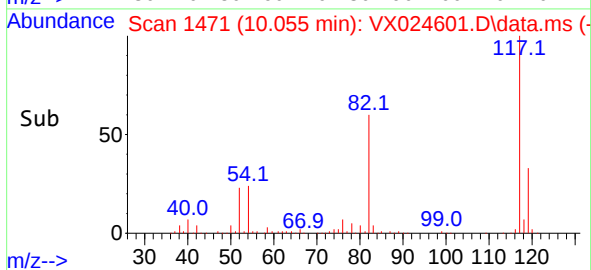
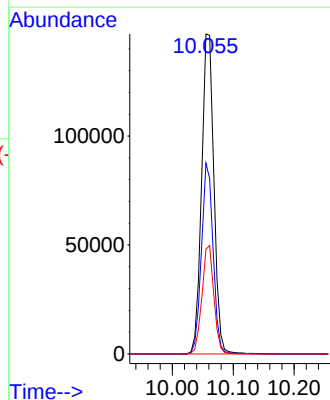
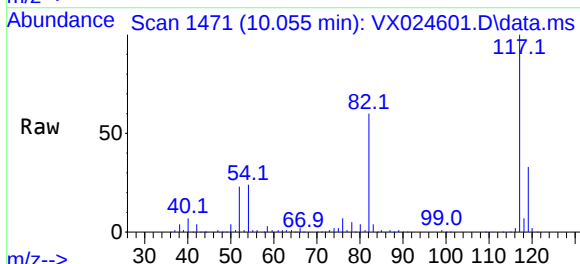
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

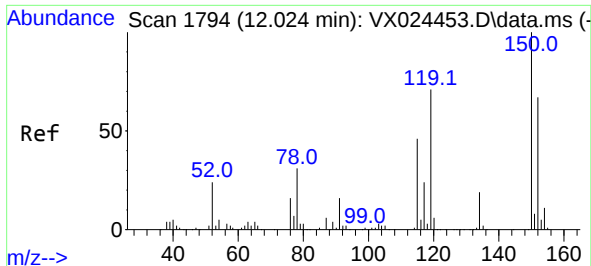
Tgt Ion: 95 Resp: 96128
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Tgt Ion: 117 Resp: 206551
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.7 26.6 39.8

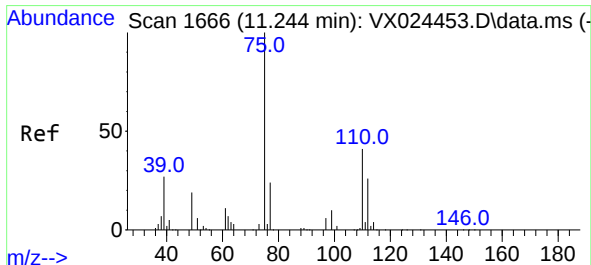
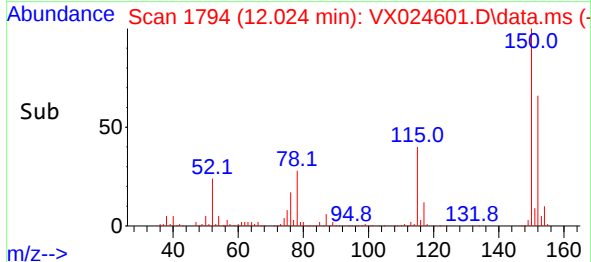
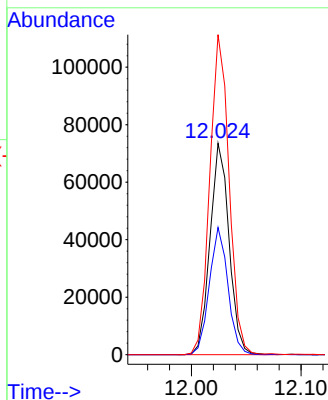
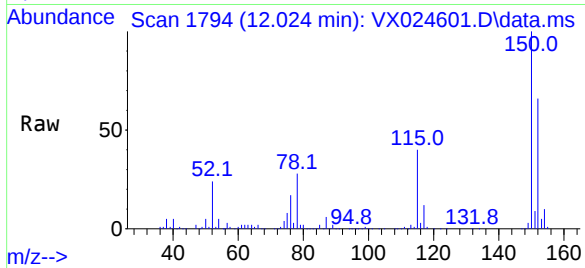




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

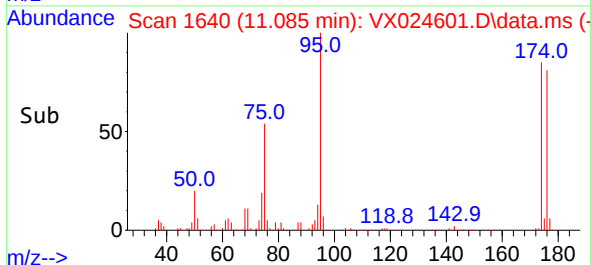
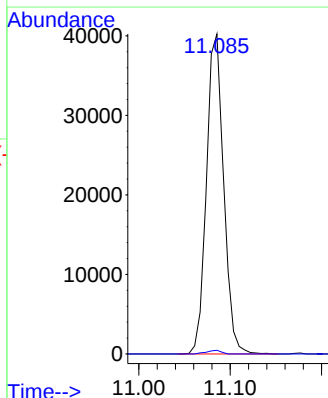
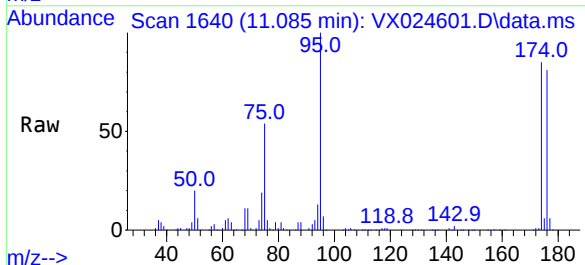
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

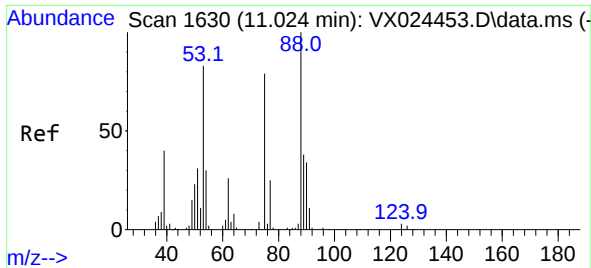
Tgt Ion:152 Resp: 88697
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 153.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.039 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

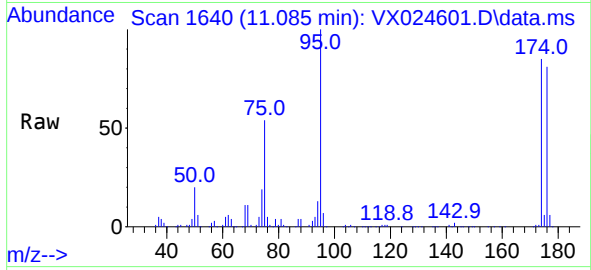
Tgt Ion: 75 Resp: 52449
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.927 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024601.D
Acq: 06 Oct 2021 04:09

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929



Tgt Ion: 75 Resp: 52449
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

