

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029671.D
 Acq On : 21 Jun 2022 18:53
 Operator : JC/MD
 Sample : N3342-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW149S1-230-232

Quant Time: Jun 22 01:12:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

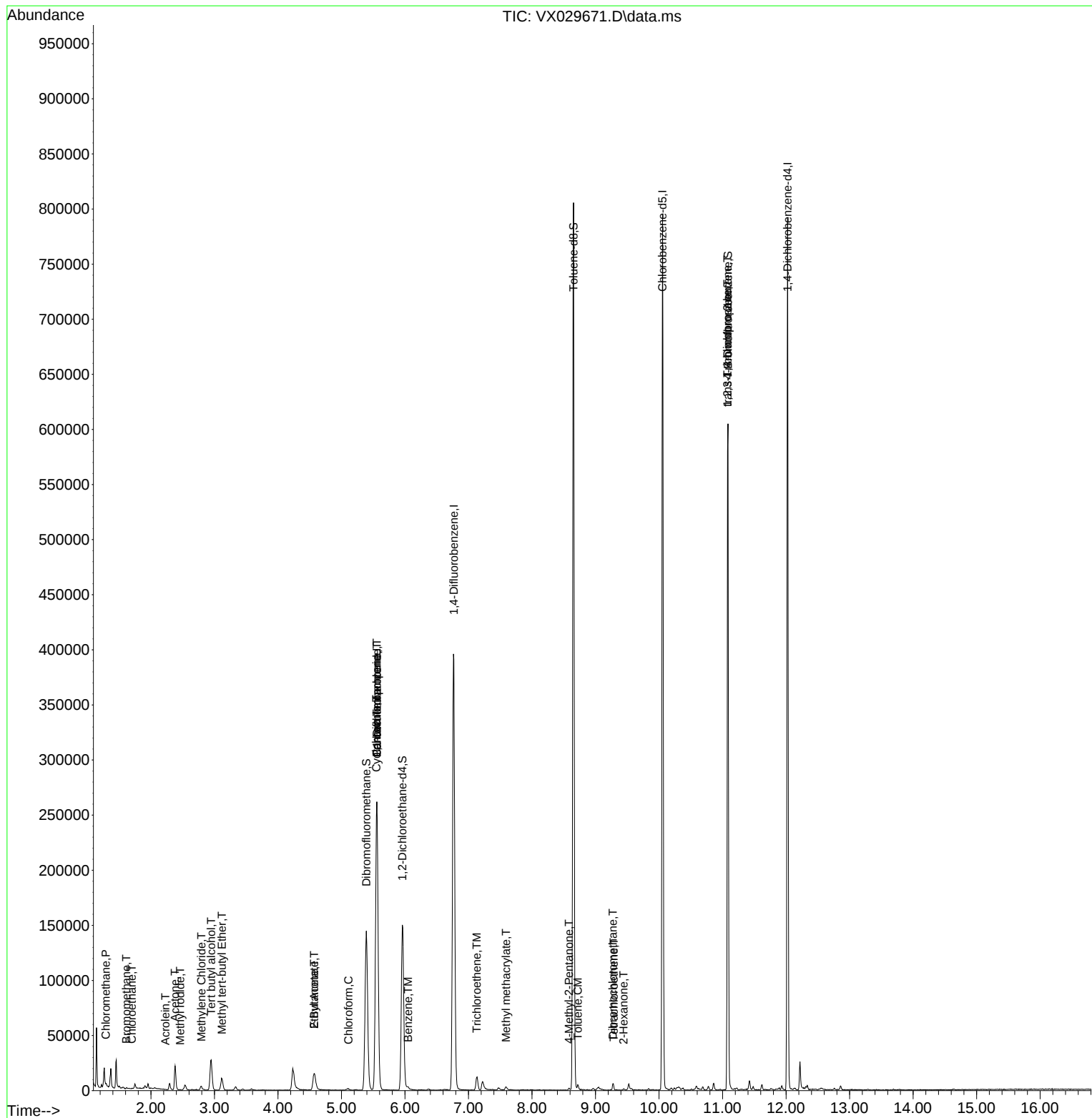
Internal Standards						
1) Pentafluorobenzene	5.556	168	253996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144281	42.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.820%		
35) Dibromofluoromethane	5.391	113	128292	45.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.420%		
50) Toluene-d8	8.653	98	484195	47.227	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.460%		
62) 4-Bromofluorobenzene	11.085	95	177334	45.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.740%		
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	997	0.301	ug/l	98
5) Bromomethane	1.611	94	554	0.356	ug/l #	80
6) Chloroethane	1.697	64	297	1.414	ug/l #	43
10) Methyl Iodide	2.459	142	295	3.109	ug/l #	71
11) Tert butyl alcohol	2.947	59	16122	13.240	ug/l #	75
13) Acrolein	2.227	56	155	0.837	ug/l	88
16) Acetone	2.380	43	22894	17.083	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	11895	1.332	ug/l #	89
20) Methylene Chloride	2.794	84	1457	0.488	ug/l #	91
25) 2-Butanone	4.568	43	13004	6.139	ug/l	96
30) Chloroform	5.111	83	1924	0.368	ug/l #	78
31) Cyclohexane	5.550	56	5009	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19619	5.165	ug/l #	49
37) Ethyl Acetate	4.568	43	13004	3.340	ug/l #	69
38) Carbon Tetrachloride	5.556	117	25774	6.900	ug/l #	15
40) Benzene	6.050	78	3026	0.269	ug/l	99
44) Trichloroethene	7.129	130	5368	0.566	ug/l	90
48) Methyl methacrylate	7.592	41	1048	0.353	ug/l #	29
51) 4-Methyl-2-Pentanone	8.580	43	1031	0.264	ug/l	92
52) Toluene	8.720	92	1500	0.208	ug/l	96
59) 2-Hexanone	9.439	43	894	0.303	ug/l	89
60) Dibromochloromethane	9.275	129	1116	0.394	ug/l #	9
64) Tetrachloroethene	9.287	164	1180	0.436	ug/l #	58
76) 1,2,3-Trichloropropane	11.079	75	85184	23.673	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85184	78.754	ug/l #	15

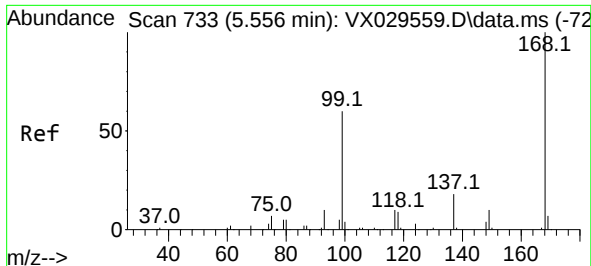
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
Data File : VX029671.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

Quant Time: Jun 22 01:12:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

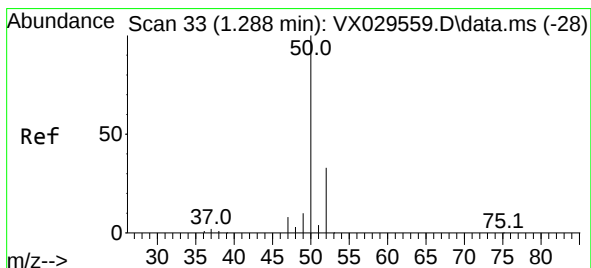
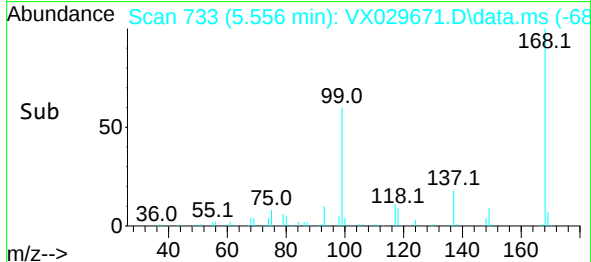
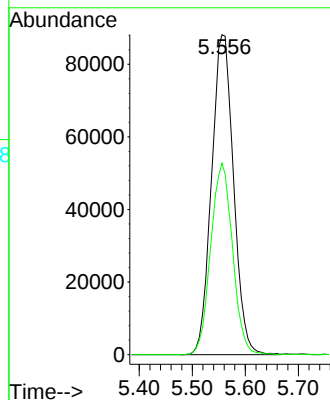
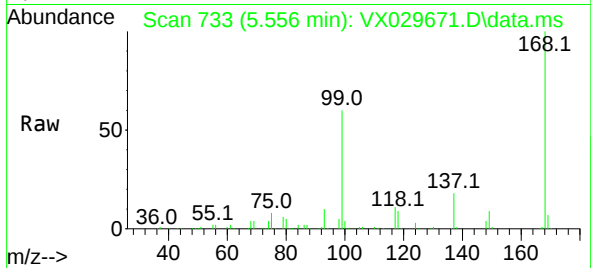




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

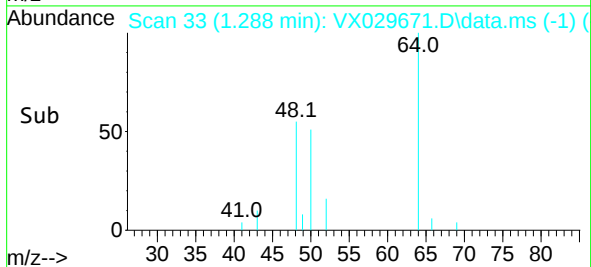
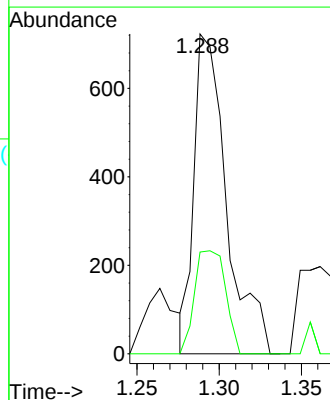
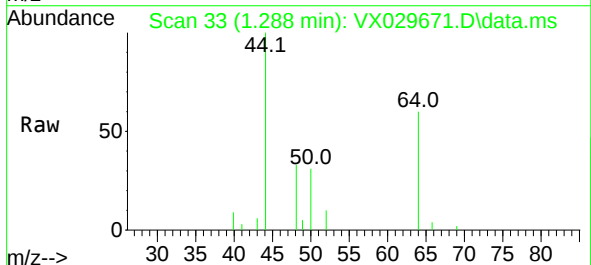
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

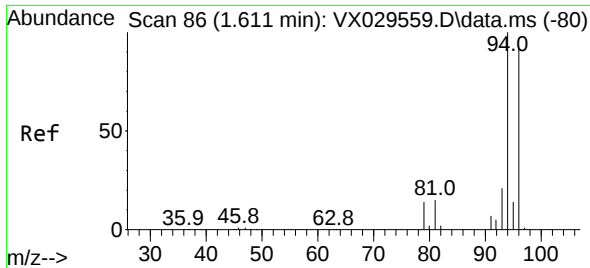
Tgt Ion:168 Resp: 253996
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#3
Chloromethane
Concen: 0.301 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 50 Resp: 997
Ion Ratio Lower Upper
50 100
52 31.8 26.4 39.6

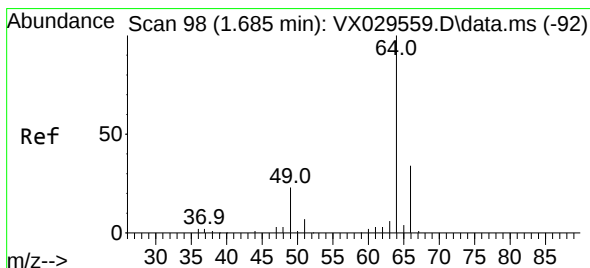
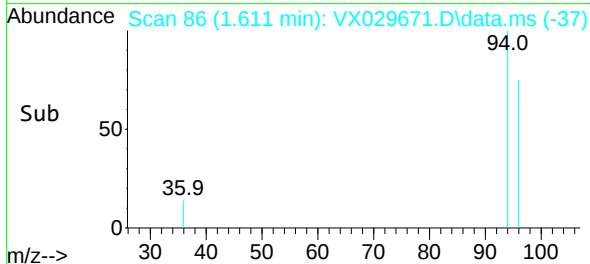
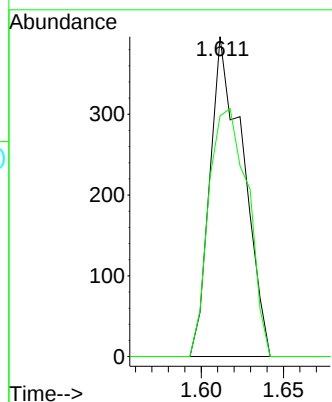
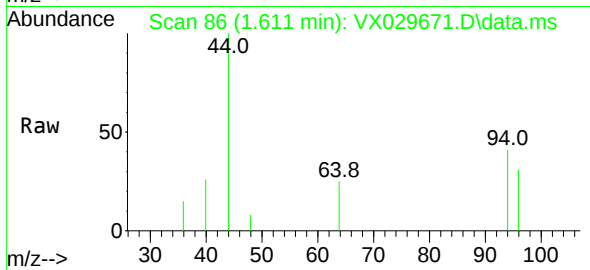




#5
Bromomethane
Concen: 0.356 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

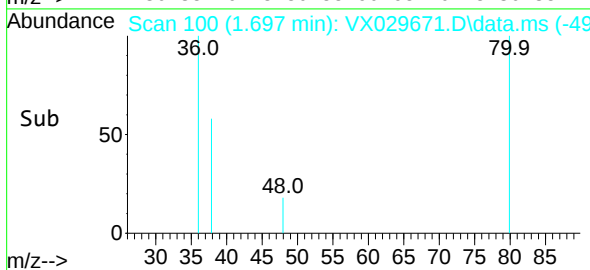
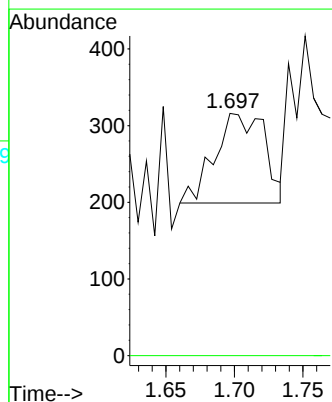
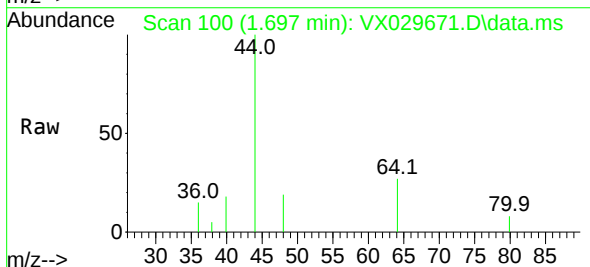
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

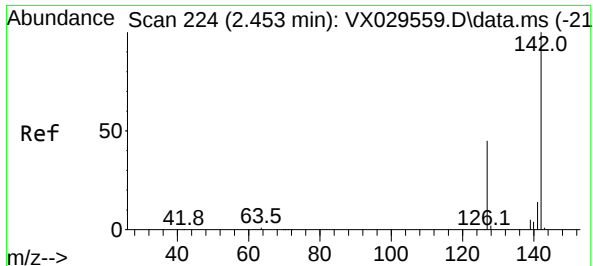
Tgt Ion: 94 Resp: 554
Ion Ratio Lower Upper
94 100
96 75.3 75.3 112.9#



#6
Chloroethane
Concen: 1.414 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

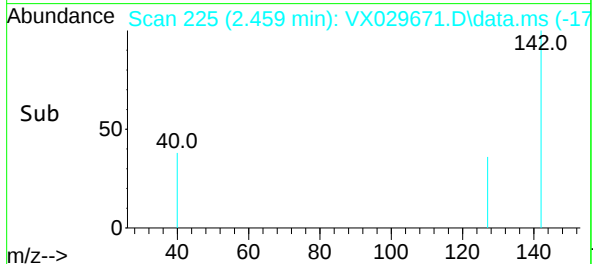
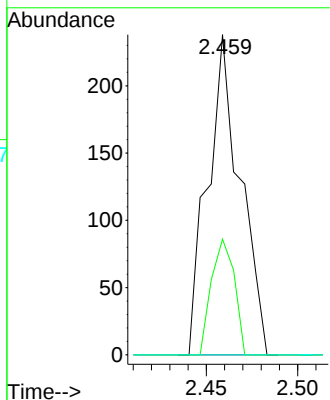
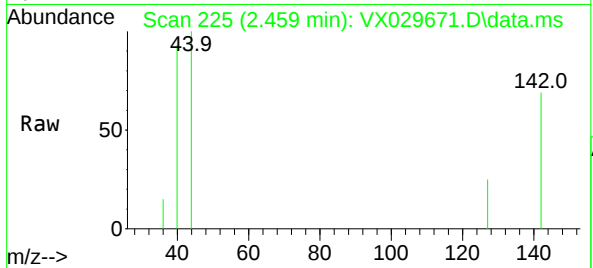




#10
Methyl Iodide
Concen: 3.109 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

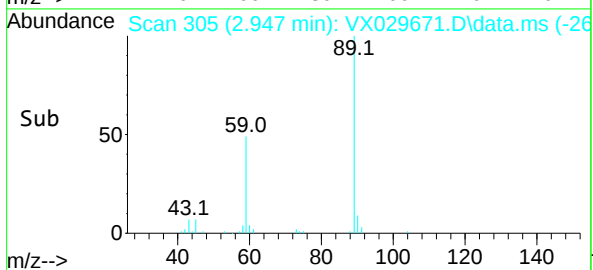
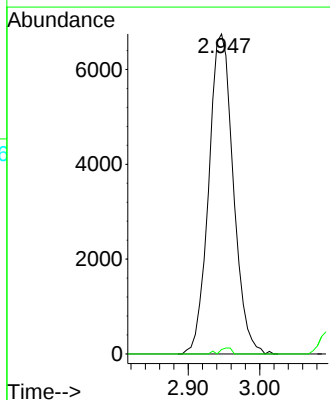
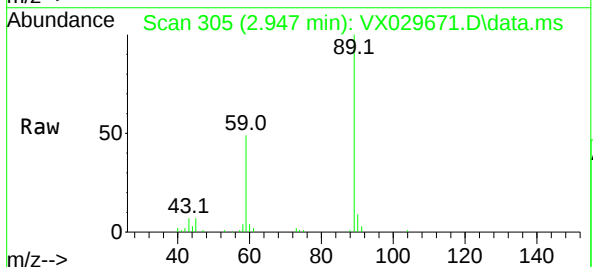
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

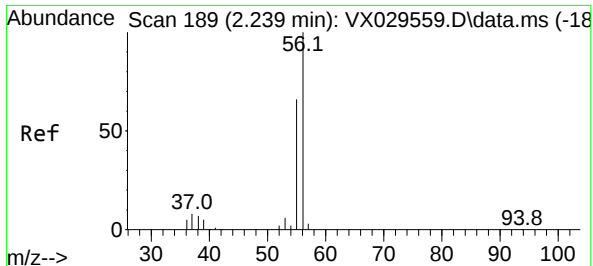
Tgt Ion:142 Resp: 295
Ion Ratio Lower Upper
142 100
127 25.4 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 13.240 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 59 Resp: 16122
Ion Ratio Lower Upper
59 100
57 0.9 8.3 12.5#

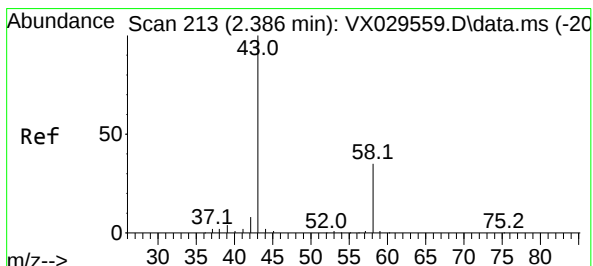
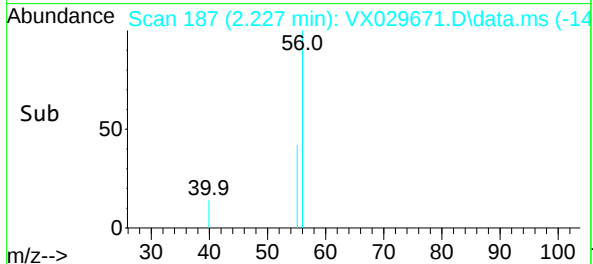
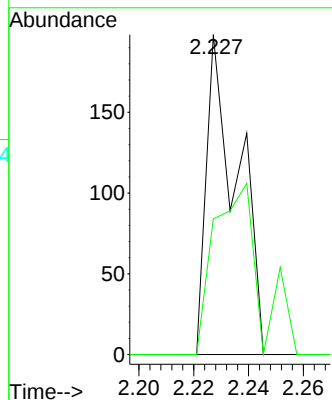
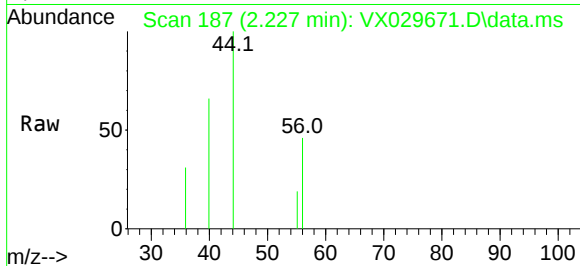




#13
Acrolein
Concen: 0.837 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

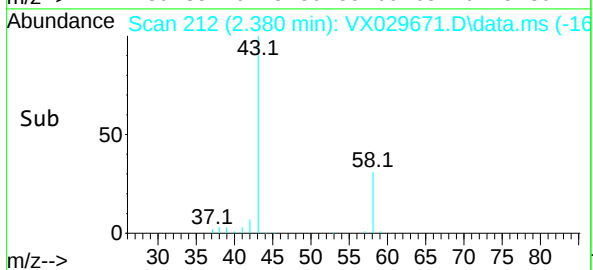
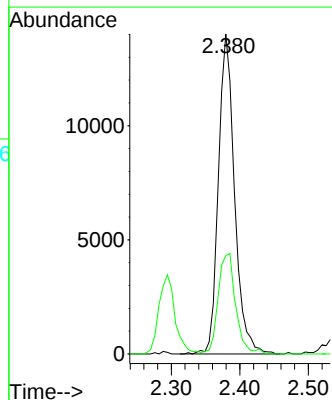
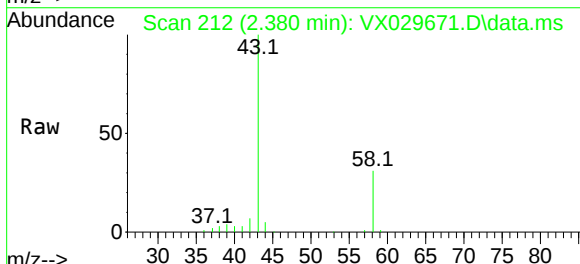
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

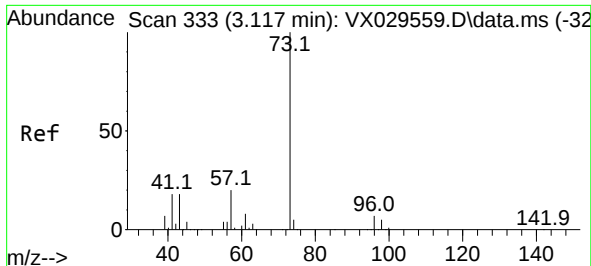
Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 78.7 55.0 82.6



#16
Acetone
Concen: 17.083 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 43 Resp: 22894
Ion Ratio Lower Upper
43 100
58 30.7 28.8 43.2

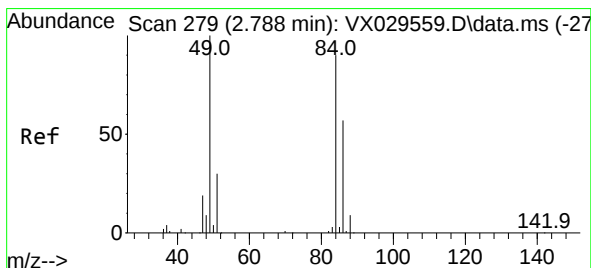
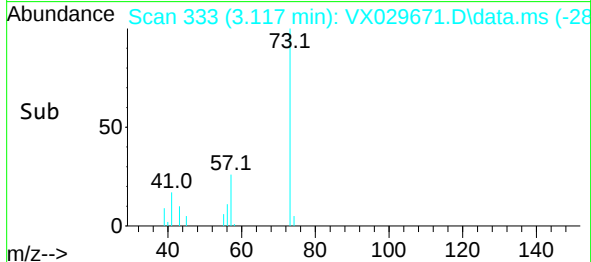
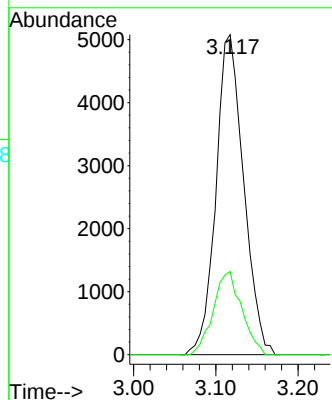
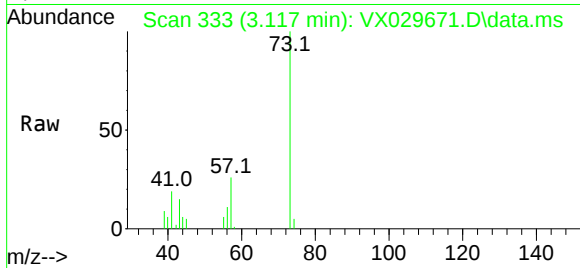




#19
Methyl tert-butyl Ether
Concen: 1.332 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

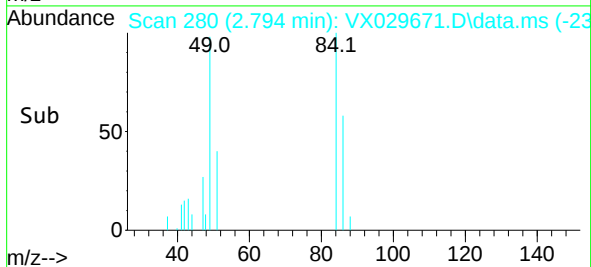
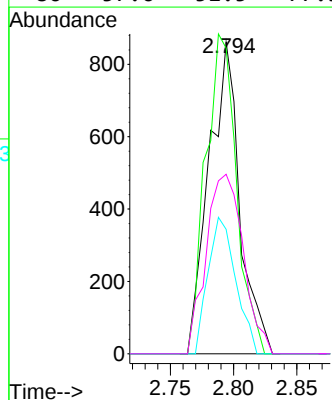
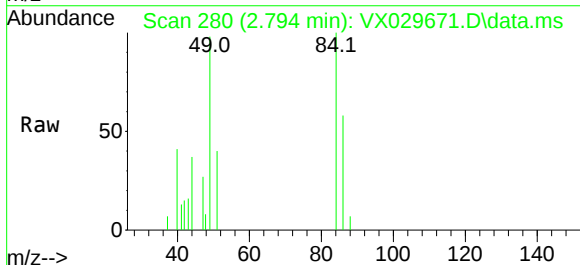
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MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

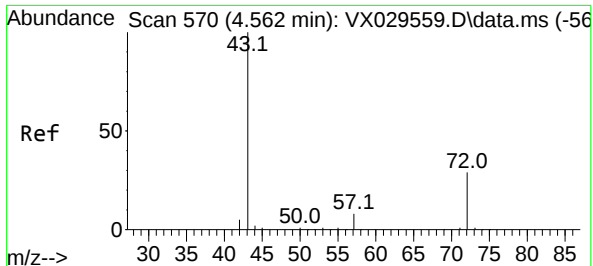
Tgt Ion: 73 Resp: 11895
Ion Ratio Lower Upper
73 100
57 26.0 16.8 25.2#



#20
Methylene Chloride
Concen: 0.488 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 84 Resp: 1457
Ion Ratio Lower Upper
84 100
49 98.1 85.5 128.3
51 40.0 26.6 39.8#
86 57.6 51.5 77.3

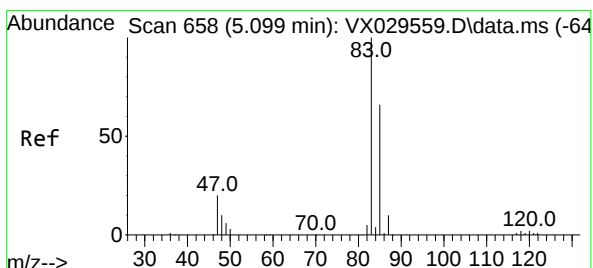
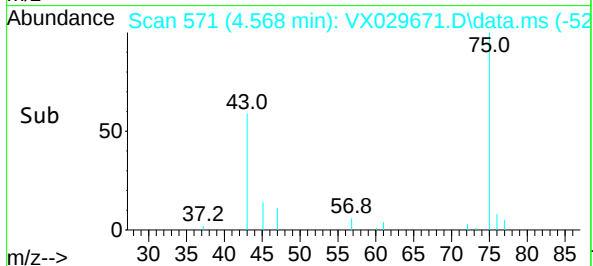
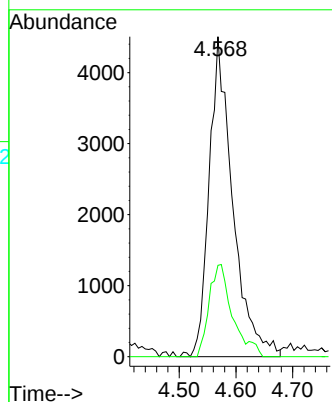
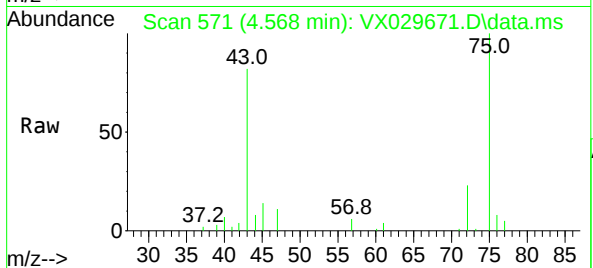




#25
2-Butanone
Concen: 6.139 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

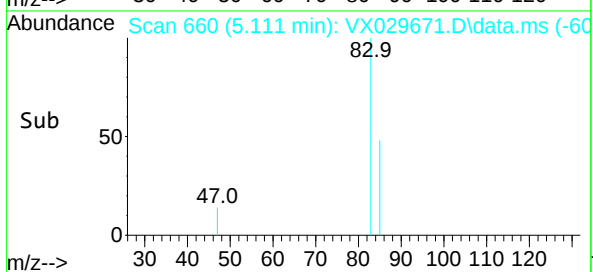
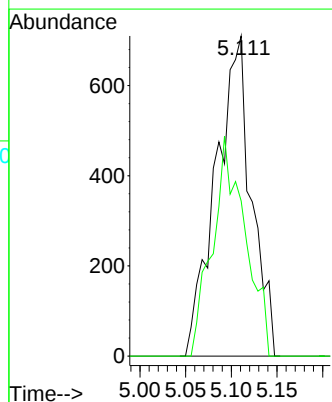
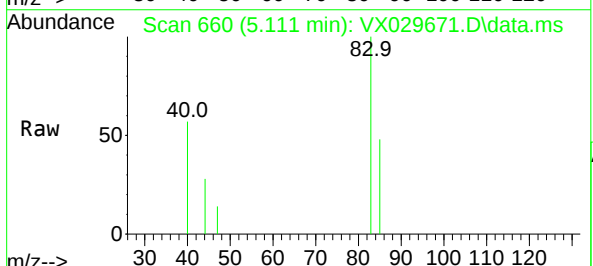
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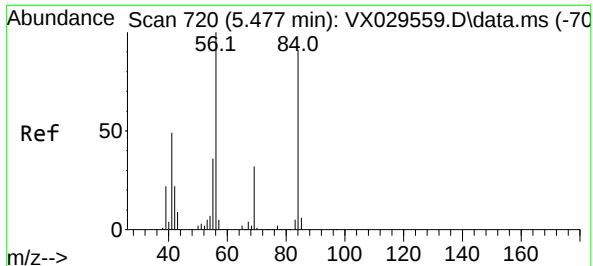
Tgt Ion: 43 Resp: 13004
Ion Ratio Lower Upper
43 100
72 28.6 24.4 36.6



#30
Chloroform
Concen: 0.368 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

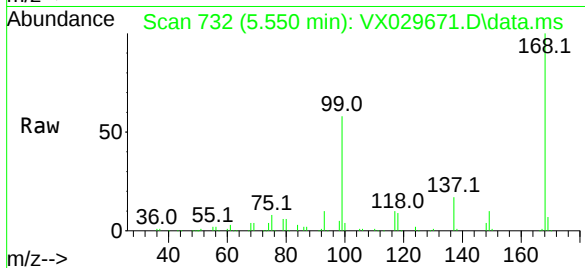
Tgt Ion: 83 Resp: 1924
Ion Ratio Lower Upper
83 100
85 48.5 52.7 79.1#



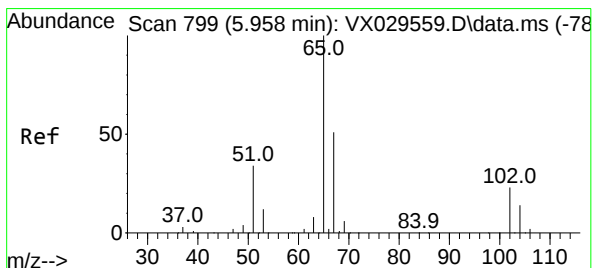
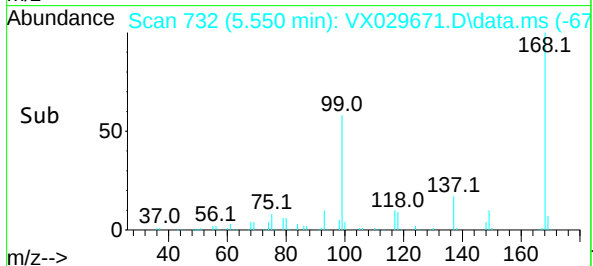
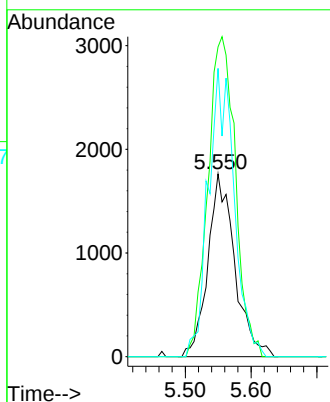


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

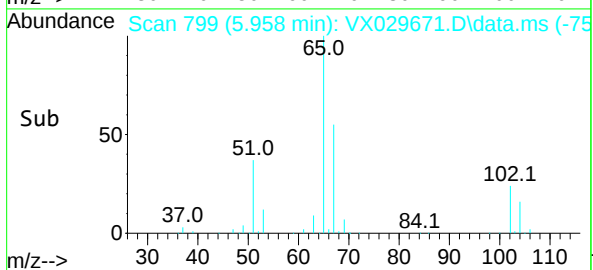
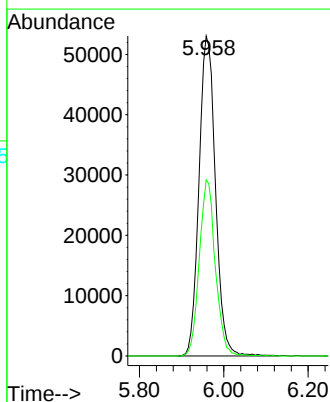
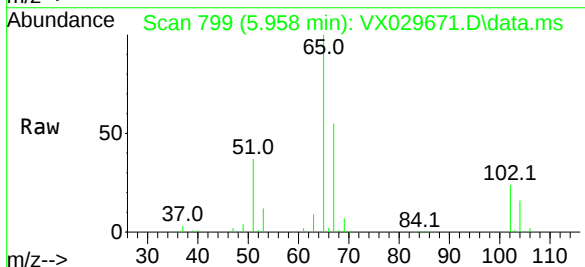


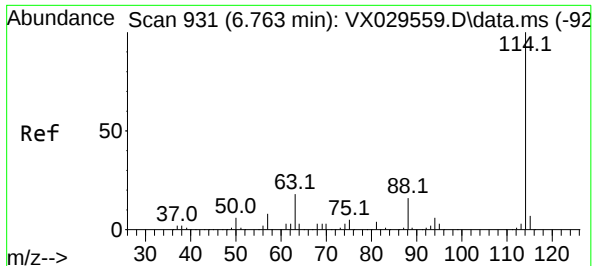
Tgt Ion: 56 Resp: 5009
Ion Ratio Lower Upper
56 100
69 169.6 26.7 40.1#
84 157.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.913 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 65 Resp: 144281
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.4

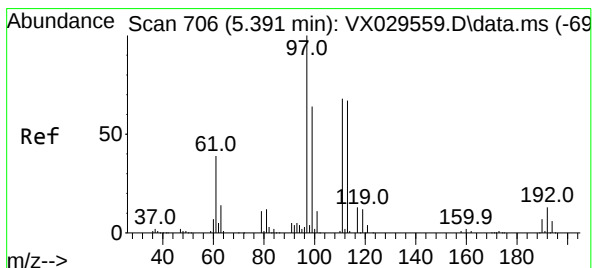
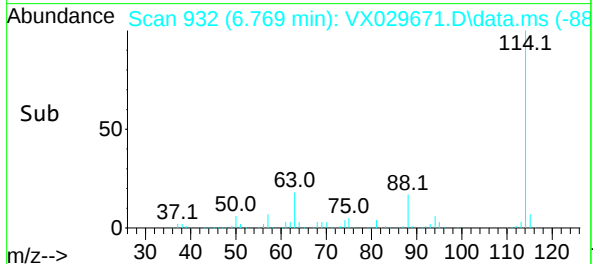
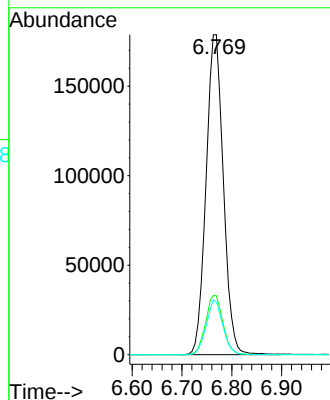
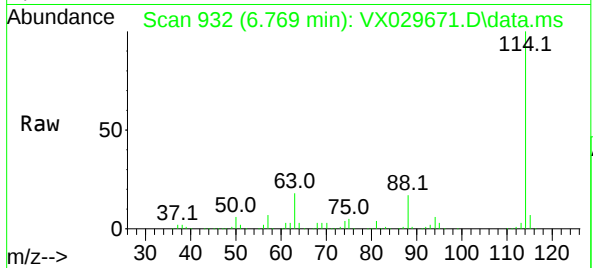




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

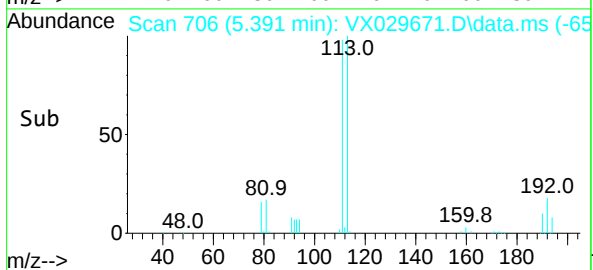
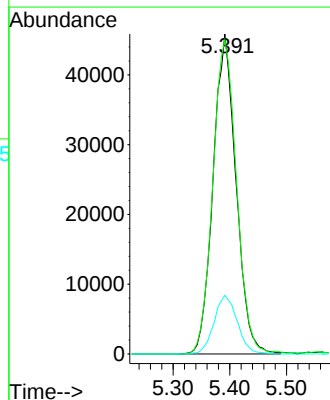
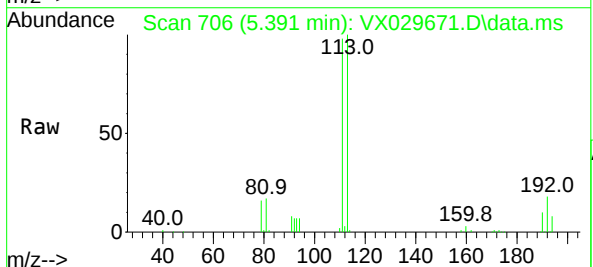
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

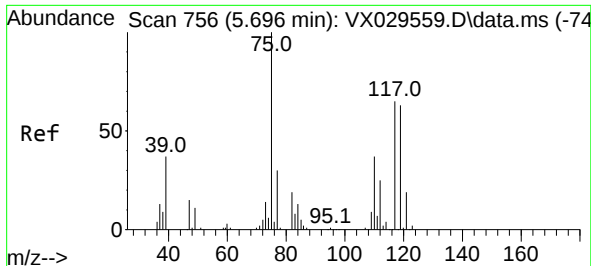
Tgt Ion:114 Resp: 430644
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.713 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion:113 Resp: 128292
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 18.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.165 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX029671.D

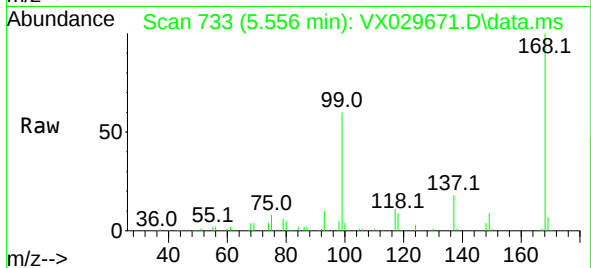
Acq: 21 Jun 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW149S1-230-232



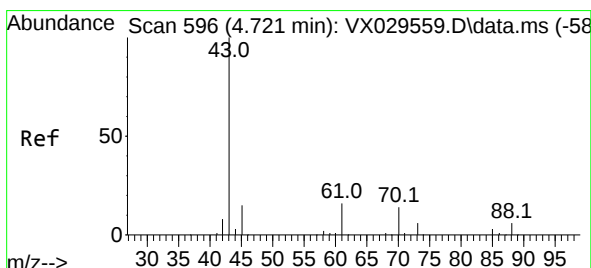
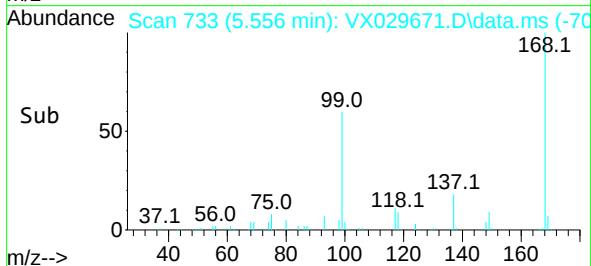
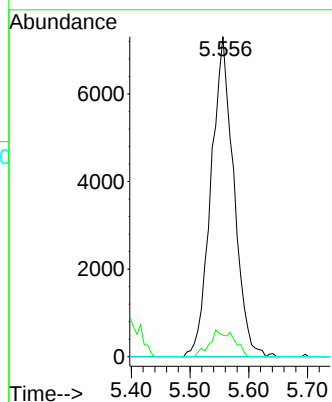
Tgt Ion: 75 Resp: 19619

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 3.340 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.153 min

Lab File: VX029671.D

Acq: 21 Jun 2022 18:53

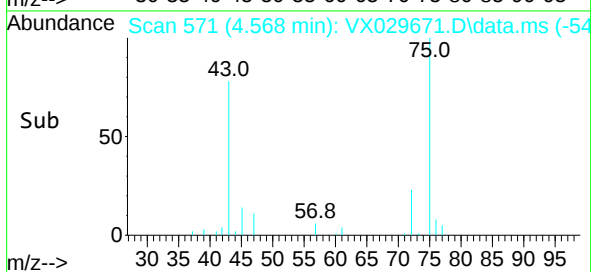
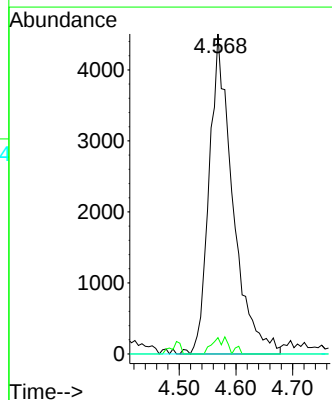
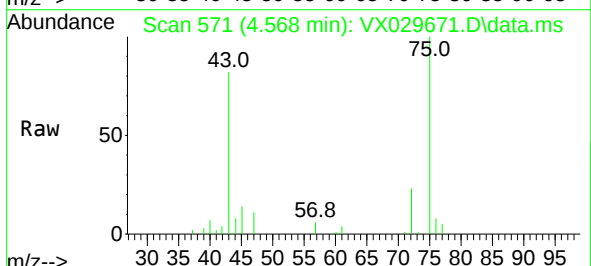
Tgt Ion: 43 Resp: 13004

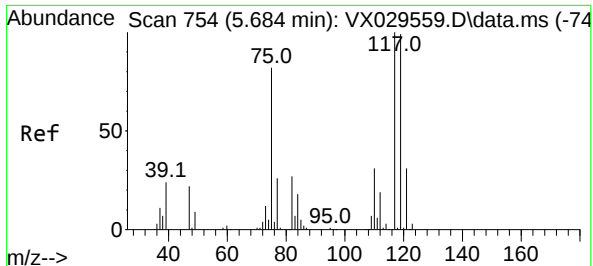
Ion Ratio Lower Upper

43 100

61 3.2 12.6 19.0#

70 0.0 10.2 15.2#

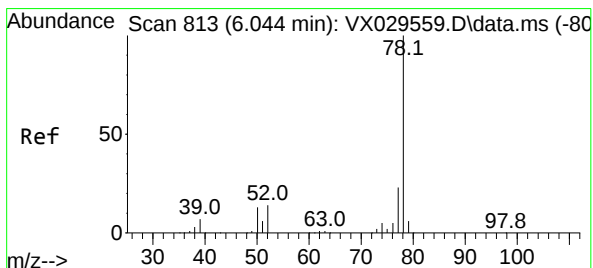
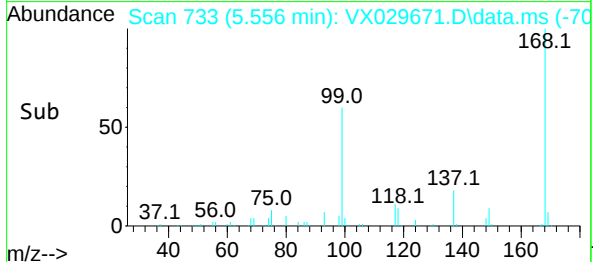
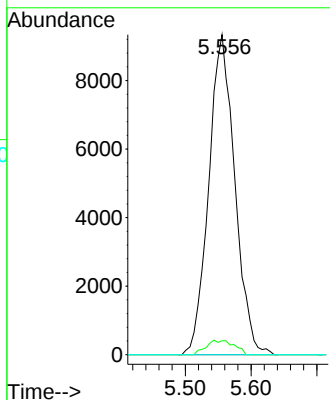
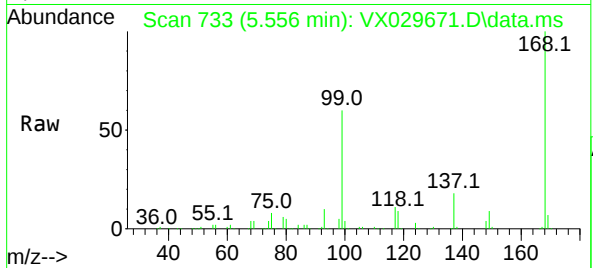




#38
Carbon Tetrachloride
Concen: 6.900 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

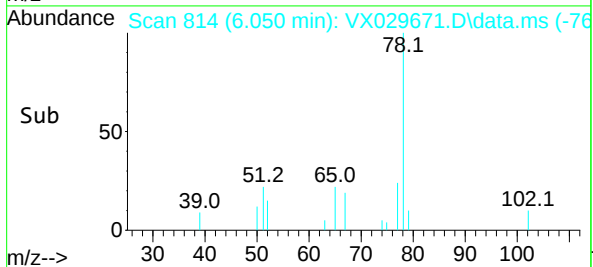
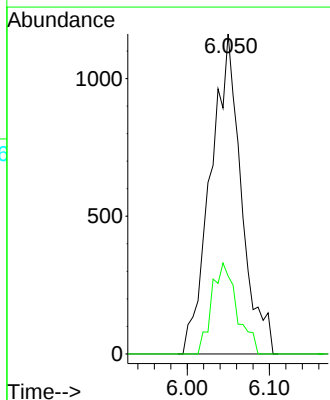
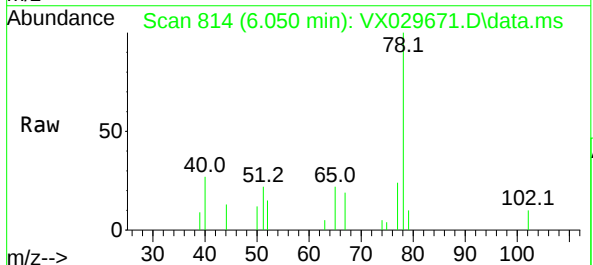
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

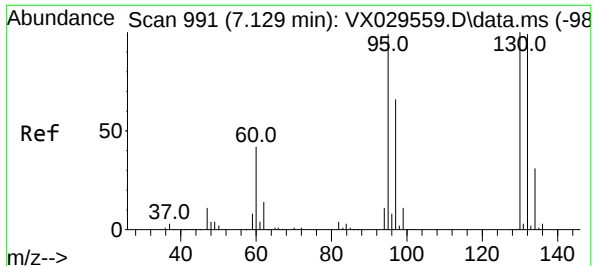
Tgt Ion:117 Resp: 25774
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.269 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 78 Resp: 3026
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

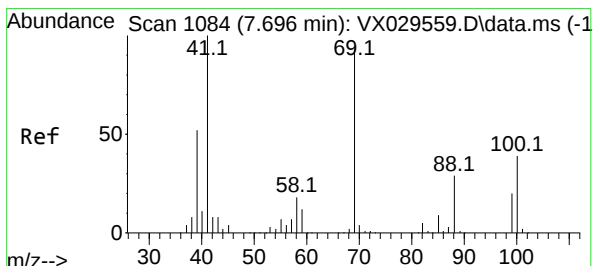
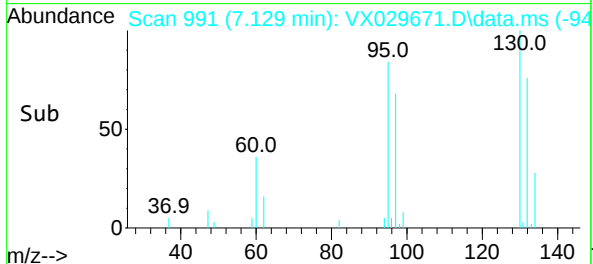
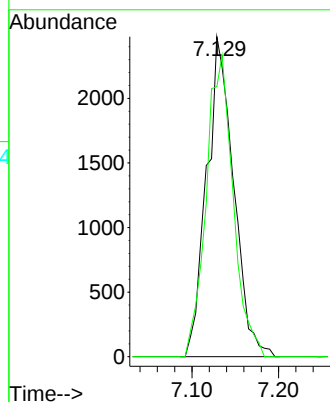
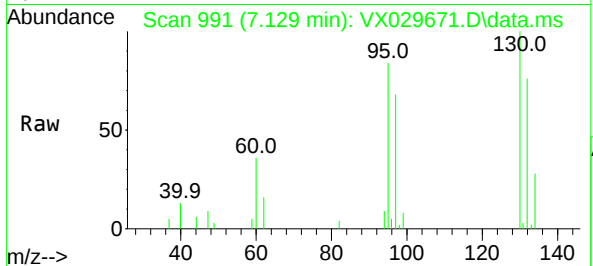




#44
Trichloroethene
Concen: 0.566 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

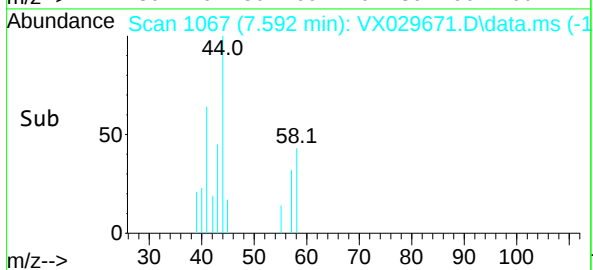
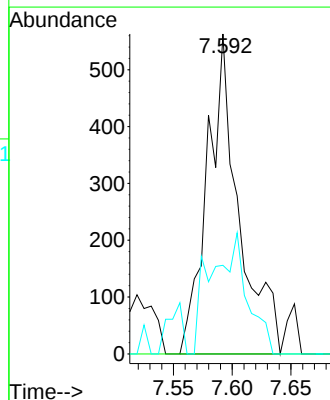
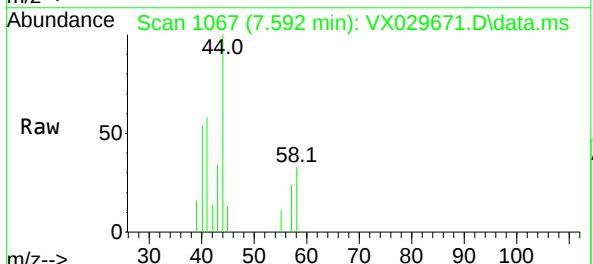
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

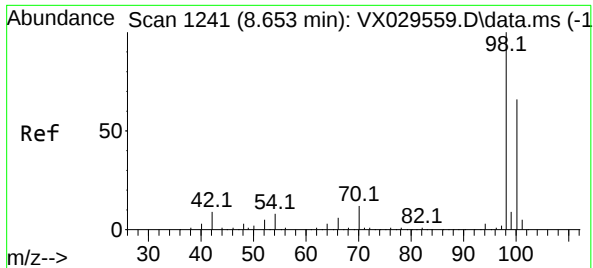
Tgt Ion:130 Resp: 5368
Ion Ratio Lower Upper
130 100
95 84.4 0.0 188.8



#48
Methyl methacrylate
Concen: 0.353 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.104 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 41 Resp: 1048
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 44.0 43.8 65.8

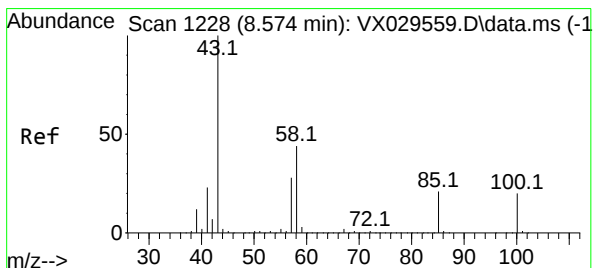
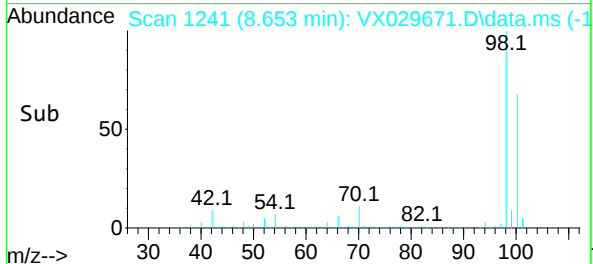
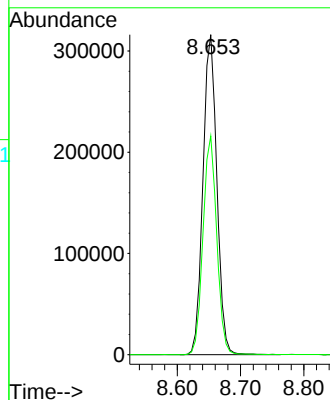
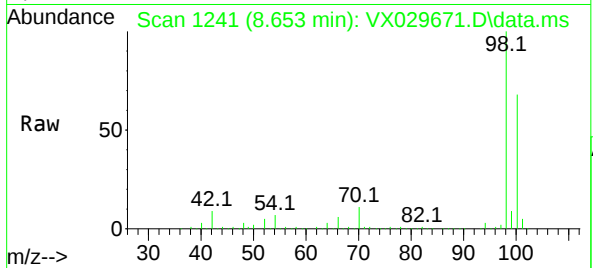




#50
Toluene-d8
Concen: 47.227 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

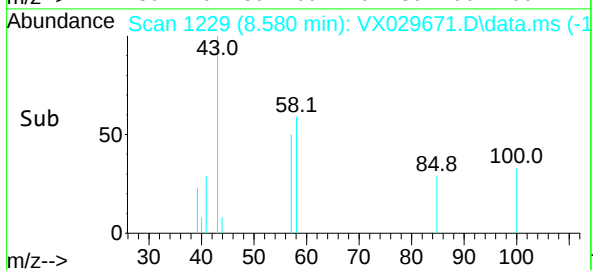
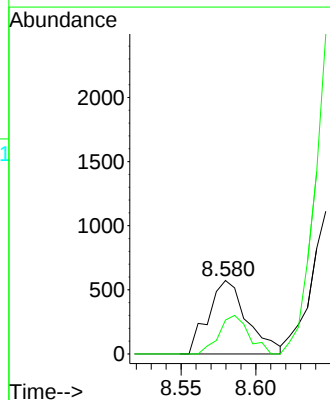
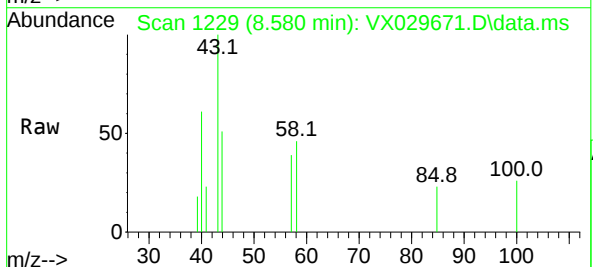
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

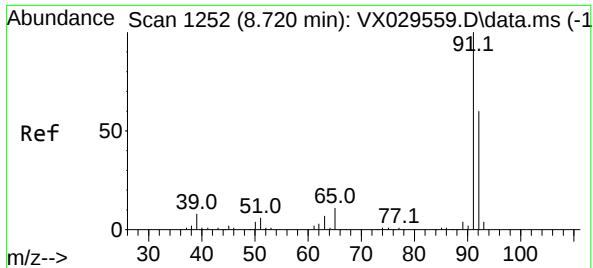
Tgt Ion: 98 Resp: 484195
Ion Ratio Lower Upper
98 100
100 67.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.264 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
58 40.2 36.1 54.1

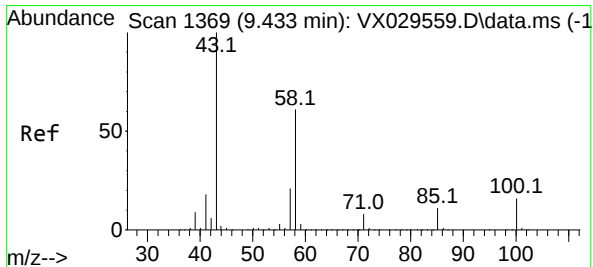
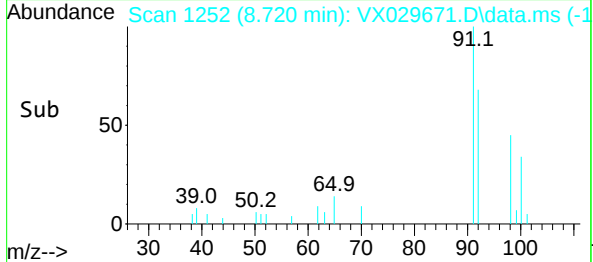
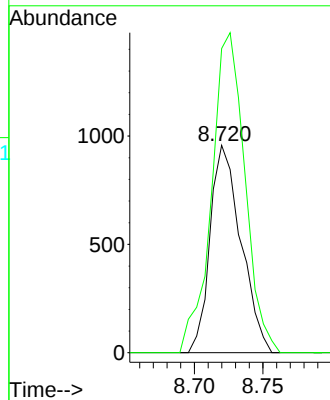
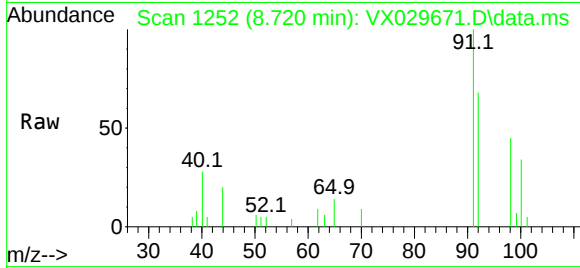




#52
Toluene
Concen: 0.208 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

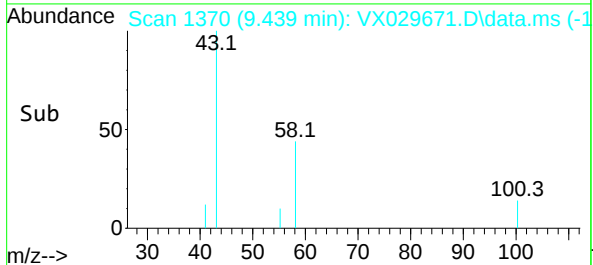
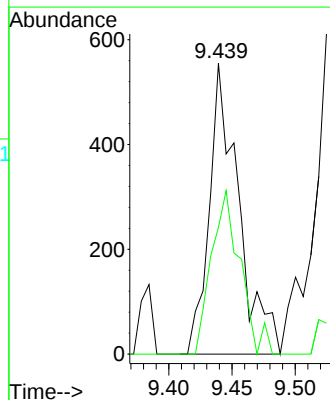
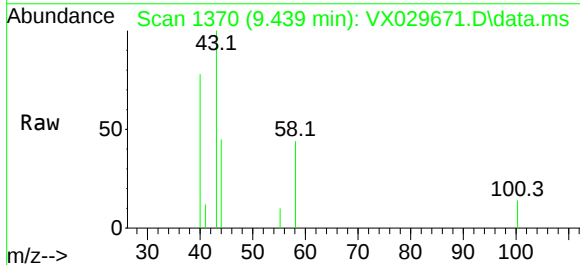
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

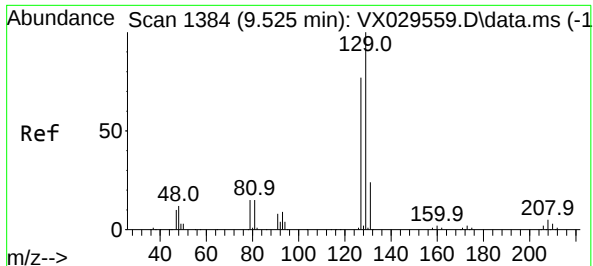
Tgt Ion: 92 Resp: 1500
Ion Ratio Lower Upper
92 100
91 166.4 137.5 206.3



#59
2-Hexanone
Concen: 0.303 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 55.0 31.9 95.7

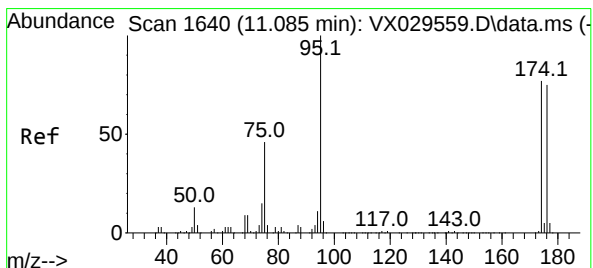
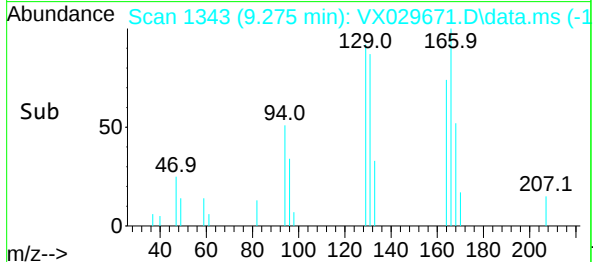
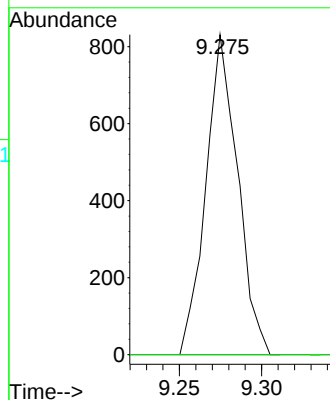
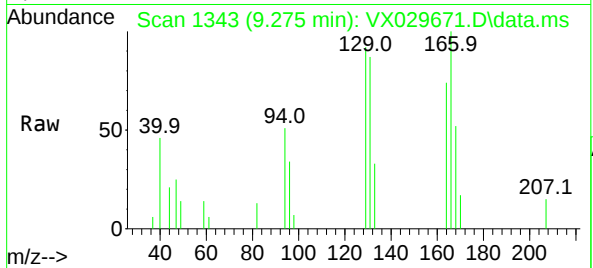




#60
Dibromochloromethane
Concen: 0.394 ug/l
RT: 9.275 min Scan# 1116
Delta R.T. -0.250 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

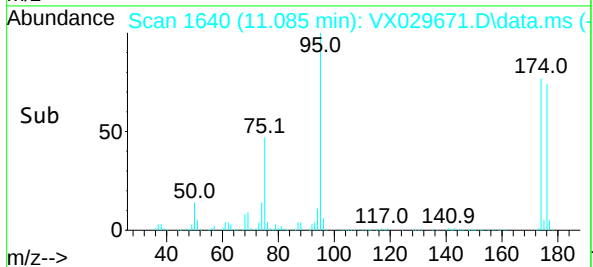
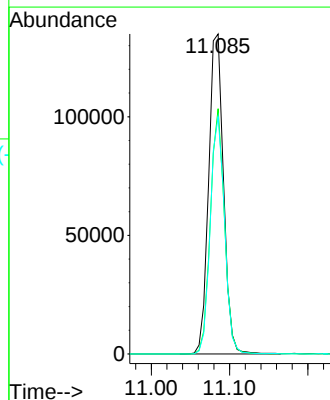
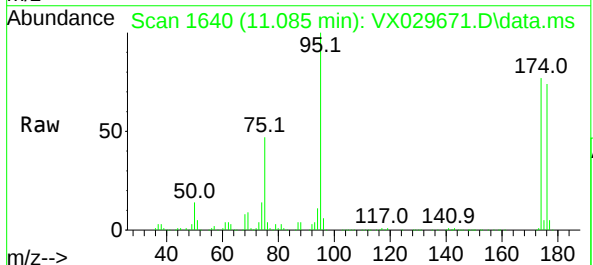
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW149S1-230-232

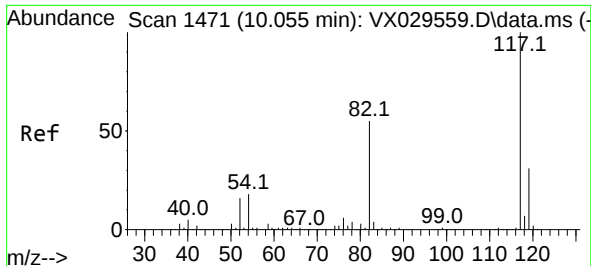
Tgt Ion:129 Resp: 1116
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 45.866 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion: 95 Resp: 177334
Ion Ratio Lower Upper
95 100
174 72.3 0.0 163.0
176 71.1 0.0 155.0

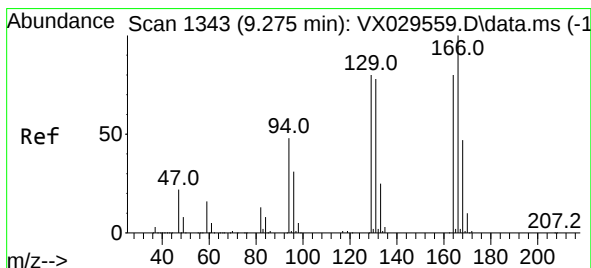
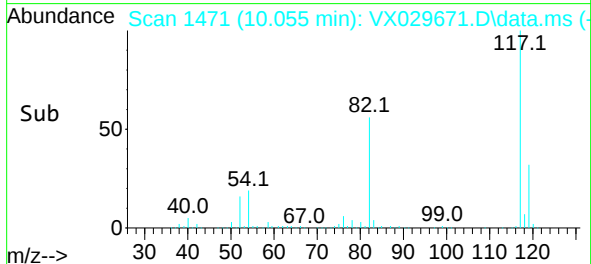
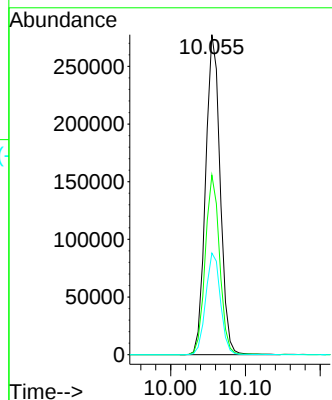
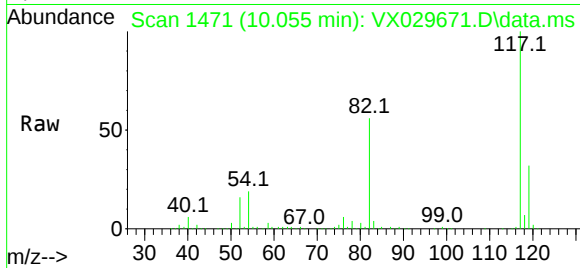




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

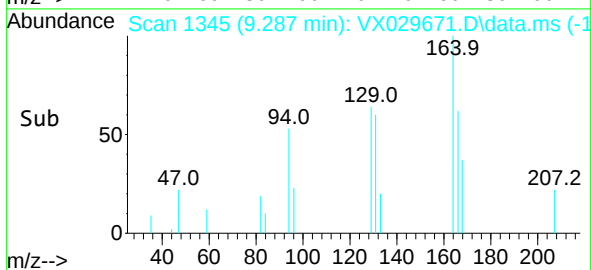
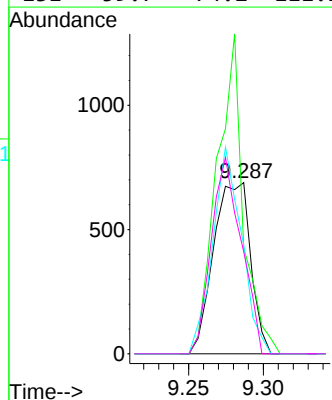
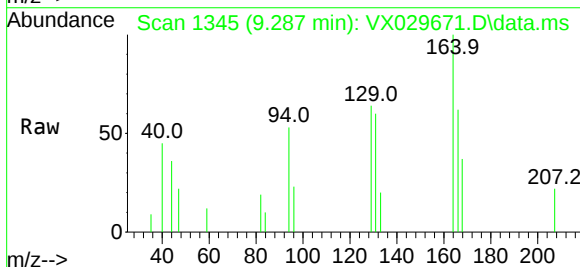
Instrument : MSVOA_X
ClientSampleId : BP-TT-MW149S1-230-232

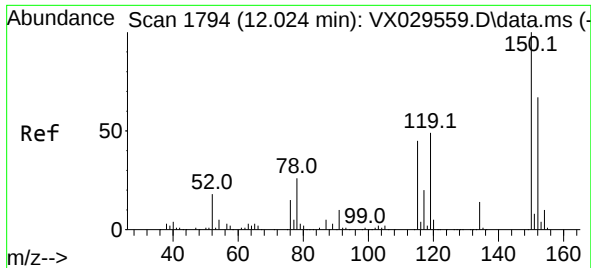
Tgt Ion:117 Resp: 374174
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 0.436 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. 0.012 min
Lab File: VX029671.D
Acq: 21 Jun 2022 18:53

Tgt Ion:164 Resp: 1180
Ion Ratio Lower Upper
164 100
166 61.8 101.2 151.8#
129 63.7 73.0 109.4#
131 59.7 74.2 111.2#

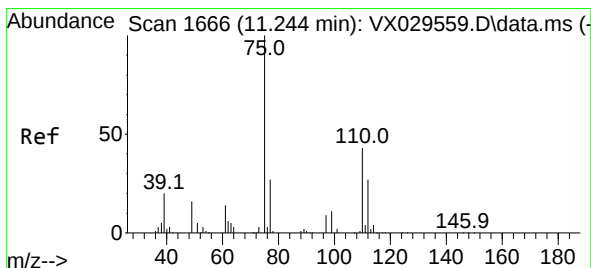
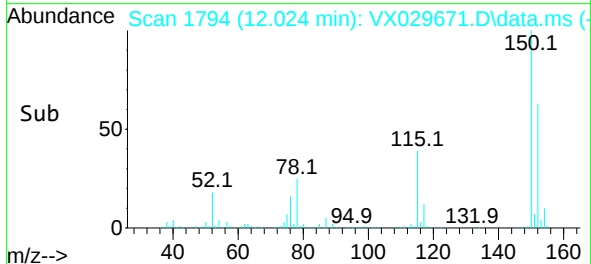
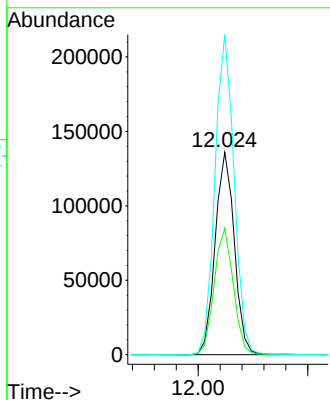
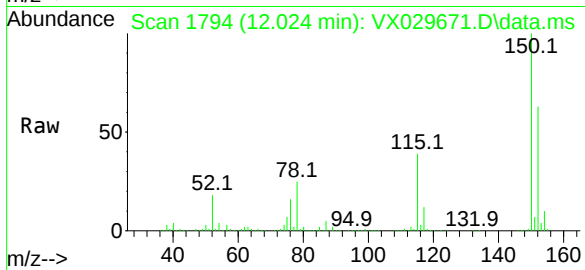




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029671.D
 Acq: 21 Jun 2022 18:53

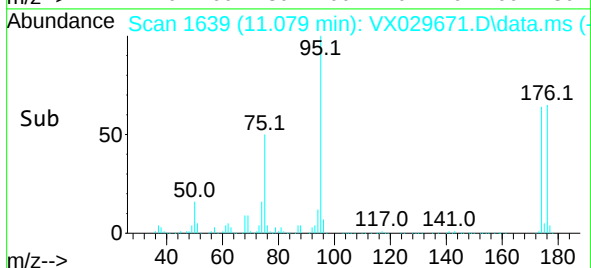
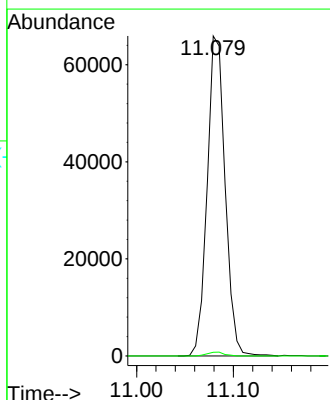
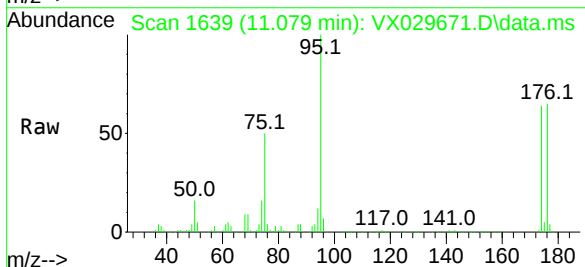
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW149S1-230-232

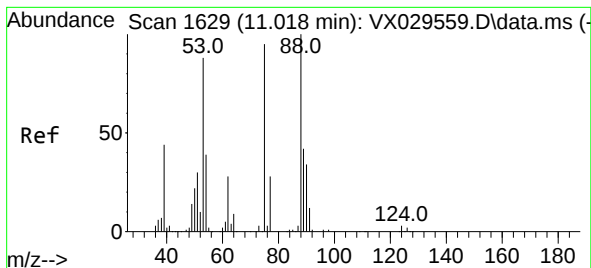
Tgt Ion:152 Resp: 165177
 Ion Ratio Lower Upper
 152 100
 115 62.5 37.5 112.7
 150 158.4 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.673 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029671.D
 Acq: 21 Jun 2022 18:53

Tgt Ion: 75 Resp: 85184
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 78.754 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX029671.D

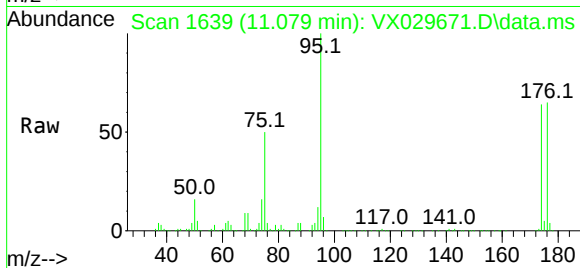
Acq: 21 Jun 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW149S1-230-232



Tgt Ion: 75 Resp: 85184

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

