

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030807.D
 Acq On : 26 Aug 2022 06:08
 Operator : JC/MD
 Sample : N4278-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20220818

Quant Time: Aug 26 07:49:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

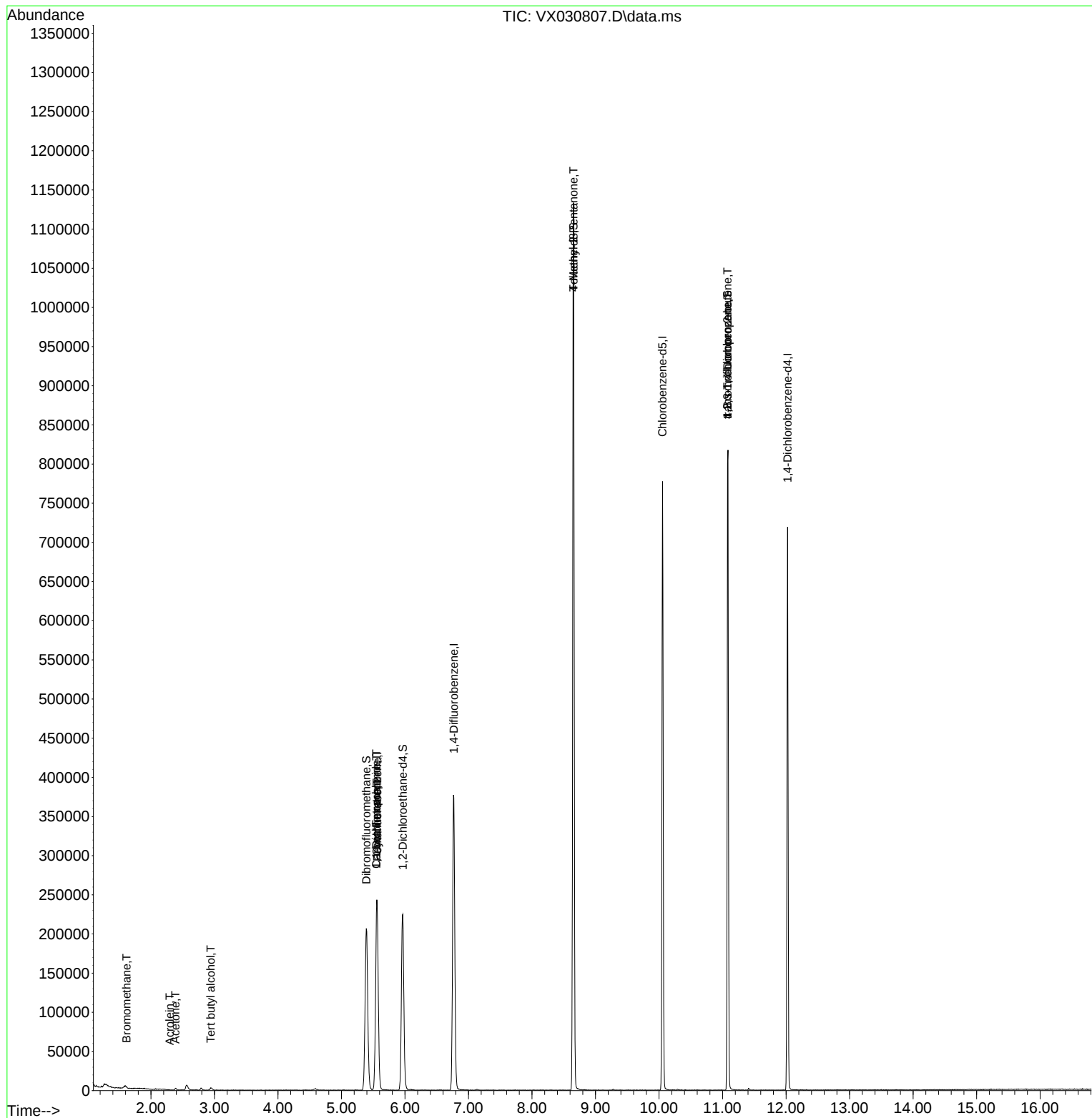
Internal Standards						
1) Pentafluorobenzene	5.562	168	236643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	398993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	216006	77.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 155.200%#	
35) Dibromofluoromethane	5.391	113	187385	76.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 152.840%#	
50) Toluene-d8	8.653	98	693296	81.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 162.280%#	
62) 4-Bromofluorobenzene	11.079	95	230338	72.404	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 144.800%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	571	Below Cal		91
4) Vinyl Chloride	1.593	62	31	Below Cal	#	51
5) Bromomethane	1.618	94	275	0.249	ug/l #	52
6) Chloroethane	1.691	64	135	Below Cal	#	41
11) Tert butyl alcohol	2.940	59	2069	3.424	ug/l #	74
13) Acrolein	2.294	56	30	10.106	ug/l #	14
16) Acetone	2.386	43	2626	2.042	ug/l #	82
17) Carbon Disulfide	2.514	76	87	Below Cal	#	74
20) Methylene Chloride	2.788	84	1371	Below Cal	#	93
31) Cyclohexane	5.556	56	4570	1.284	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17141	5.133	ug/l #	49
38) Carbon Tetrachloride	5.550	117	23794	6.755	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	2586	0.644	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	111083	34.339	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	111083	110.793	ug/l #	13

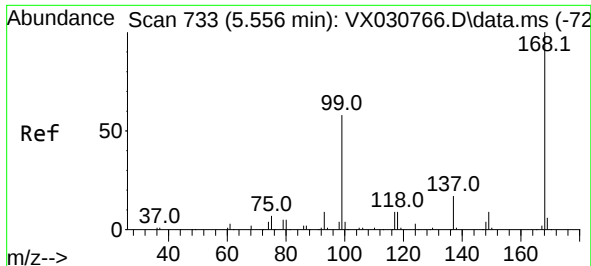
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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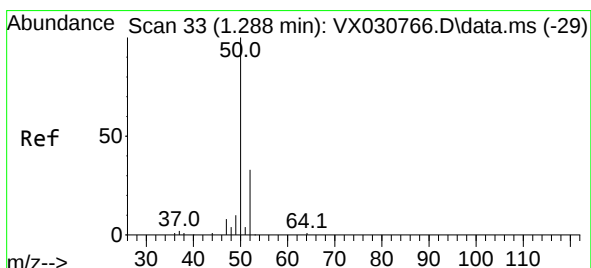
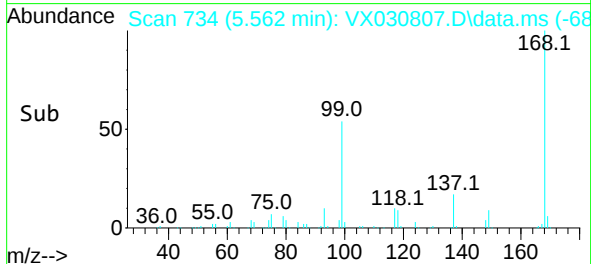
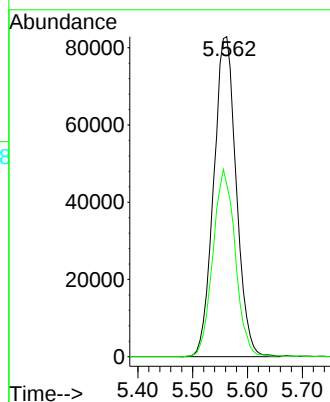
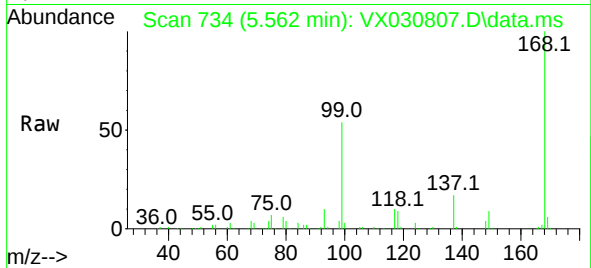




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

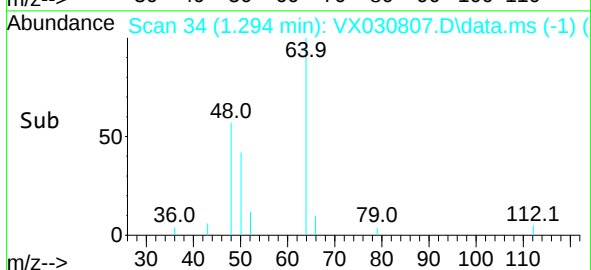
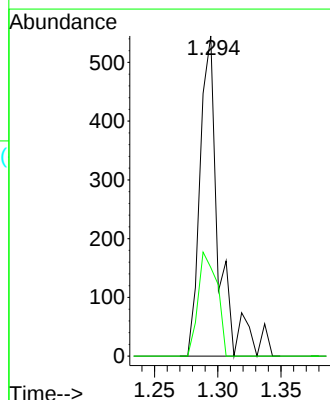
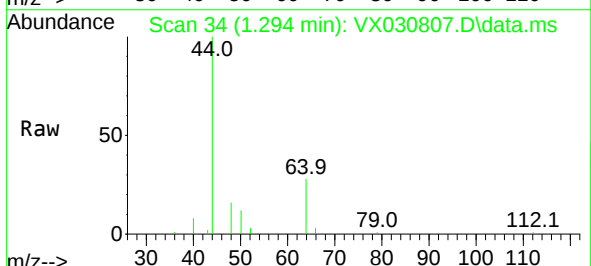
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

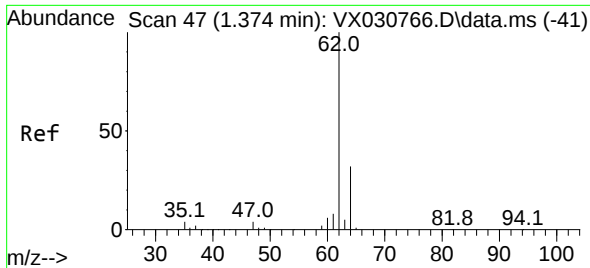
Tgt Ion:168 Resp: 236643
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Tgt Ion: 50 Resp: 571
Ion Ratio Lower Upper
50 100
52 27.7 26.3 39.5

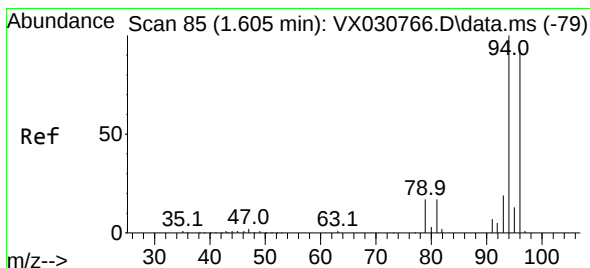
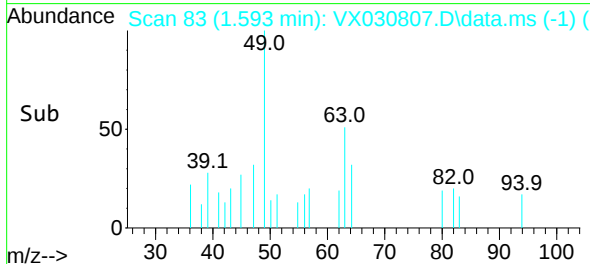
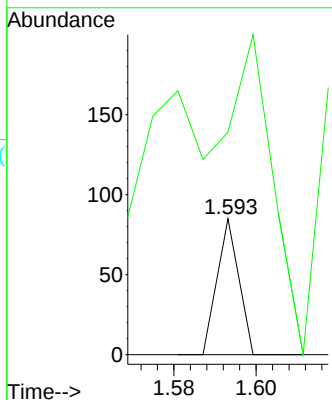
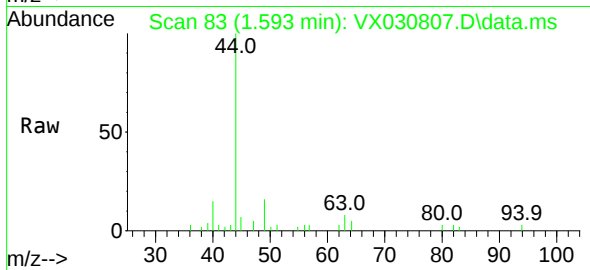




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.593 min Scan# 81
 Delta R.T. 0.219 min
 Lab File: VX030807.D
 Acq: 26 Aug 2022 06:08

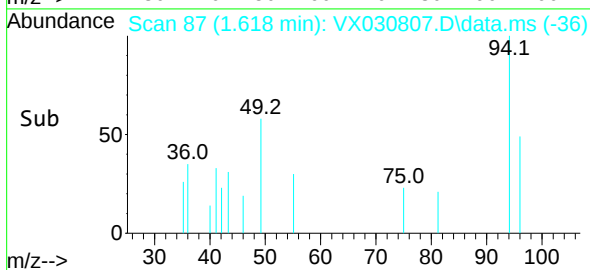
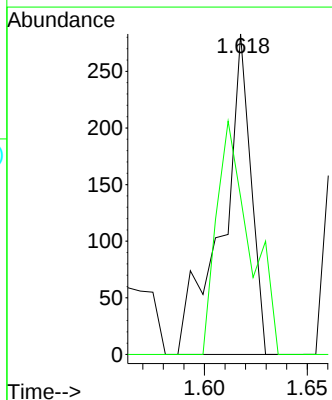
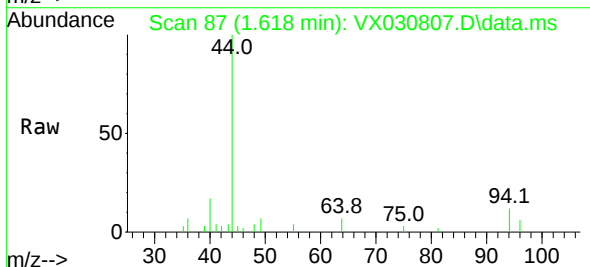
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20220818

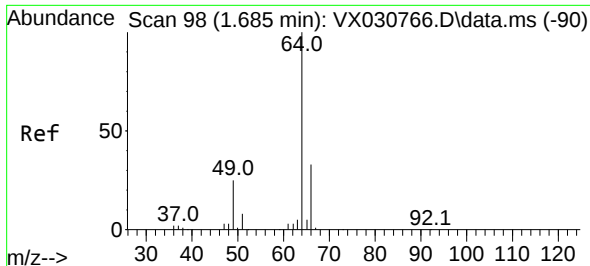
Tgt Ion: 62 Resp: 31
 Ion Ratio Lower Upper
 62 100
 64 58.8 25.2 37.8#



#5
 Bromomethane
 Concen: 0.249 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: VX030807.D
 Acq: 26 Aug 2022 06:08

Tgt Ion: 94 Resp: 275
 Ion Ratio Lower Upper
 94 100
 96 49.1 76.9 115.3#

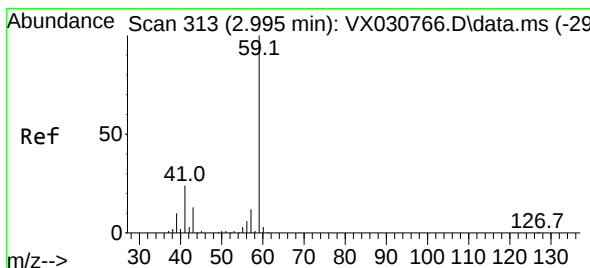
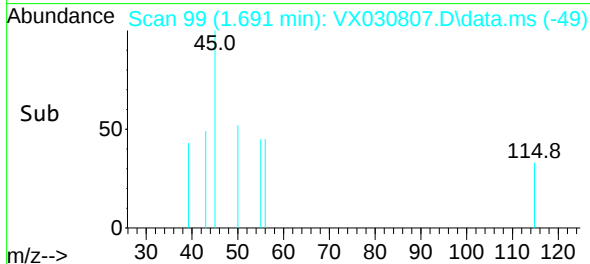
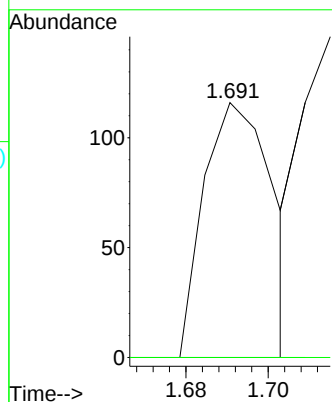
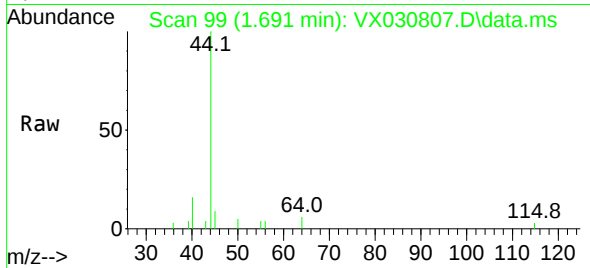




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

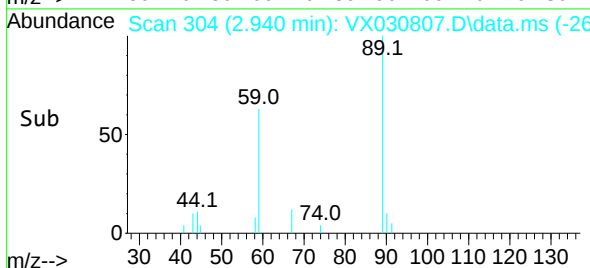
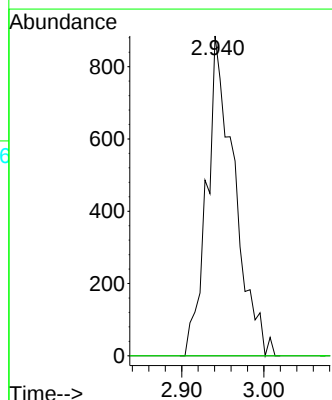
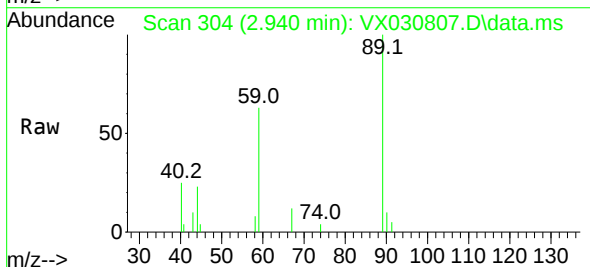
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

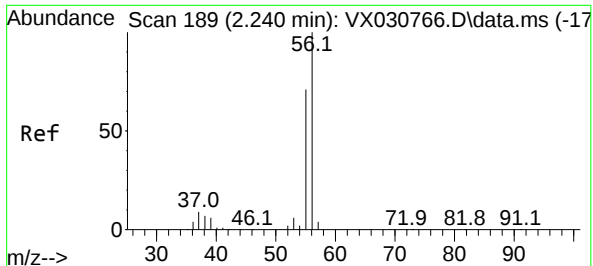
Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: 3.424 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Tgt Ion: 59 Resp: 2069
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

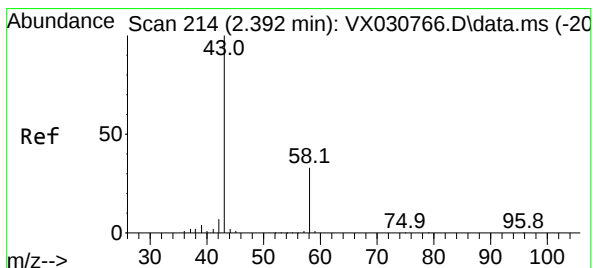
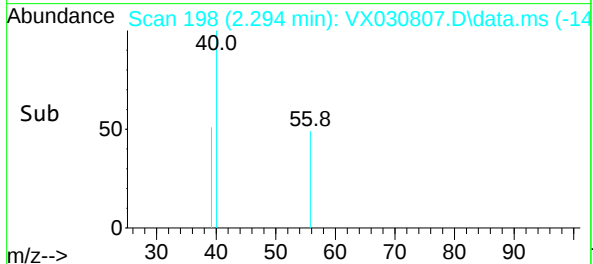
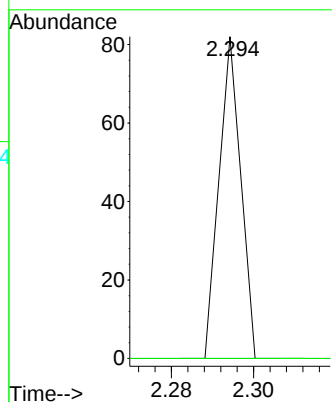
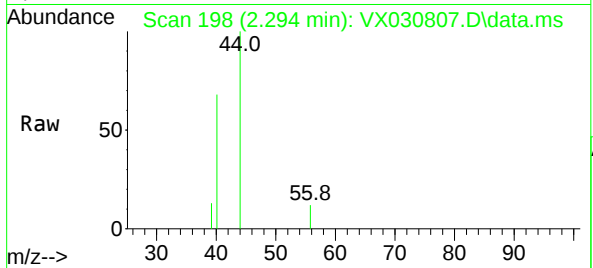




#13
Acrolein
Concen: 10.106 ug/l
RT: 2.294 min Scan# 198
Delta R.T. 0.054 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

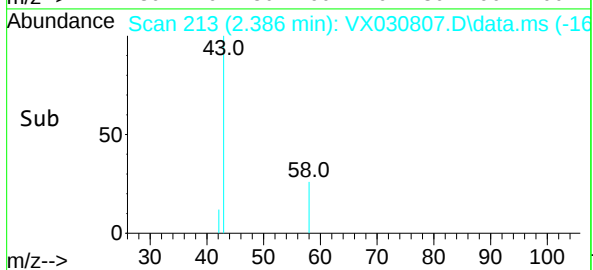
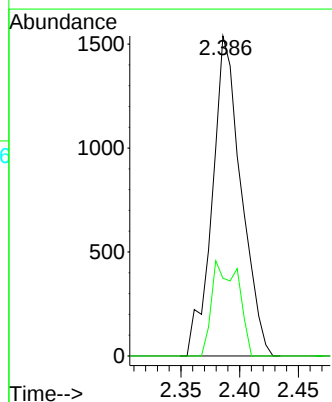
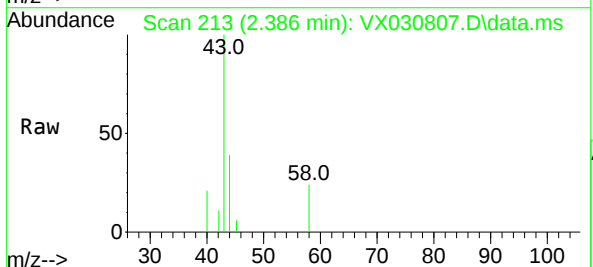
Instrument :
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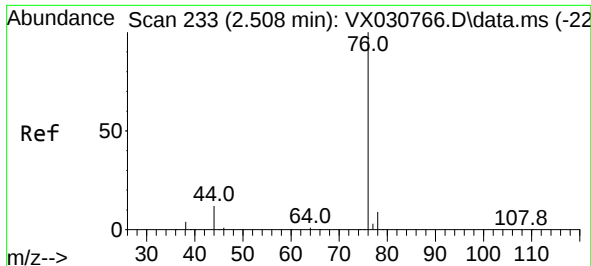
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 2.042 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
58 24.3 27.7 41.5#

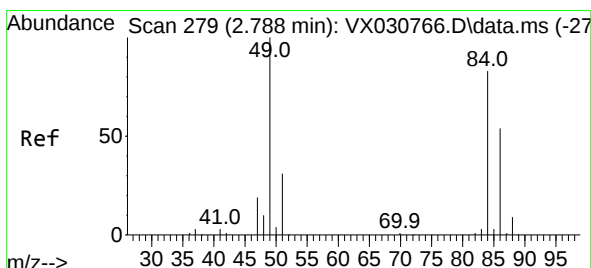
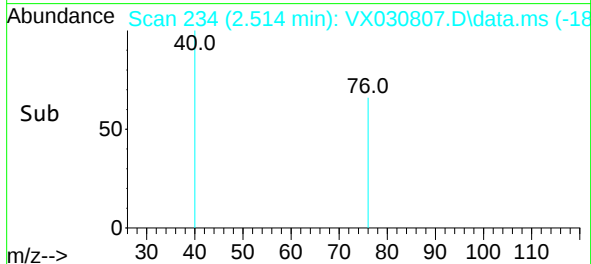
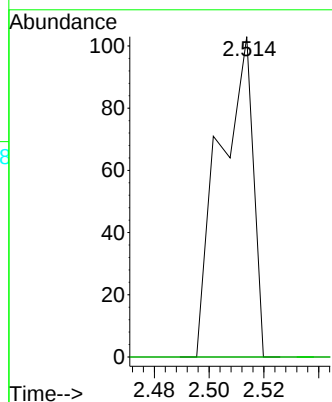
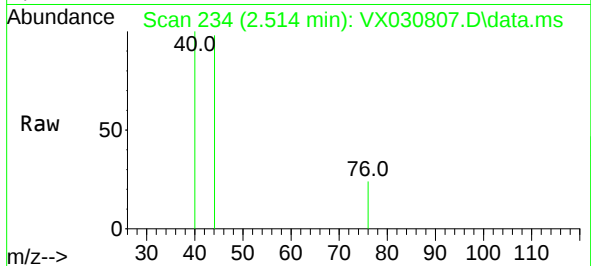




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

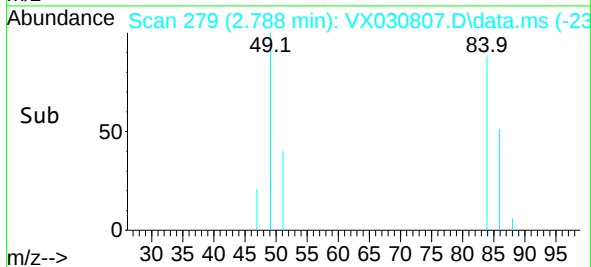
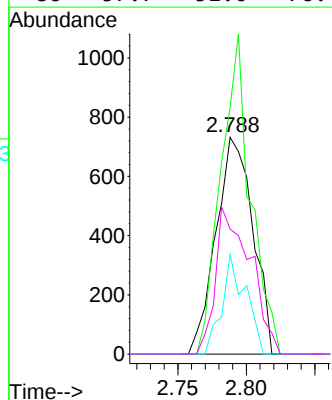
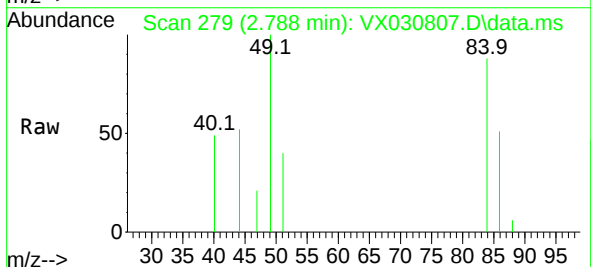
Instrument :
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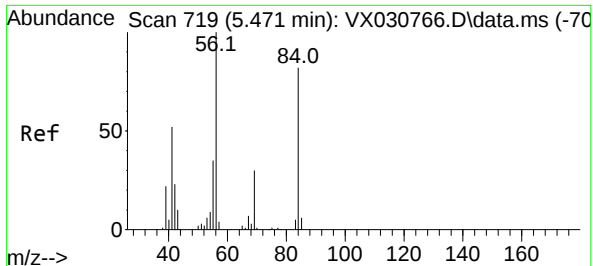
Tgt Ion: 76 Resp: 87
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

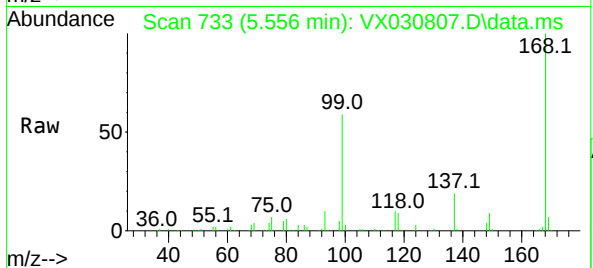
Tgt Ion: 84 Resp: 1371
Ion Ratio Lower Upper
84 100
49 113.8 93.8 140.6
51 45.9 29.4 44.0#
86 57.7 51.0 76.4



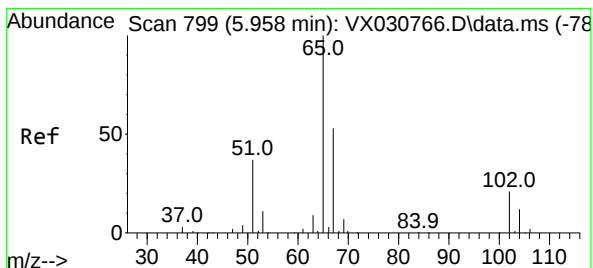
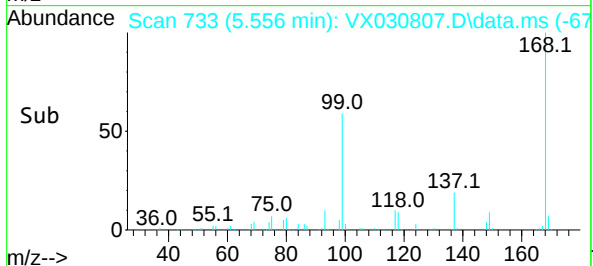
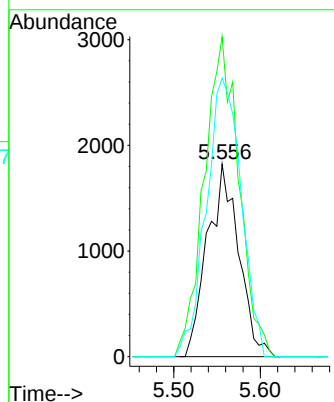


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Instrument :
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ClientSampleId :
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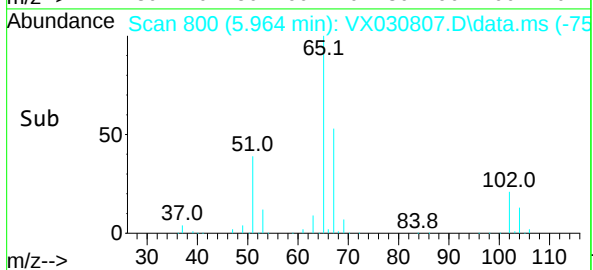
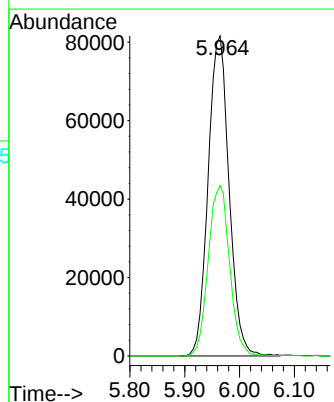
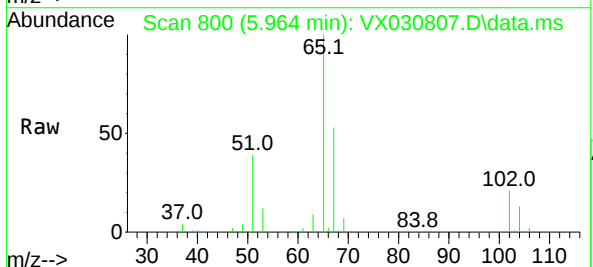


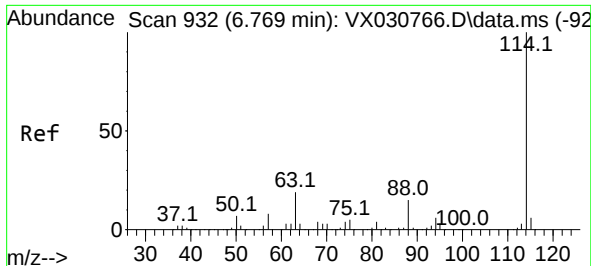
Tgt Ion: 56 Resp: 4570
Ion Ratio Lower Upper
56 100
69 166.2 25.4 38.0#
84 144.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 77.601 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Tgt Ion: 65 Resp: 216006
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

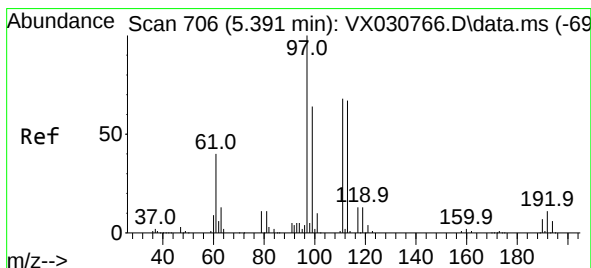
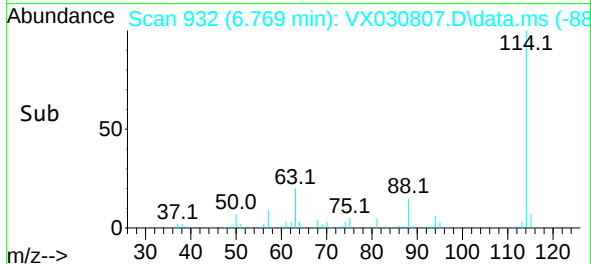
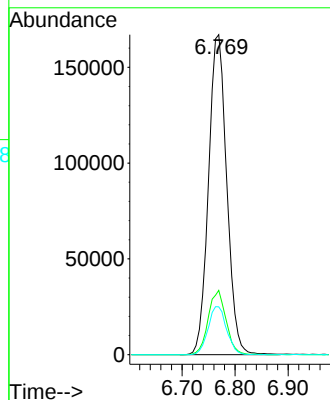
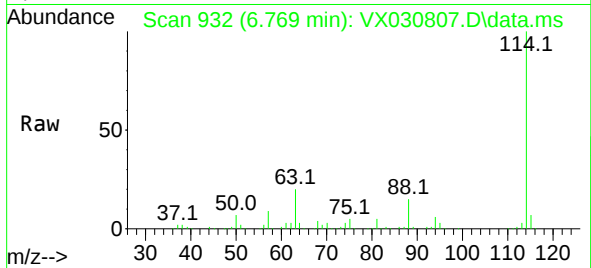




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

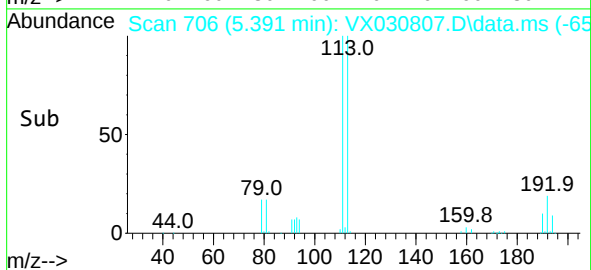
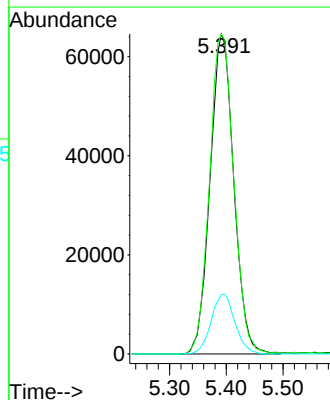
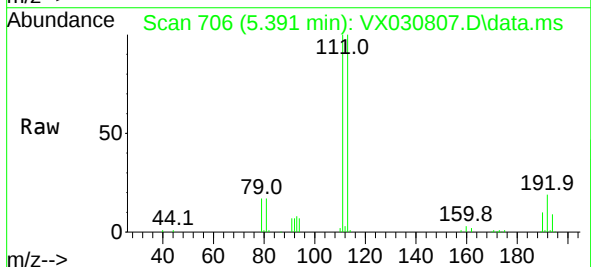
Instrument :
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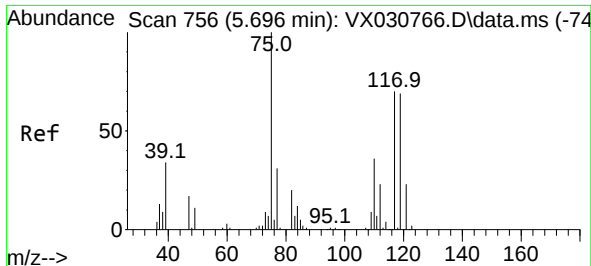
Tgt Ion:114 Resp: 398993
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 76.417 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Tgt Ion:113 Resp: 187385
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 18.7 14.8 22.2

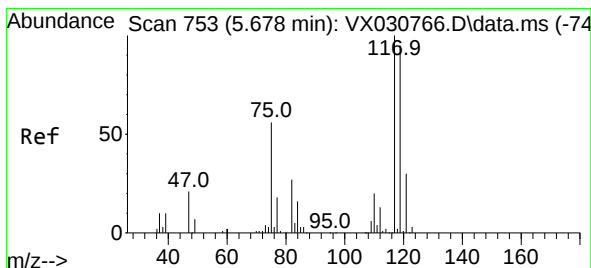
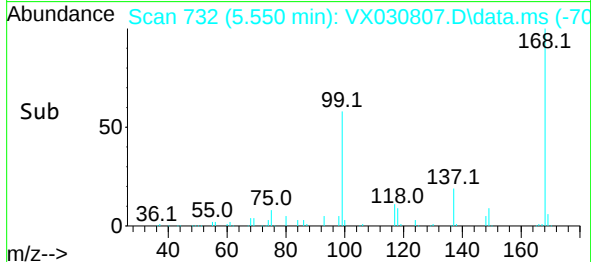
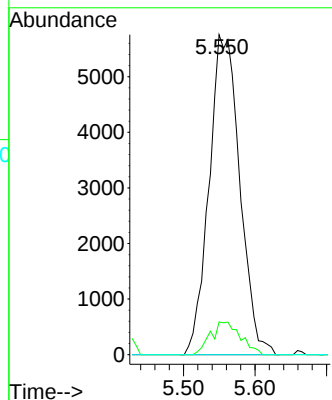
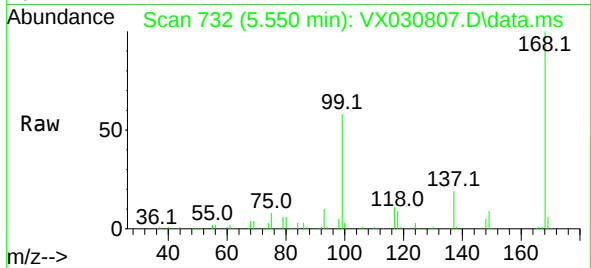




#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

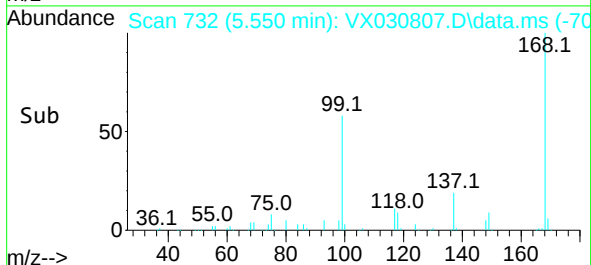
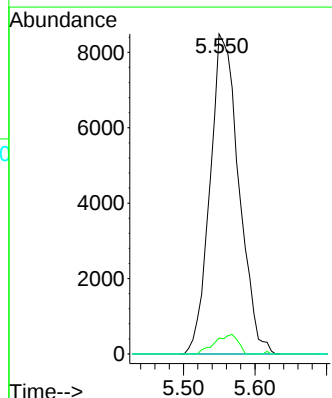
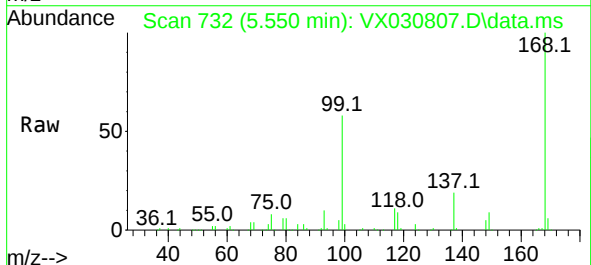
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

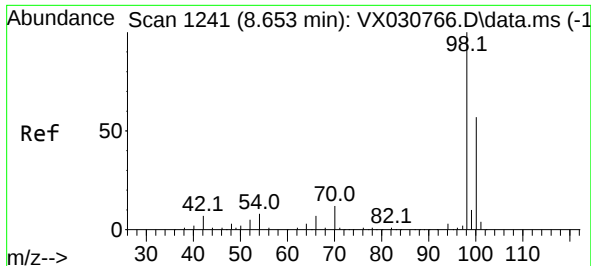
Tgt Ion: 75 Resp: 17141
Ion Ratio Lower Upper
75 100
110 10.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.755 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Tgt Ion: 117 Resp: 23794
Ion Ratio Lower Upper
117 100
119 4.9 74.1 111.1#
121 0.0 25.8 38.8#

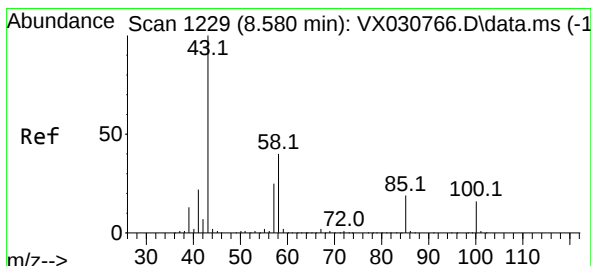
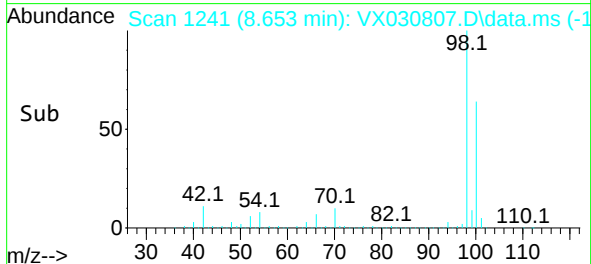
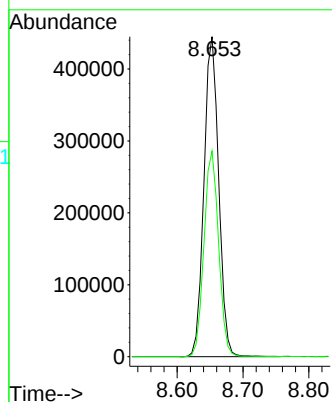
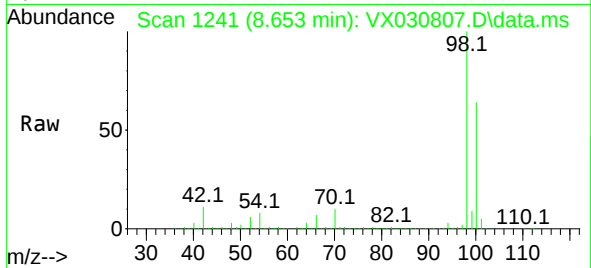




#50
Toluene-d8
Concen: 81.136 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

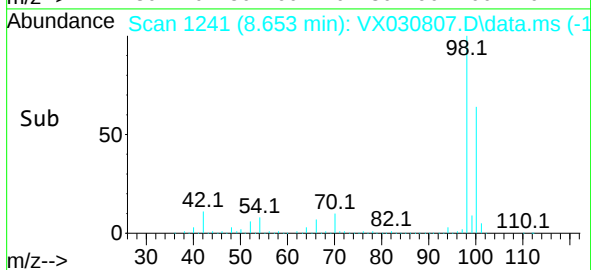
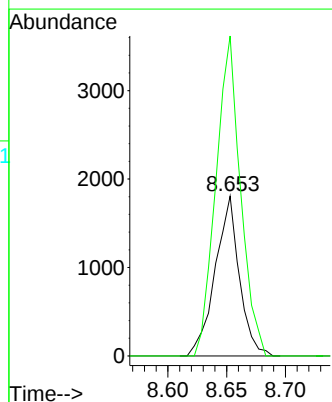
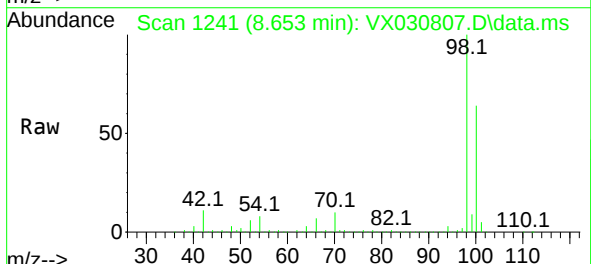
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

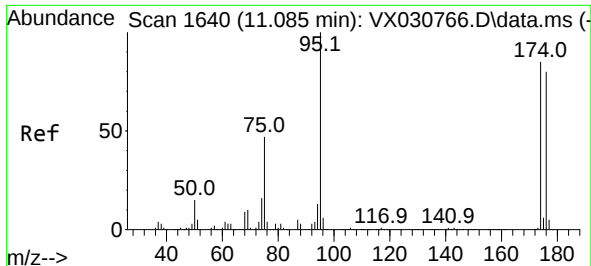
Tgt Ion: 98 Resp: 693296
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.644 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Tgt Ion: 43 Resp: 2586
Ion Ratio Lower Upper
43 100
58 203.8 31.4 47.2

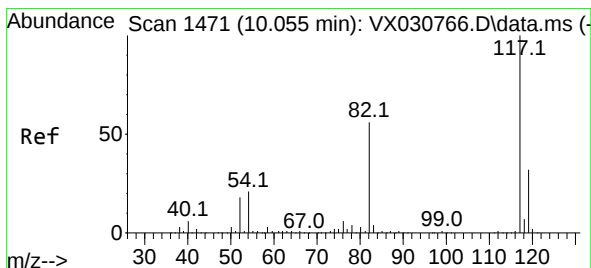
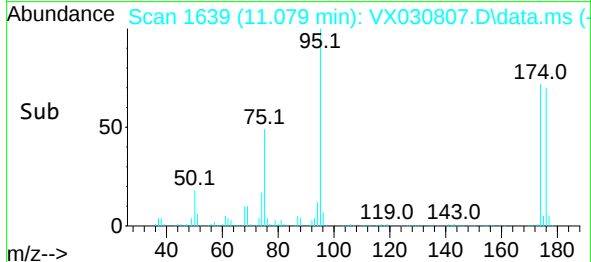
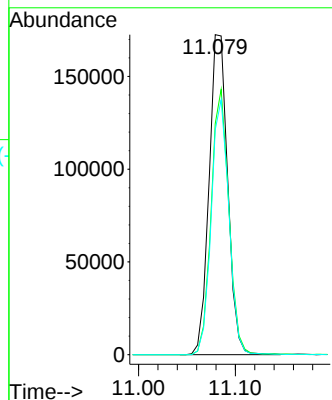
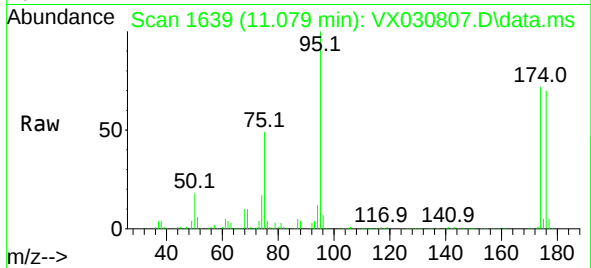




#62
4-Bromofluorobenzene
Concen: 72.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

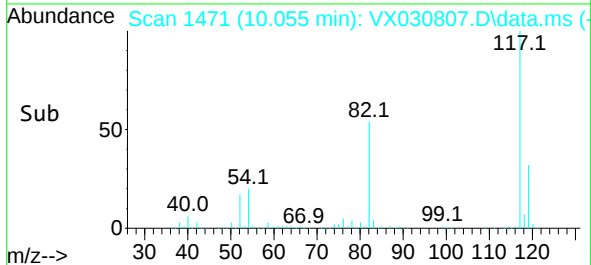
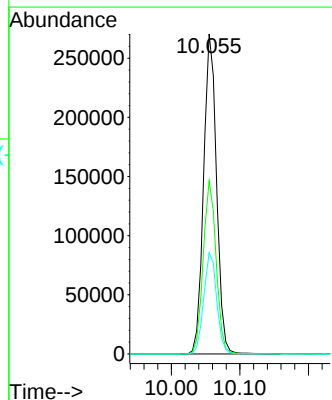
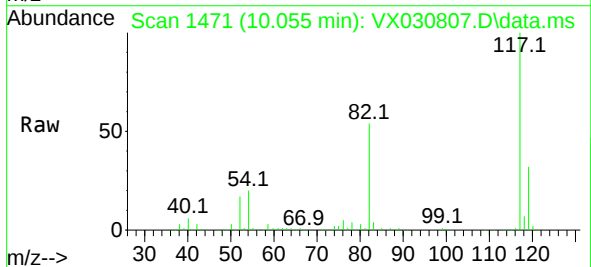
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

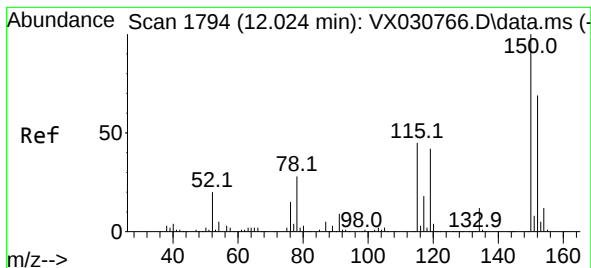
Tgt Ion: 95 Resp: 230338
Ion Ratio Lower Upper
95 100
174 79.1 0.0 149.0
176 76.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Tgt Ion: 117 Resp: 356372
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 31.7 25.4 38.2

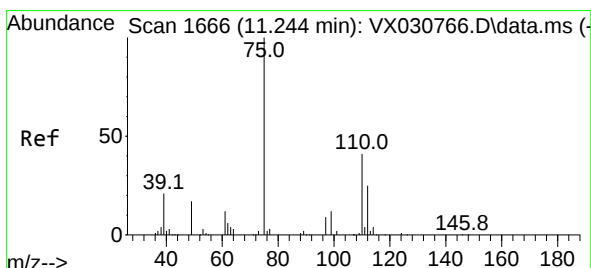
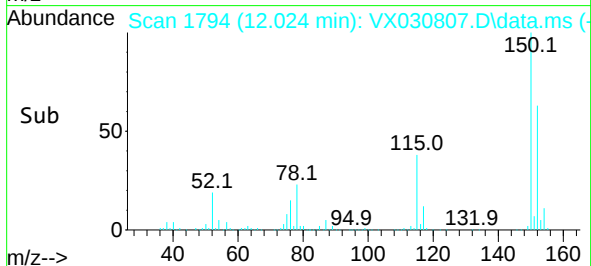
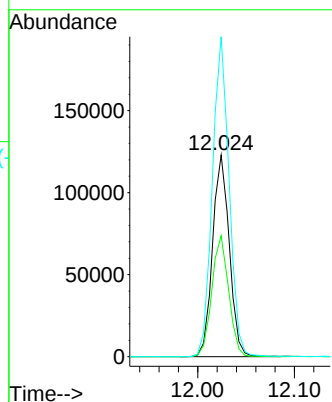
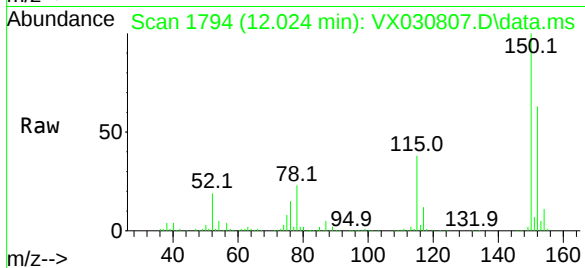




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030807.D
 Acq: 26 Aug 2022 06:08

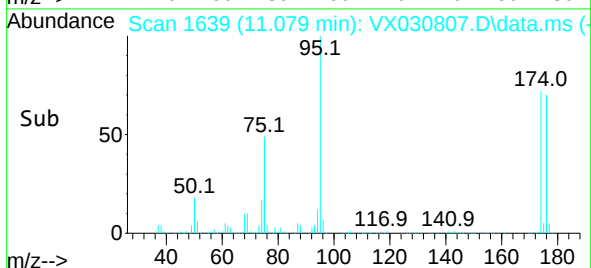
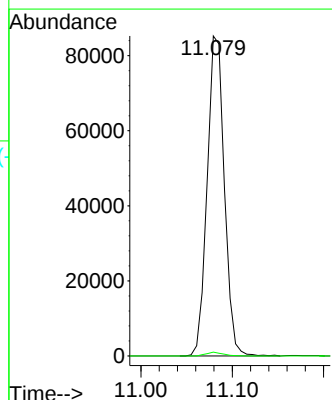
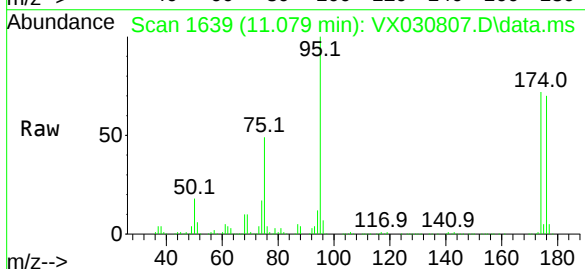
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20220818

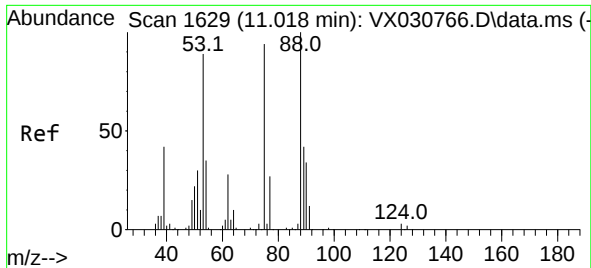
Tgt Ion:152 Resp: 147653
 Ion Ratio Lower Upper
 152 100
 115 60.3 40.5 121.5
 150 158.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 34.339 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030807.D
 Acq: 26 Aug 2022 06:08

Tgt Ion: 75 Resp: 111083
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.793 ug/l
RT: 11.079 min Scan# 11083
Delta R.T. 0.061 min
Lab File: VX030807.D
Acq: 26 Aug 2022 06:08

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

Tgt Ion: 75 Resp: 111083
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

