

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028242.D
 Acq On : 21 Apr 2022 15:37
 Operator : JC/MD
 Sample : N2516-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW172S1-270-272

Quant Time: Apr 22 06:14:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

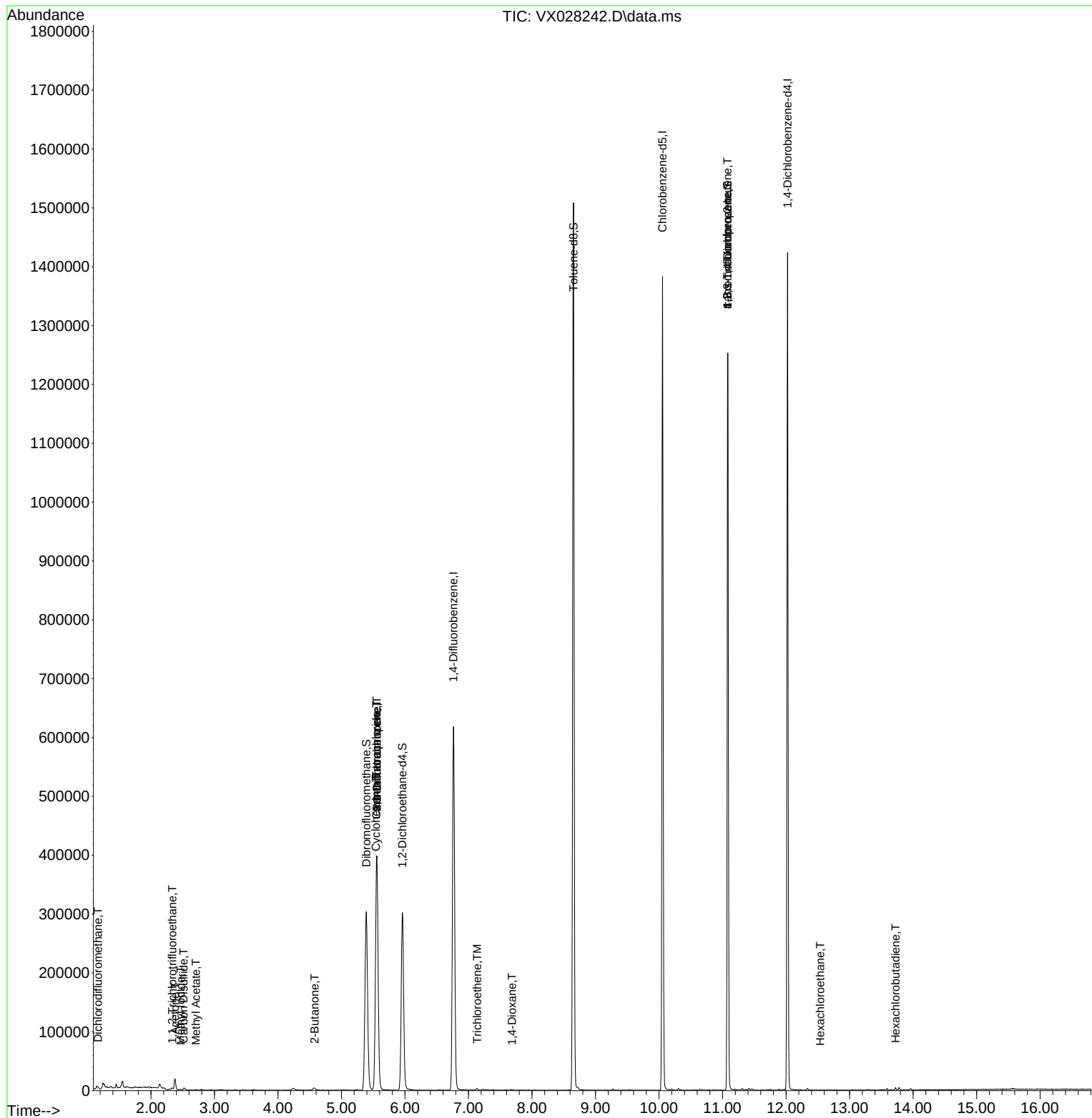
Internal Standards						
1) Pentafluorobenzene	5.556	168	395947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	676596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	639224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	294016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	284061	55.022	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.040%
35) Dibromofluoromethane	5.391	113	262379	55.297	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	110.600%
50) Toluene-d8	8.653	98	935163	51.314	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.620%
62) 4-Bromofluorobenzene	11.079	95	335732	48.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	990	0.387	ug/l	85
3) Chloromethane	1.294	50	432	Below Cal	#	76
5) Bromomethane	1.618	94	932	Below Cal		100
6) Chloroethane	1.691	64	496	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	1441	0.449	ug/l	97
10) Methyl Iodide	2.465	142	1192	5.478	ug/l	98
11) Tert butyl alcohol	2.941	59	257	Below Cal	#	72
16) Acetone	2.380	43	19788	11.216	ug/l	94
17) Carbon Disulfide	2.514	76	2613	0.319	ug/l	99
18) Methyl Acetate	2.709	43	927	0.202	ug/l	# 82
25) 2-Butanone	4.574	43	6987	2.285	ug/l	95
31) Cyclohexane	5.544	56	7355	1.169	ug/l	# 45
36) 1,1-Dichloropropene	5.556	75	28313	4.575	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	39244	5.617	ug/l	# 14
44) Trichloroethene	7.135	130	1268	0.241	ug/l	92
49) 1,4-Dioxane	7.684	88	884	7.042	ug/l	# 81
76) 1,2,3-Trichloropropane	11.079	75	165642	28.626	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	165642	85.069	ug/l	# 15
90) Hexachloroethane	12.536	117	104	1.844	ug/l	# 10
94) Hexachlorobutadiene	13.725	225	664	0.255	ug/l	85

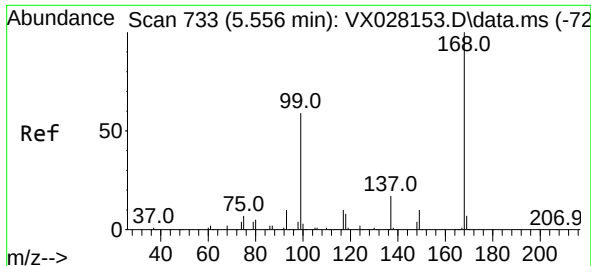
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
BP-TT-MW172S1-270-272

Quant Time: Apr 22 06:14:09 2022
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Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

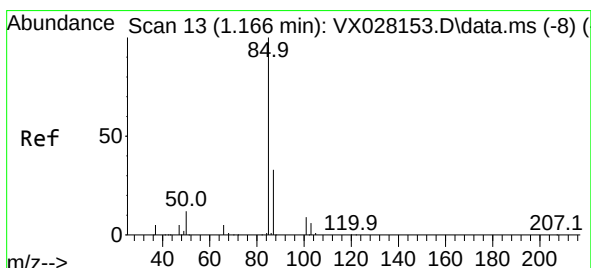
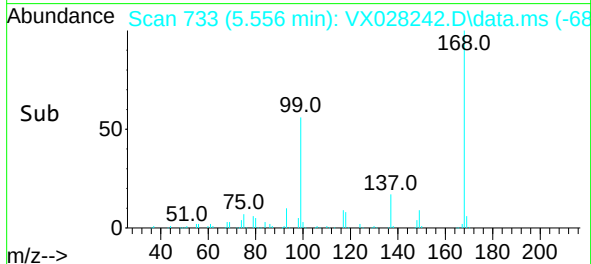
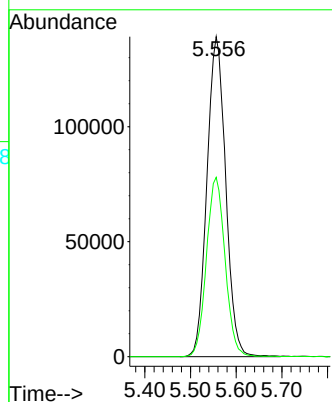
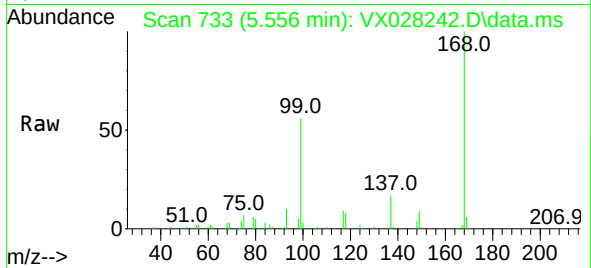




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

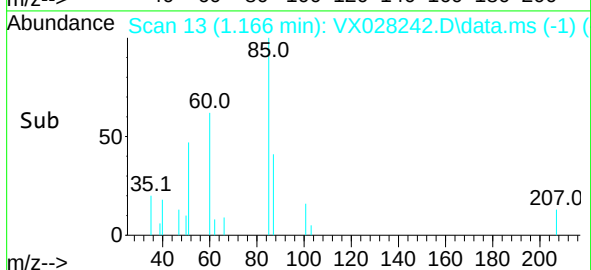
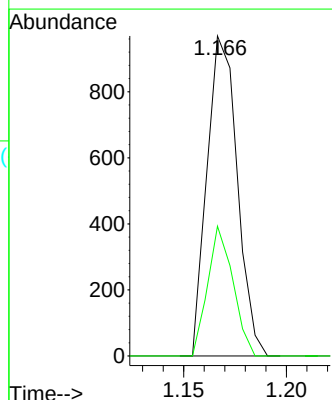
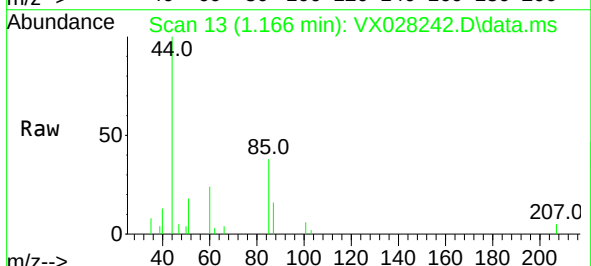
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

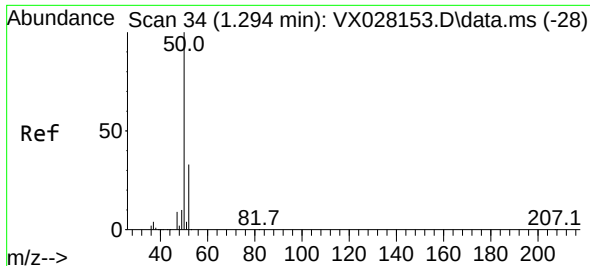
Tgt Ion:168 Resp: 395947
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.387 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 85 Resp: 990
Ion Ratio Lower Upper
85 100
87 40.6 16.2 48.6

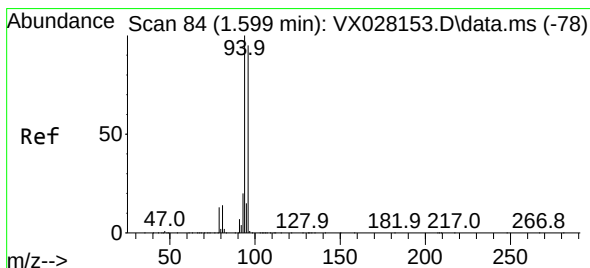
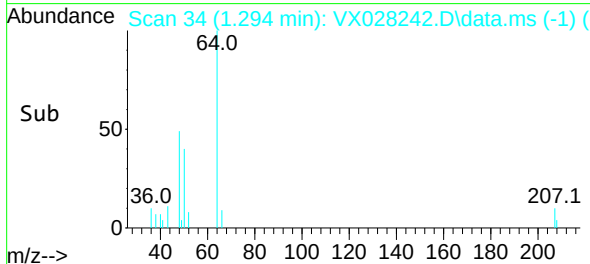
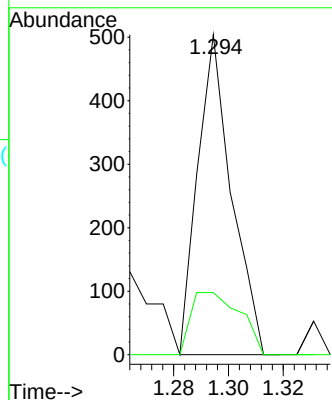
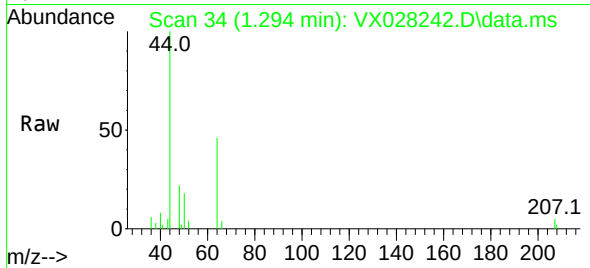




#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

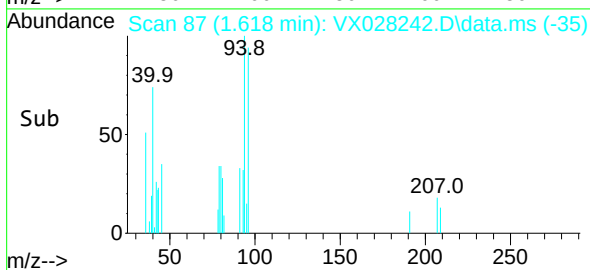
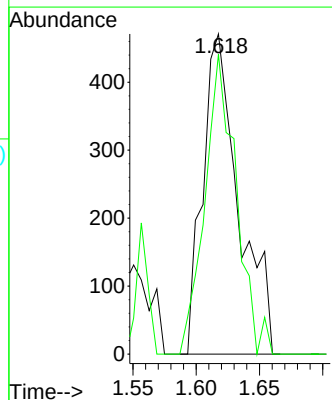
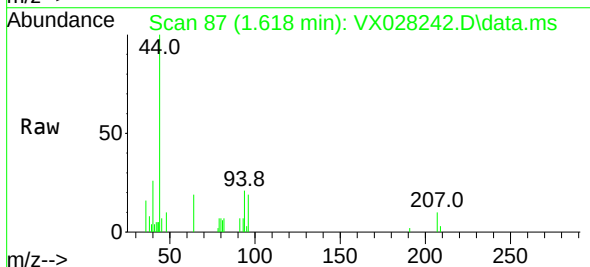
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

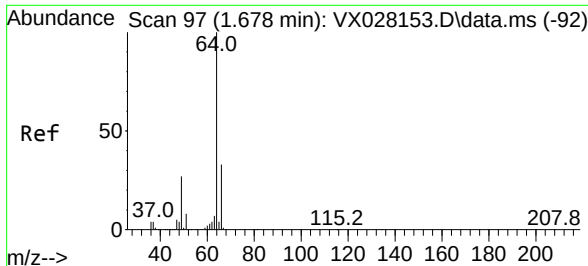
Tgt Ion: 50 Resp: 432
Ion Ratio Lower Upper
50 100
52 19.4 26.4 39.6#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 94 Resp: 932
Ion Ratio Lower Upper
94 100
96 93.6 75.3 112.9

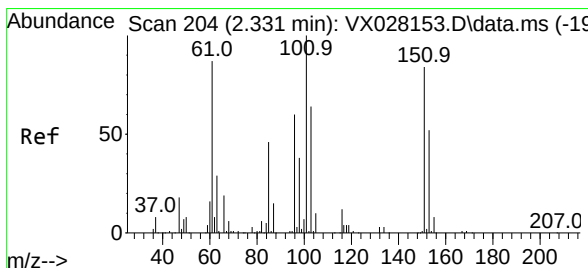
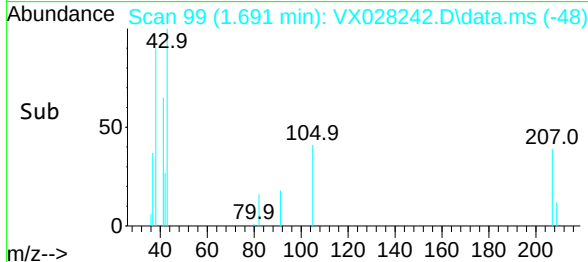
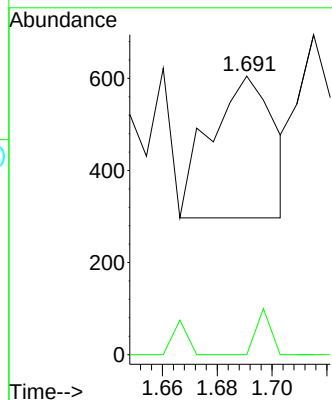
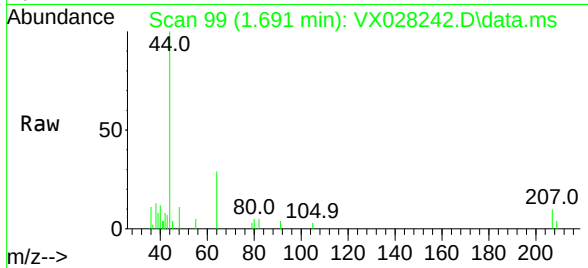




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

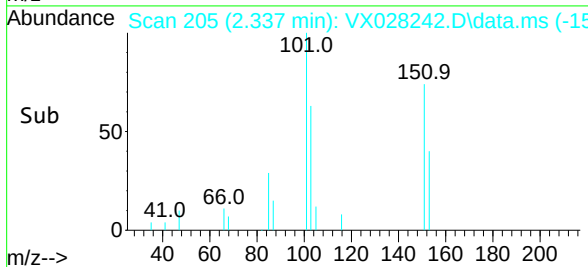
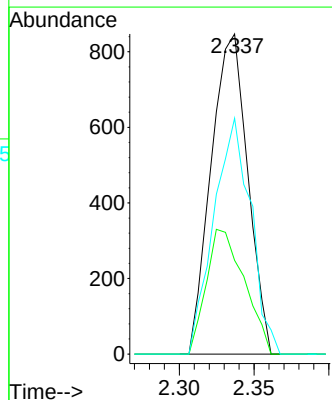
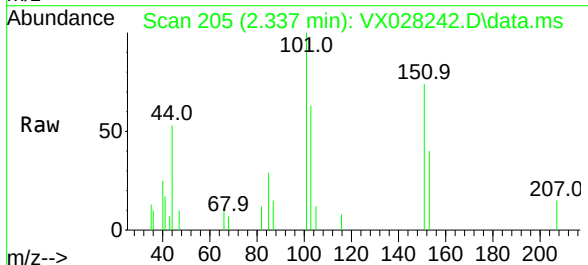
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

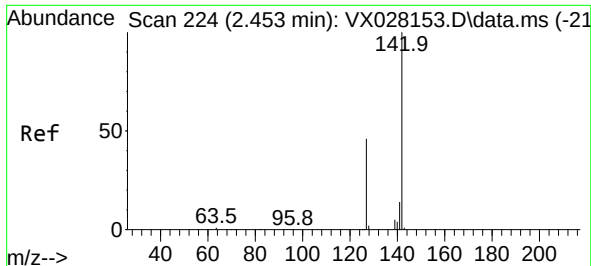
Tgt Ion: 64 Resp: 496
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.449 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

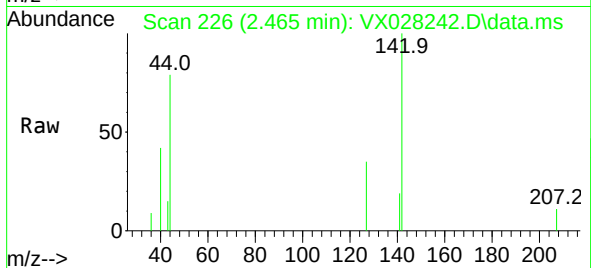
Tgt Ion: 101 Resp: 1441
Ion Ratio Lower Upper
101 100
85 40.6 33.5 50.3
151 74.7 61.8 92.6



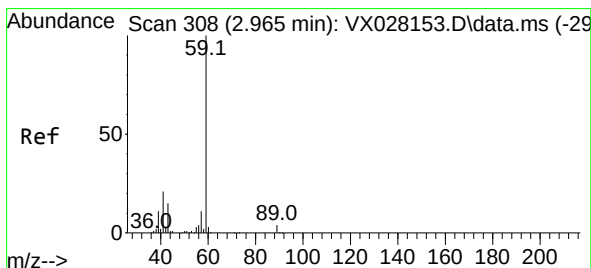
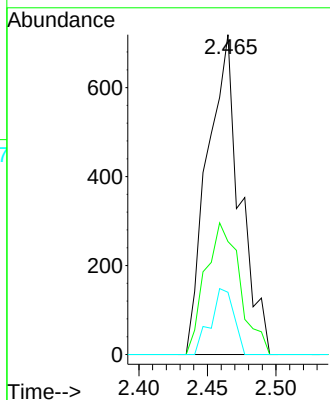
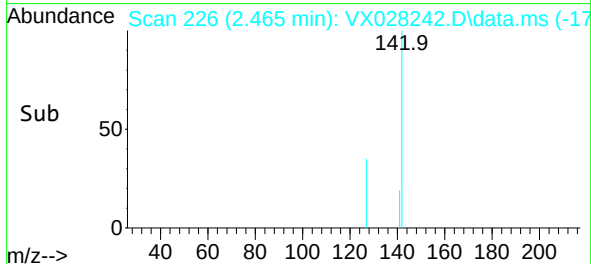


#10
Methyl Iodide
Concen: 5.478 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

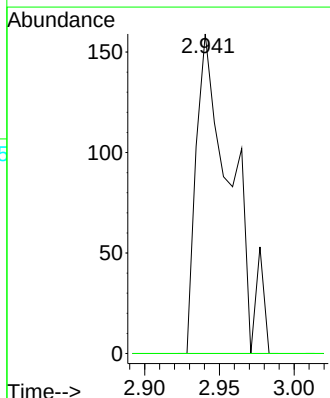
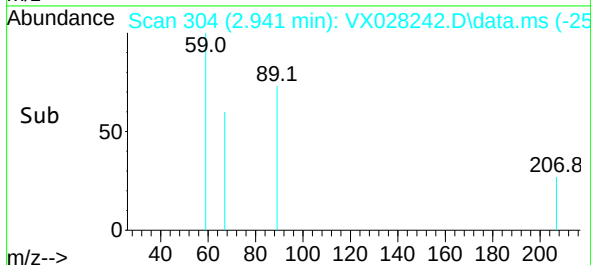
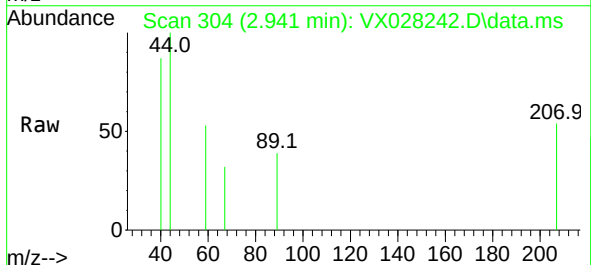


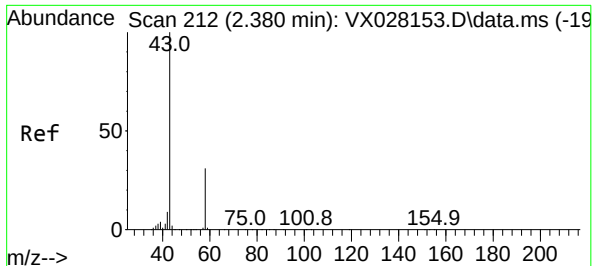
Tgt Ion:142 Resp: 1192
Ion Ratio Lower Upper
142 100
127 43.5 33.9 50.9
141 14.7 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

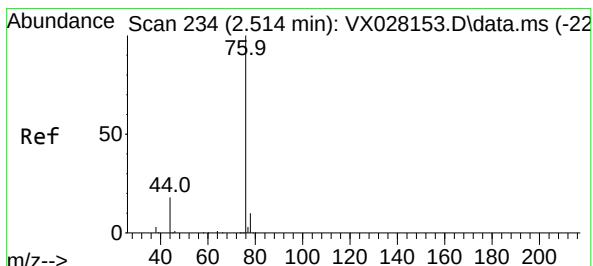
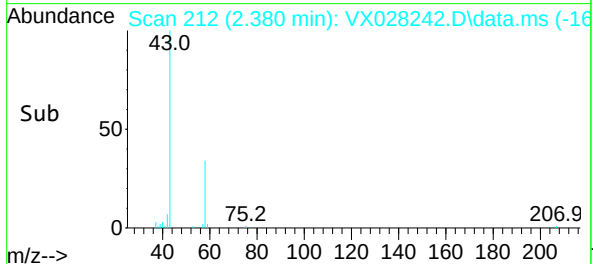
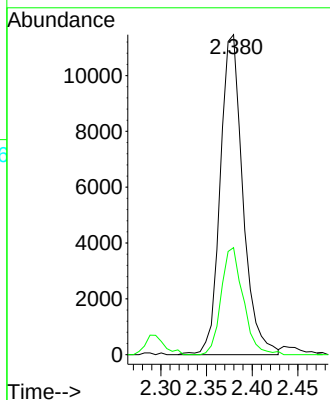
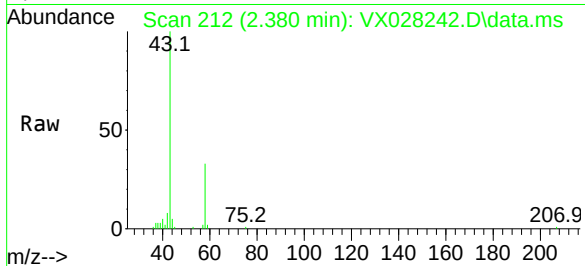




#16
Acetone
Concen: 11.216 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

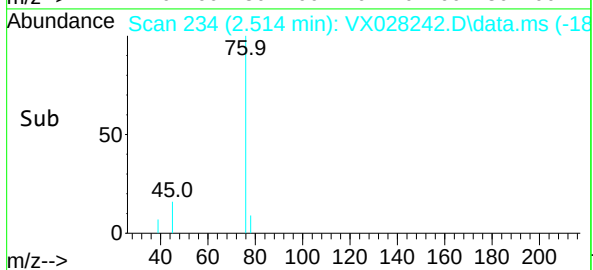
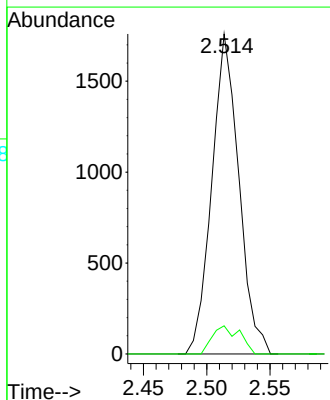
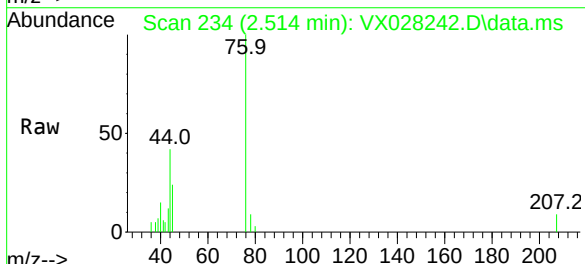
Instrument :
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ClientSampleId :
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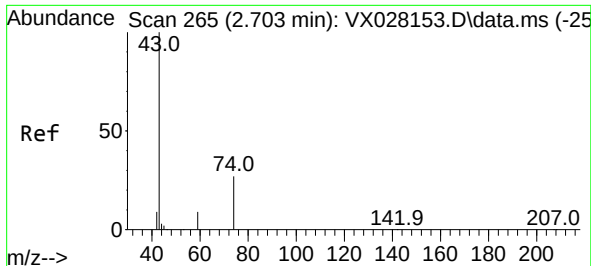
Tgt Ion: 43 Resp: 19788
Ion Ratio Lower Upper
43 100
58 32.5 28.8 43.2



#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 76 Resp: 2613
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

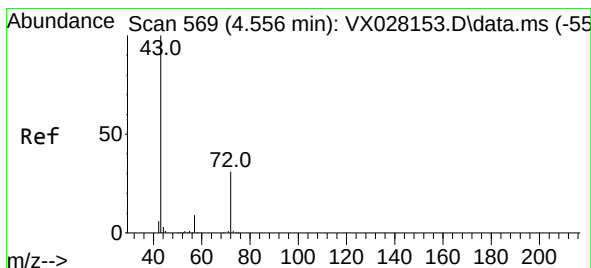
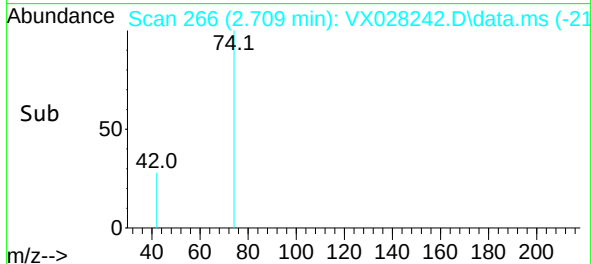
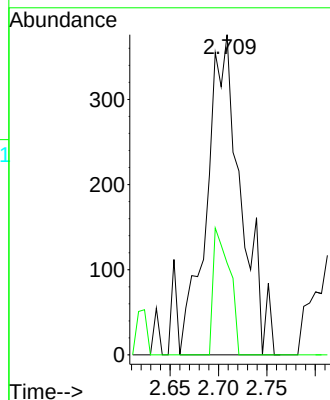
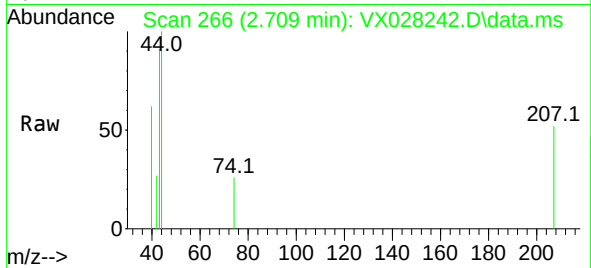




#18
Methyl Acetate
Concen: 0.202 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

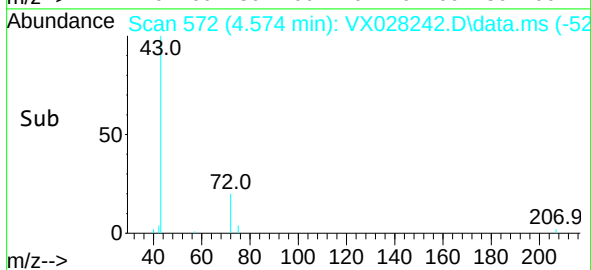
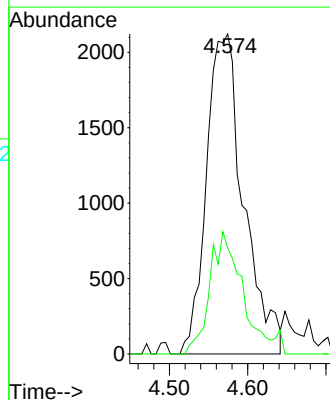
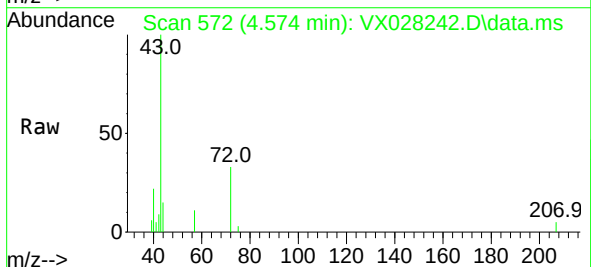
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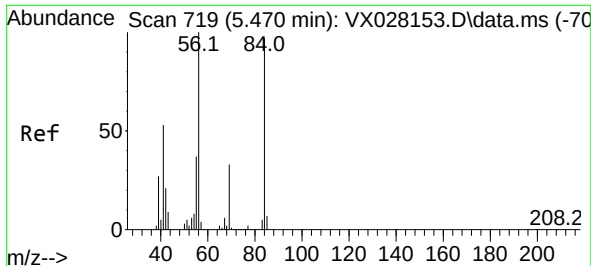
Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
74 18.8 22.8 34.2#



#25
2-Butanone
Concen: 2.285 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 43 Resp: 6987
Ion Ratio Lower Upper
43 100
72 33.0 24.4 36.6

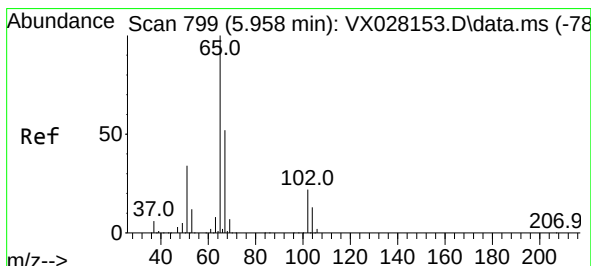
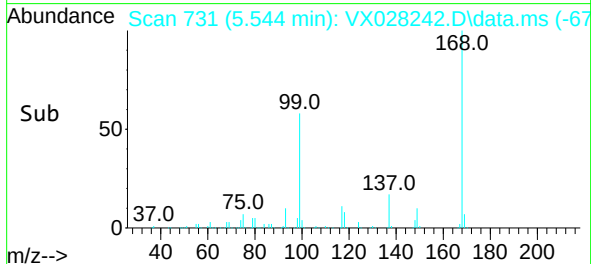
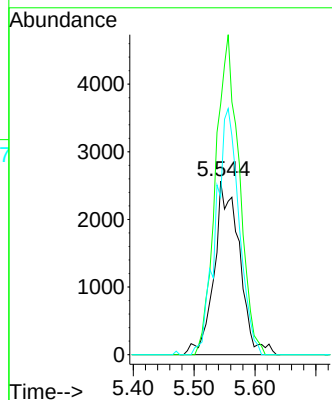
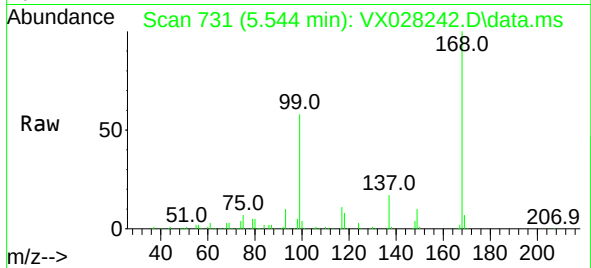




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

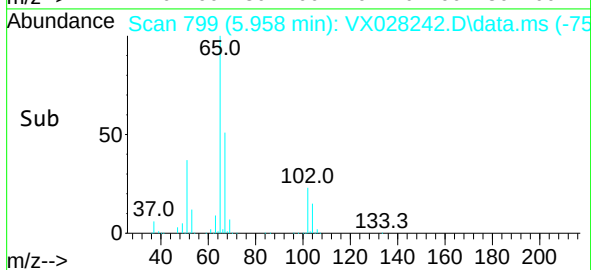
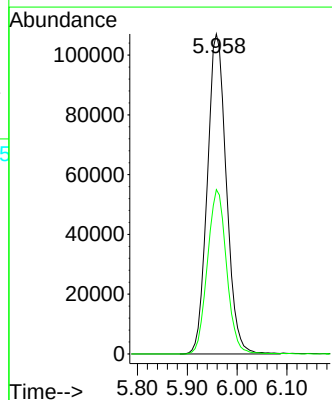
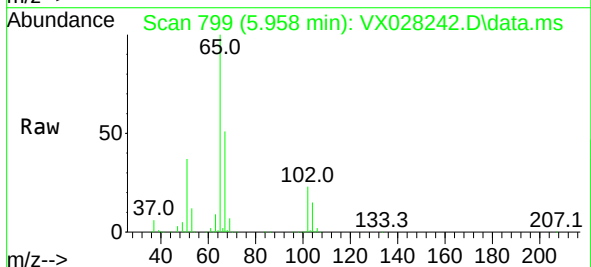
Instrument :
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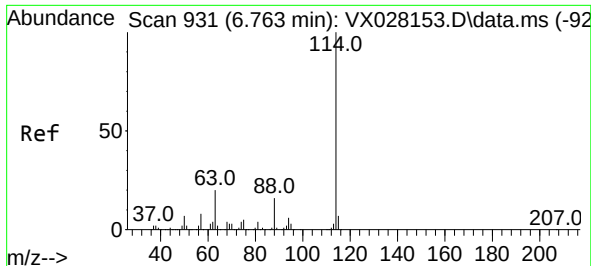
Tgt Ion: 56 Resp: 7355
Ion Ratio Lower Upper
56 100
69 144.7 26.7 40.1#
84 90.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 55.022 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 65 Resp: 284061
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

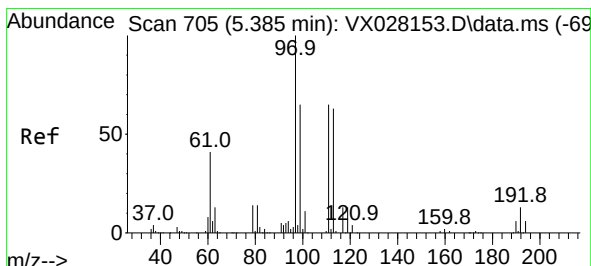
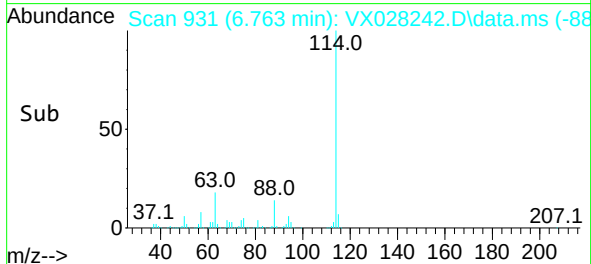
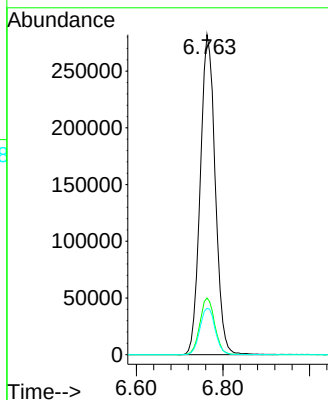
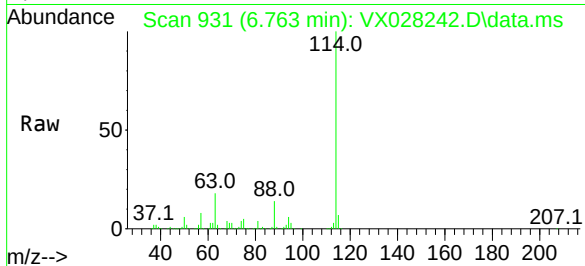




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

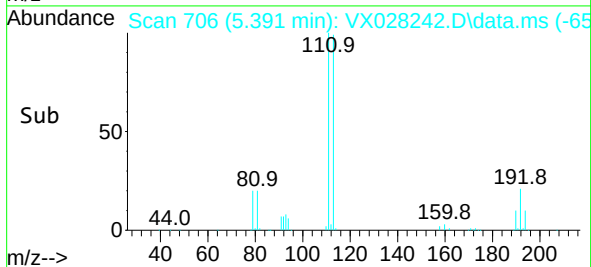
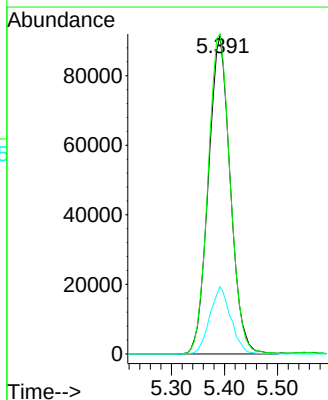
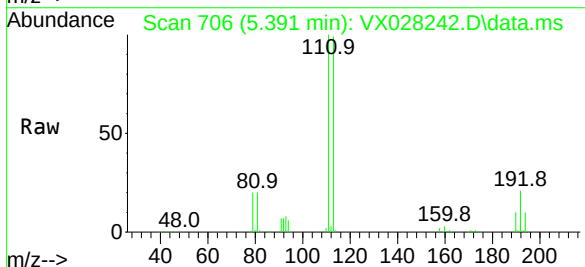
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

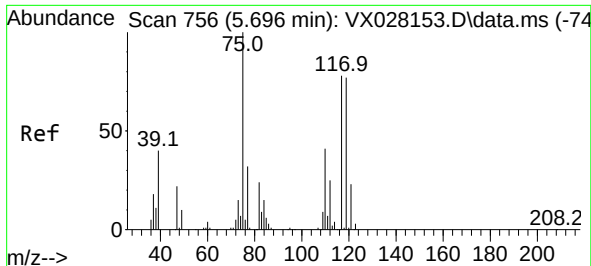
Tgt Ion:114 Resp: 676596
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 14.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 55.297 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion:113 Resp: 262379
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 20.3 16.9 25.3

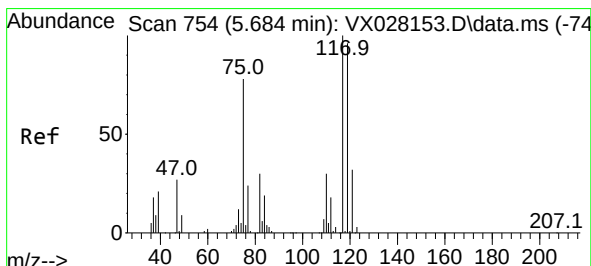
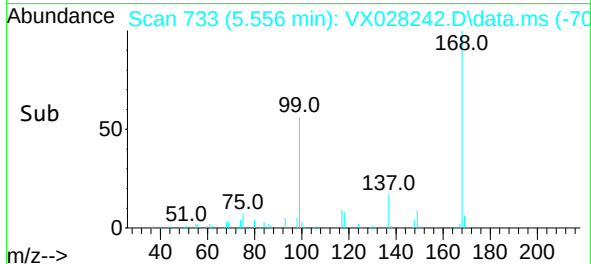
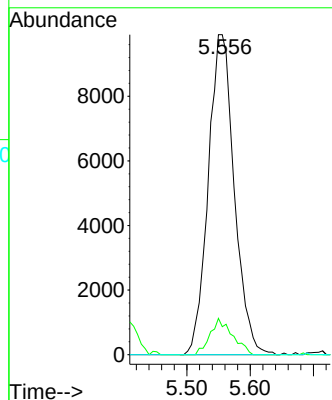
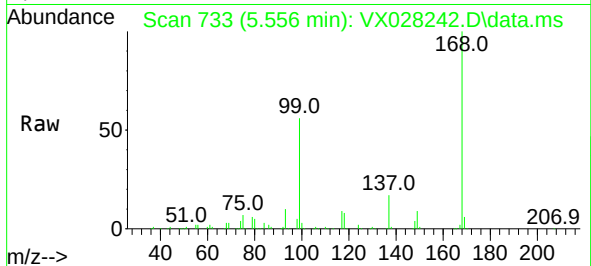




#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

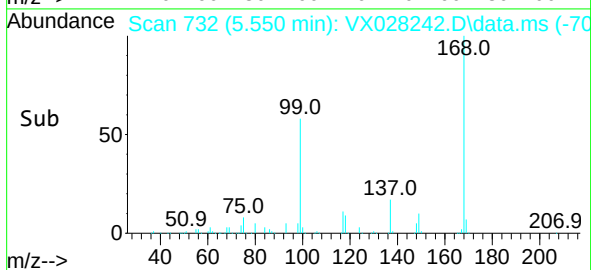
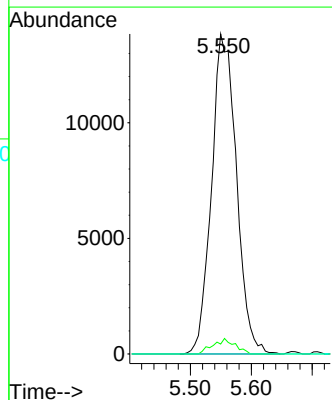
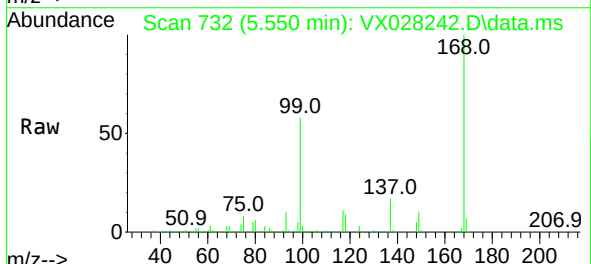
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

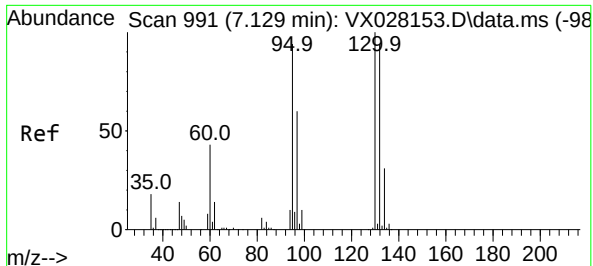
Tgt Ion: 75 Resp: 28313
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 117 Resp: 39244
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 24.2 36.2#

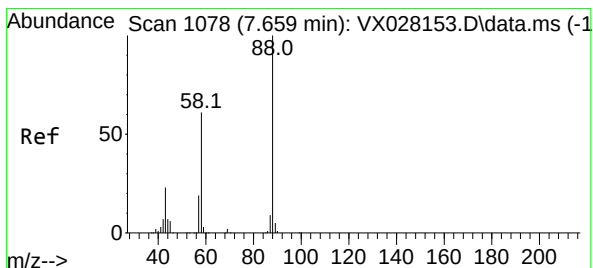
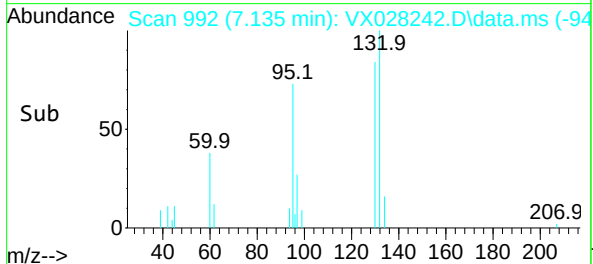
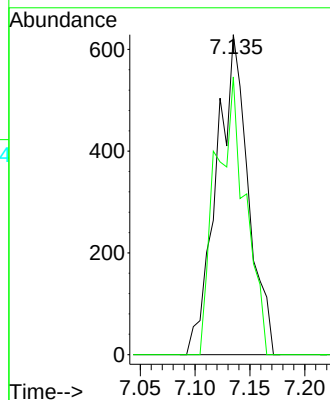
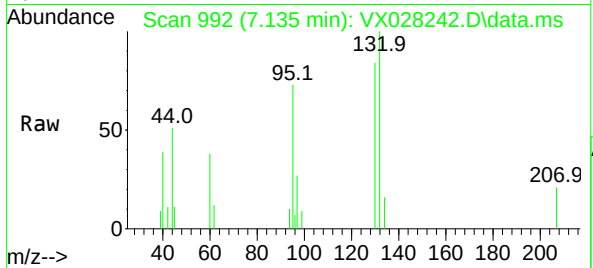




#44
Trichloroethene
Concen: 0.241 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

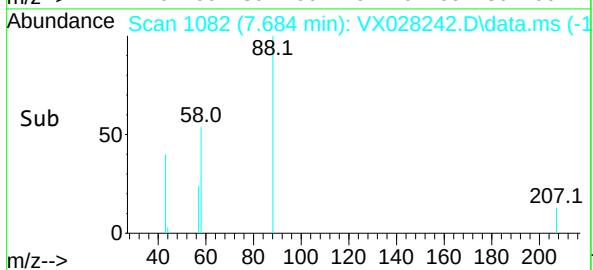
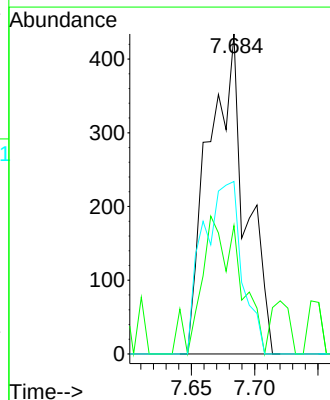
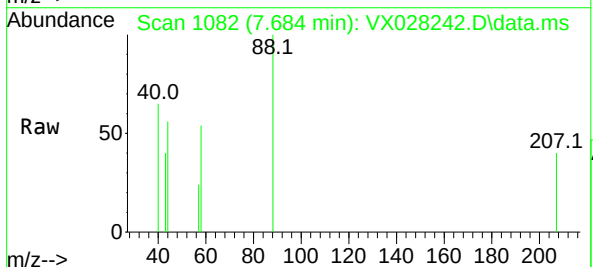
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

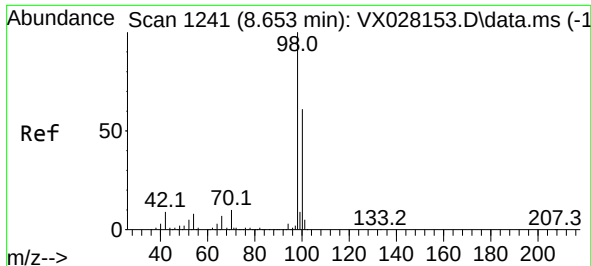
Tgt Ion:130 Resp: 1268
Ion Ratio Lower Upper
130 100
95 86.8 0.0 188.8



#49
1,4-Dioxane
Concen: 7.042 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 88 Resp: 884
Ion Ratio Lower Upper
88 100
43 44.7 21.9 32.9#
58 56.4 53.7 80.5

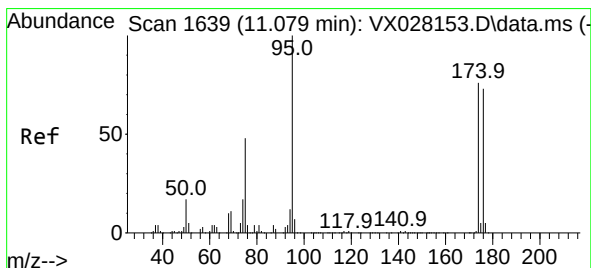
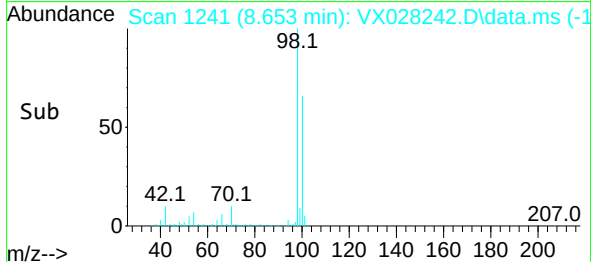
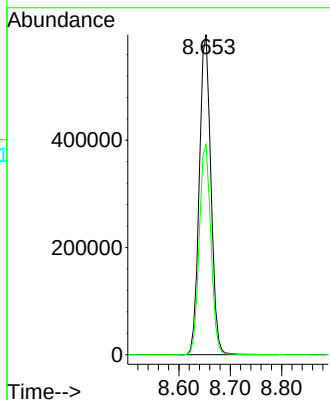
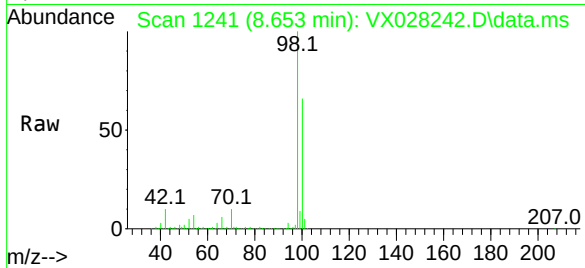




#50
Toluene-d8
Concen: 51.314 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

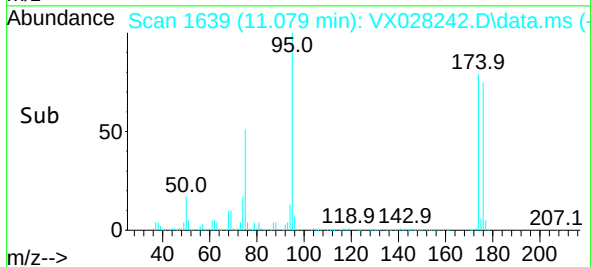
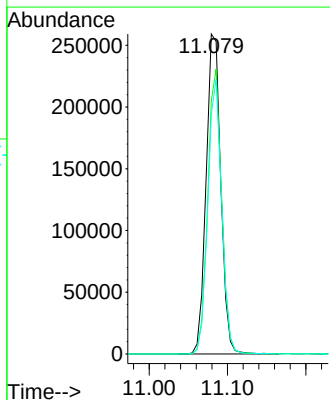
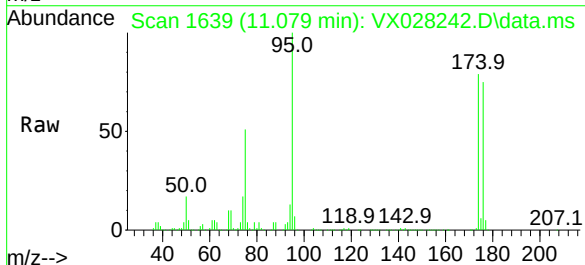
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

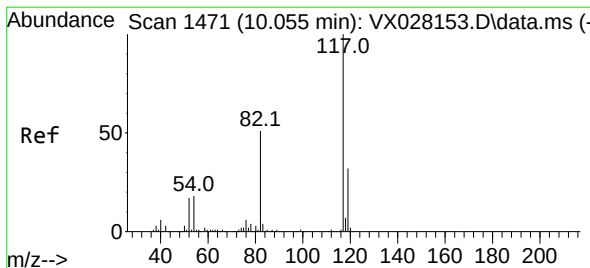
Tgt Ion: 98 Resp: 935163
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion: 95 Resp: 335732
Ion Ratio Lower Upper
95 100
174 84.9 0.0 163.0
176 81.6 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: VX028242.D

Acq: 21 Apr 2022 15:37

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW172S1-270-272

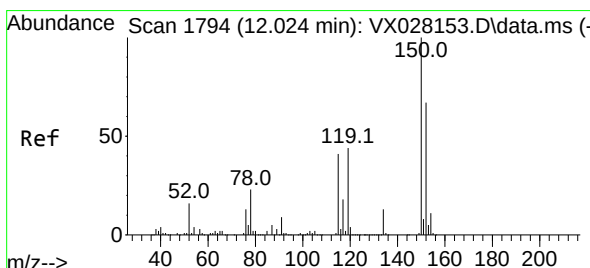
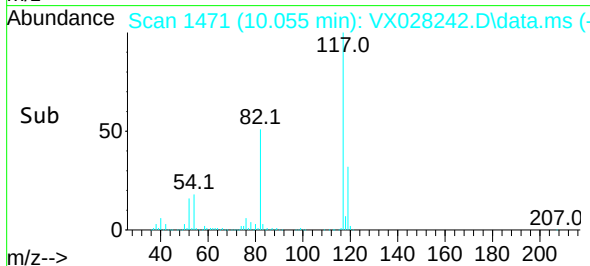
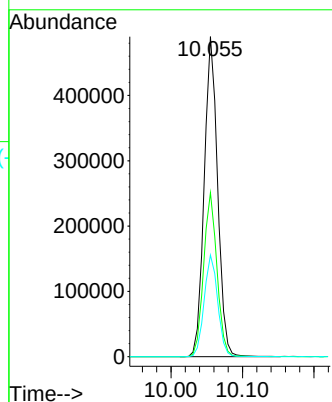
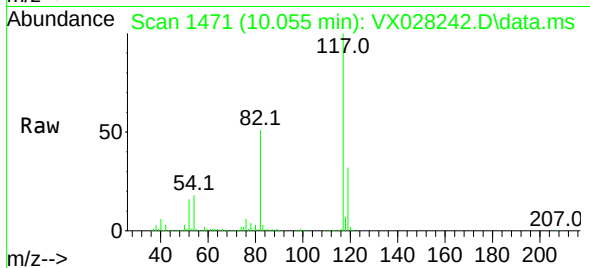
Tgt Ion:117 Resp: 639224

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

119 31.8 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028242.D

Acq: 21 Apr 2022 15:37

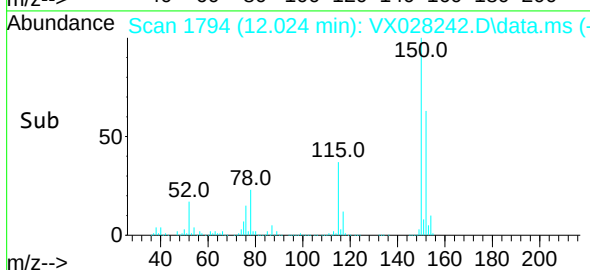
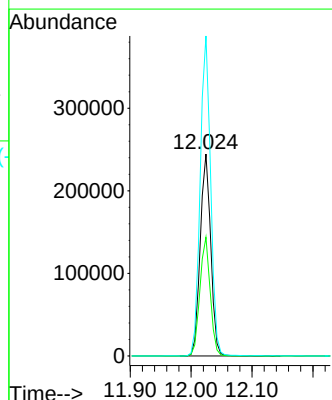
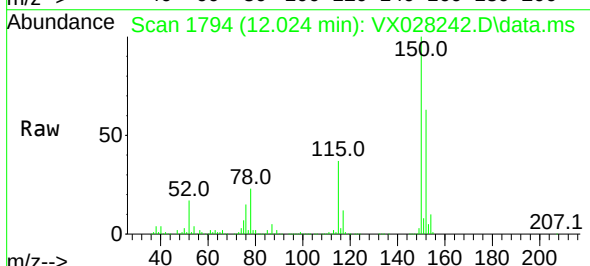
Tgt Ion:152 Resp: 294016

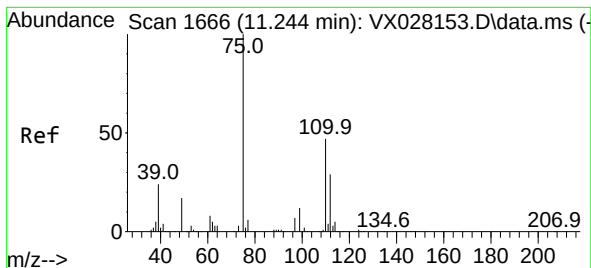
Ion Ratio Lower Upper

152 100

115 57.7 37.5 112.7

150 157.0 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 28.626 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX028242.D

Acq: 21 Apr 2022 15:37

Instrument :

MSVOA_X

ClientSampleId :

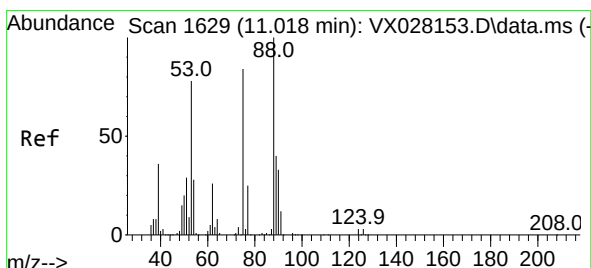
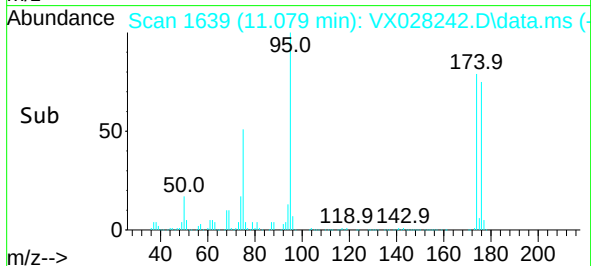
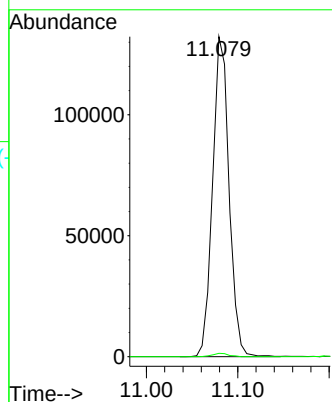
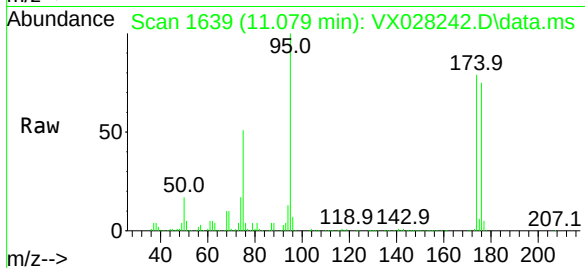
BP-TT-MW172S1-270-272

Tgt Ion: 75 Resp: 165642

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.069 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028242.D

Acq: 21 Apr 2022 15:37

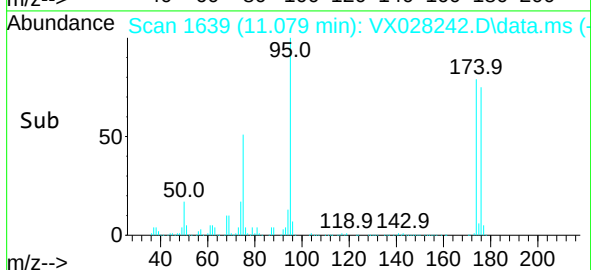
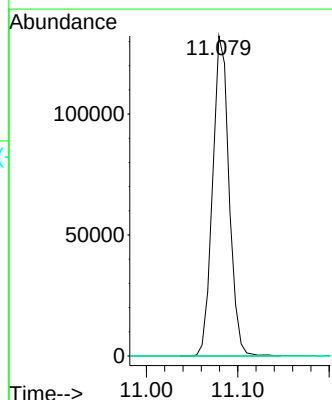
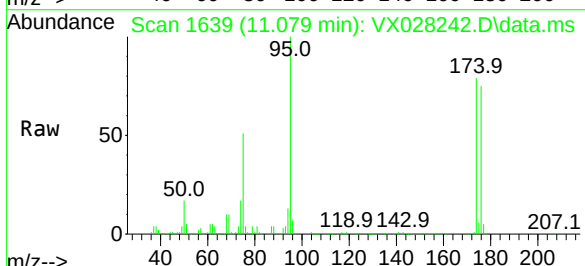
Tgt Ion: 75 Resp: 165642

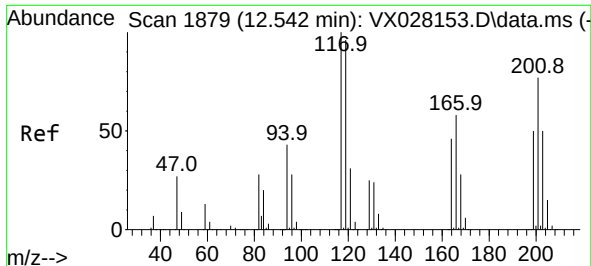
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

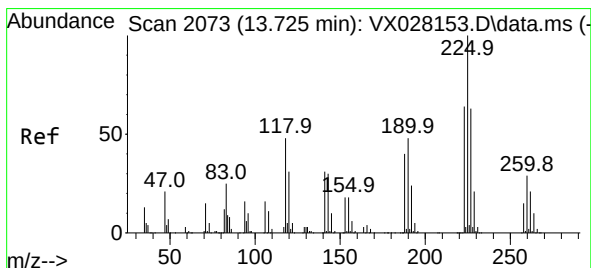
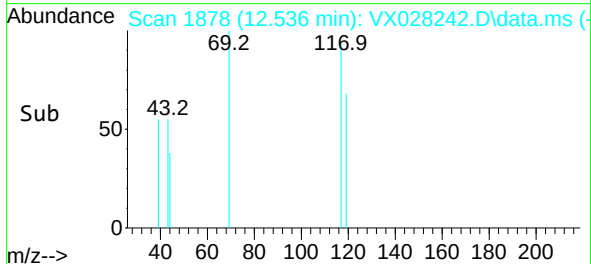
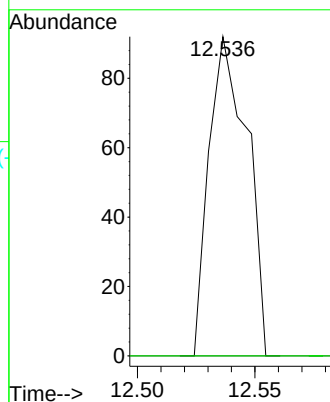
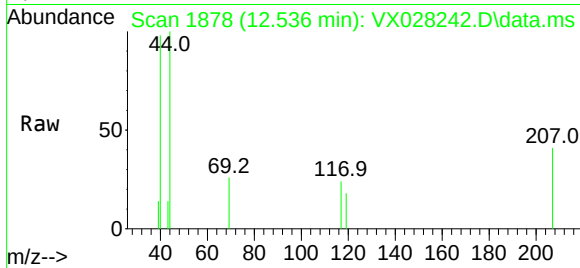




#90
Hexachloroethane
Concen: 1.844 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW172S1-270-272

Tgt Ion:117 Resp: 104
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#94
Hexachlorobutadiene
Concen: 0.255 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028242.D
Acq: 21 Apr 2022 15:37

Tgt Ion:225 Resp: 664
Ion Ratio Lower Upper
225 100
223 62.8 34.2 102.5
227 48.5 33.9 101.7

