

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027249.D
 Acq On : 01 Mar 2022 15:30
 Operator : JC/MD
 Sample : N1688-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Quant Time: Mar 02 00:35:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

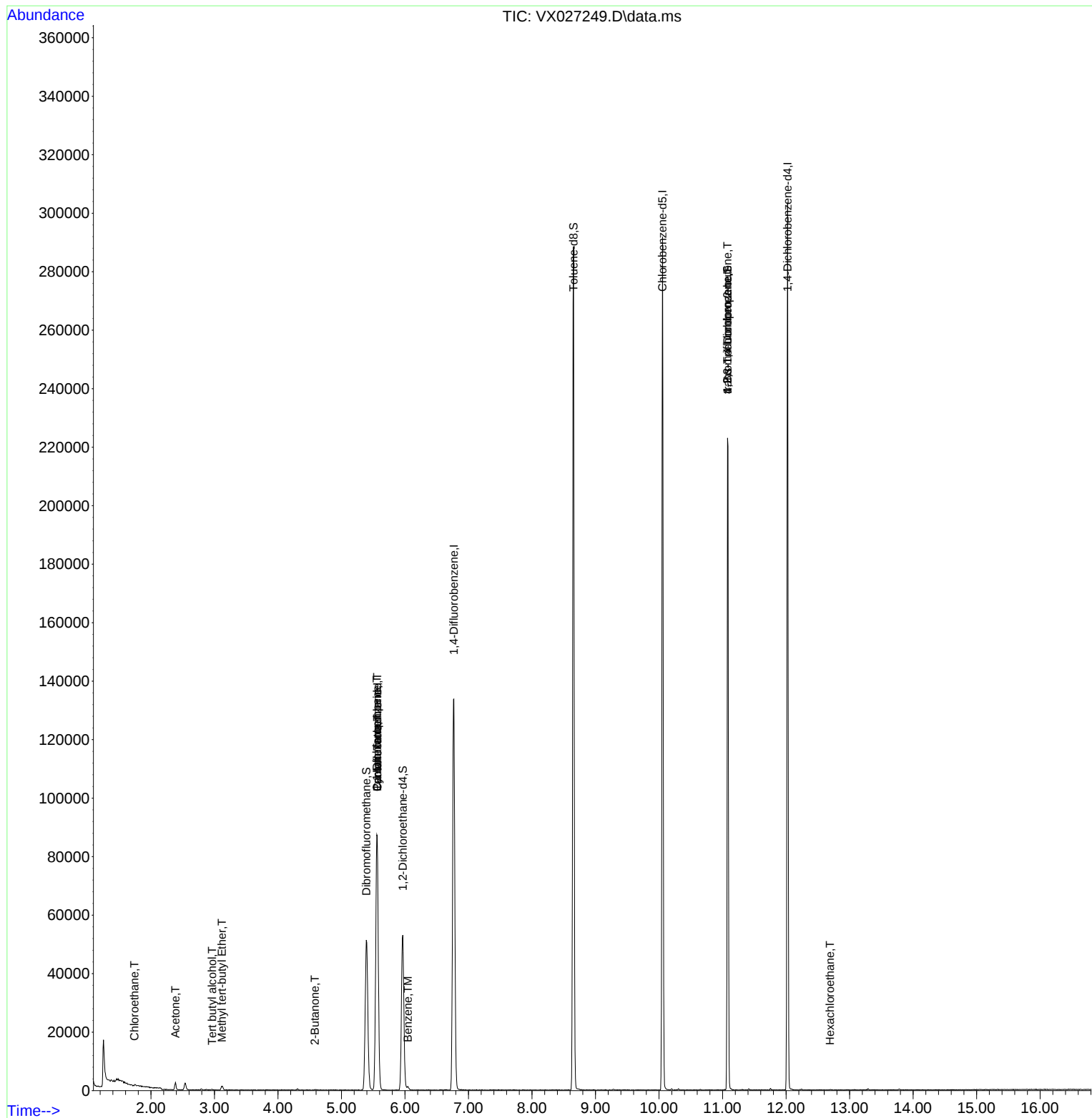
Internal Standards						
1) Pentafluorobenzene	5.562	168	86607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	144789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52435	50.411	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.820%			
35) Dibromofluoromethane	5.391	113	45585	50.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.440%			
50) Toluene-d8	8.653	98	169143	50.333	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.660%			
62) 4-Bromofluorobenzene	11.079	95	63526	49.248	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.500%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	93	Below Cal		99
6) Chloroethane	1.740	64	211	0.429 ug/l #		43
11) Tert butyl alcohol	2.965	59	241	1.191 ug/l #		75
16) Acetone	2.386	43	2616	5.728 ug/l		91
19) Methyl tert-butyl Ether	3.117	73	1396	0.483 ug/l		96
25) 2-Butanone	4.580	43	208	0.286 ug/l #		50
31) Cyclohexane	5.562	56	1542	0.990 ug/l #		3
36) 1,1-Dichloropropene	5.556	75	6169	4.703 ug/l #		50
38) Carbon Tetrachloride	5.562	117	8665	6.334 ug/l #		16
40) Benzene	6.044	78	1349	0.352 ug/l		100
76) 1,2,3-Trichloropropane	11.079	75	30491	24.407 ug/l #		40
81) trans-1,4-Dichloro-2-b...	11.079	75	30491	69.243 ug/l #		3
90) Hexachloroethane	12.695	117	171	0.285 ug/l #		14

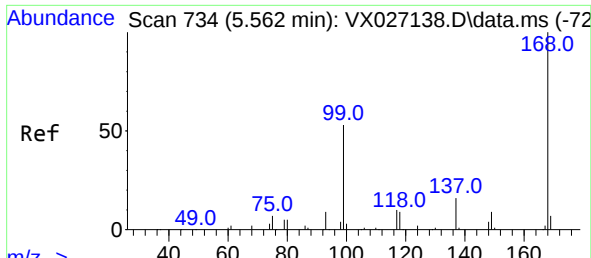
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX027249.D

Acq: 01 Mar 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

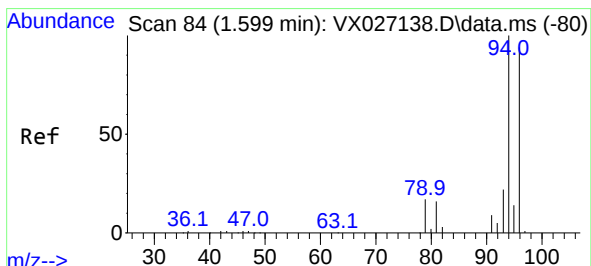
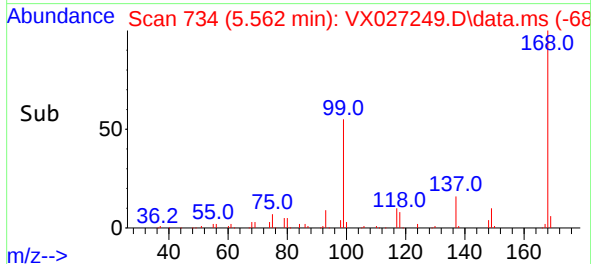
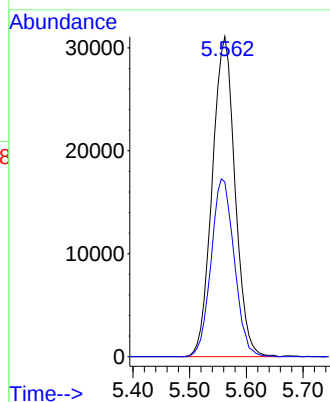
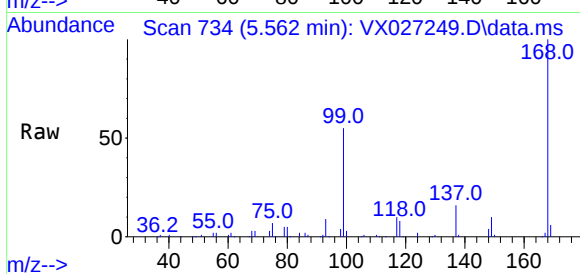
MW-30

Tgt Ion:168 Resp: 86607

Ion Ratio Lower Upper

168 100

99 54.6 50.3 75.5



#5

Bromomethane

Concen: Below Cal

RT: 1.624 min Scan# 88

Delta R.T. 0.025 min

Lab File: VX027249.D

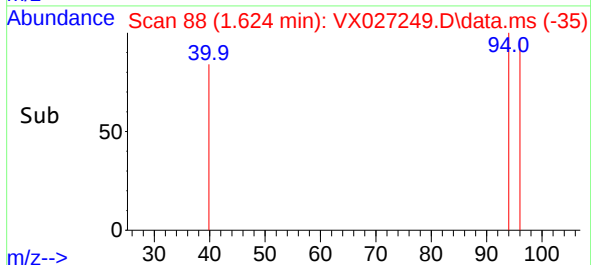
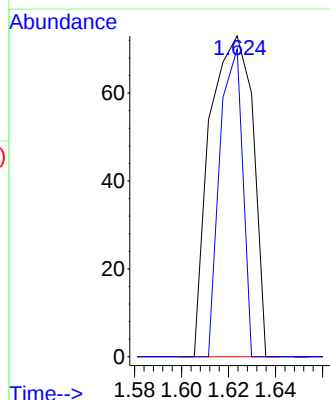
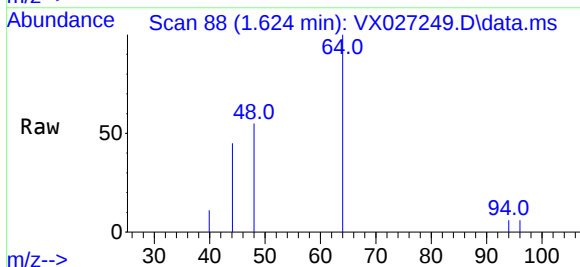
Acq: 01 Mar 2022 15:30

Tgt Ion: 94 Resp: 93

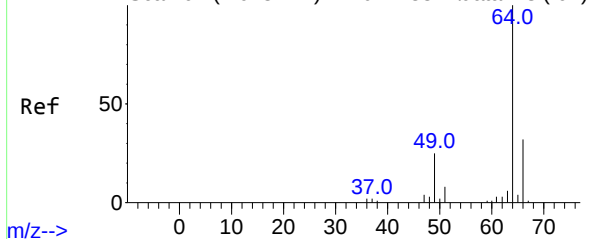
Ion Ratio Lower Upper

94 100

96 95.9 75.9 113.9



Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)

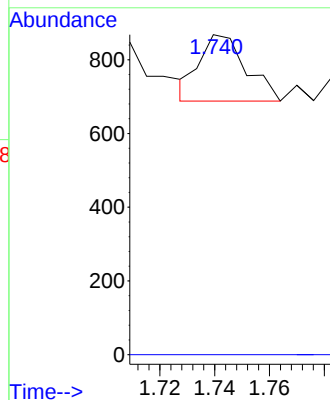
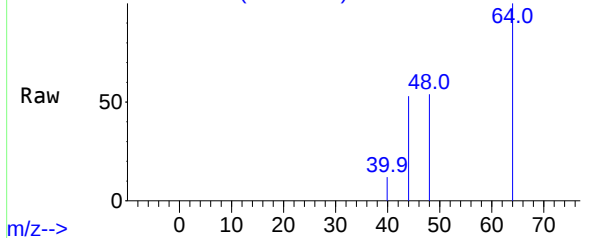


#6
Chloroethane
Concen: 0.429 ug/l
RT: 1.740 min Scan# 10
Delta R.T. 0.062 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

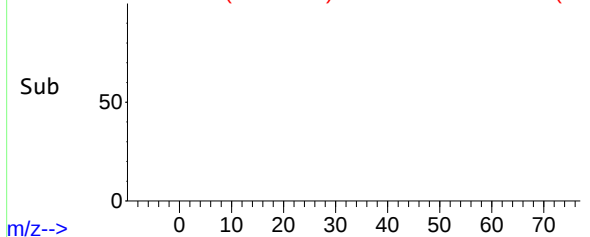
Instrument :
MSVOA_X
ClientSampleId :
MW-30

Tgt Ion: 64 Resp: 211
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

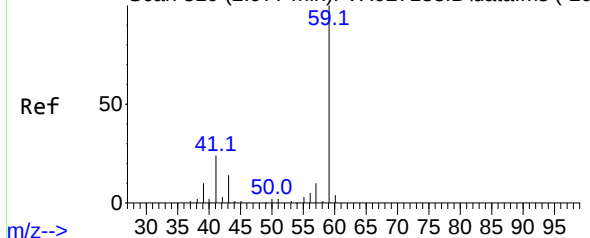
Abundance Scan 107 (1.740 min): VX027249.D\data.ms



Abundance Scan 107 (1.740 min): VX027249.D\data.ms (-48)



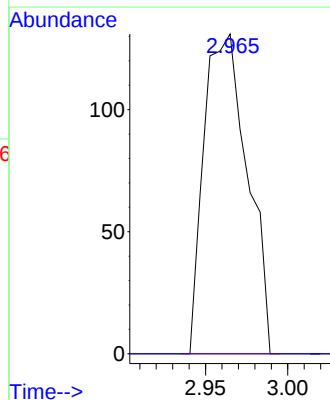
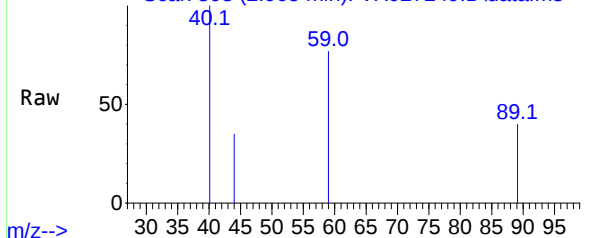
Abundance Scan 310 (2.977 min): VX027138.D\data.ms (-29)



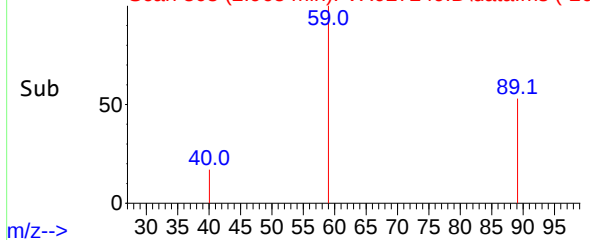
#11
Tert butyl alcohol
Concen: 1.191 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

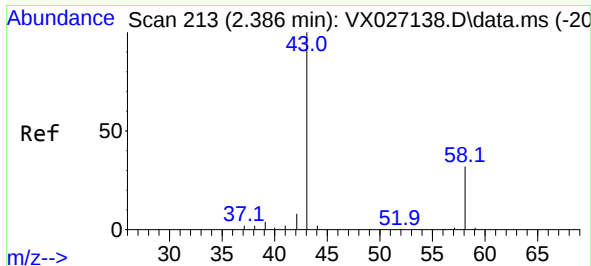
Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

Abundance Scan 308 (2.965 min): VX027249.D\data.ms



Abundance Scan 308 (2.965 min): VX027249.D\data.ms (-26)

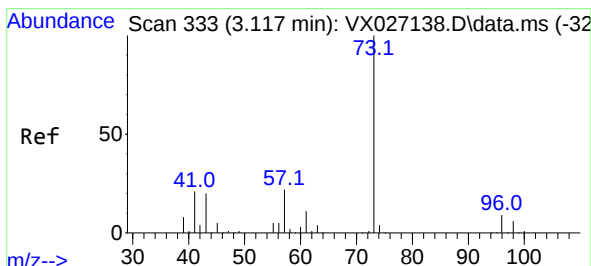
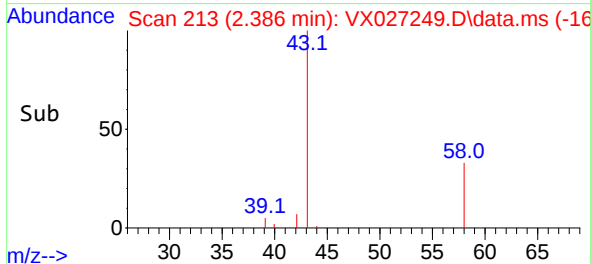
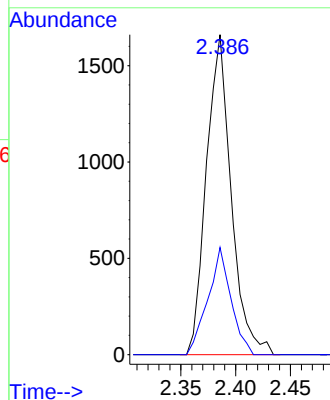
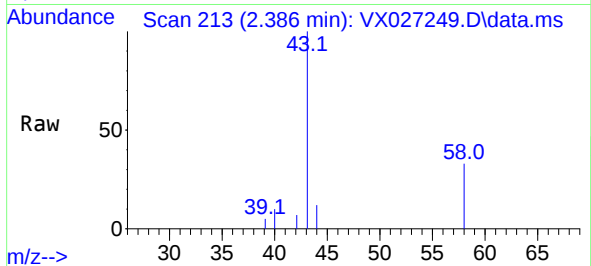




#16
Acetone
Concen: 5.728 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

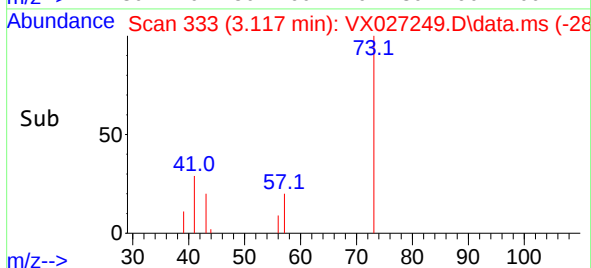
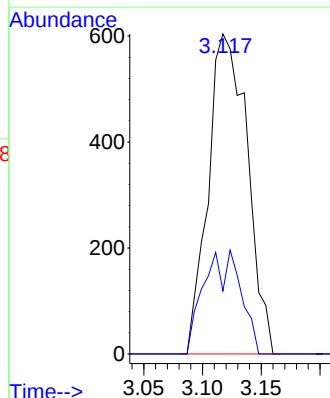
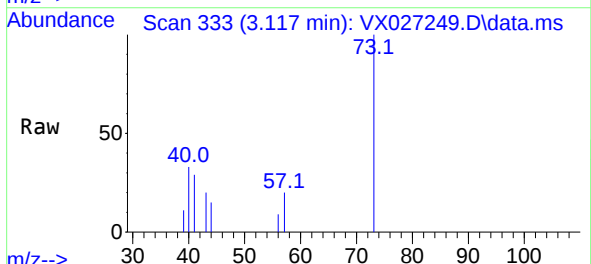
Instrument :
MSVOA_X
ClientSampleId :
MW-30

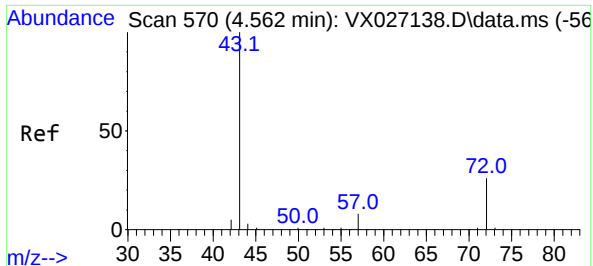
Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
58 33.5 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 0.483 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

Tgt Ion: 73 Resp: 1396
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.2





#25

2-Butanone

Concen: 0.286 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX027249.D

Acq: 01 Mar 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

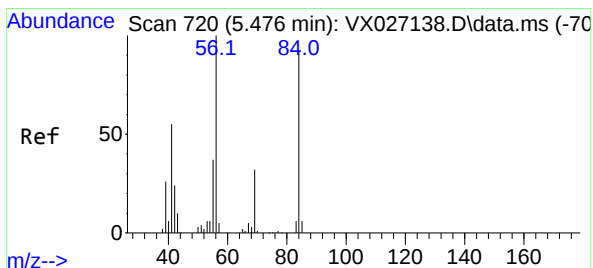
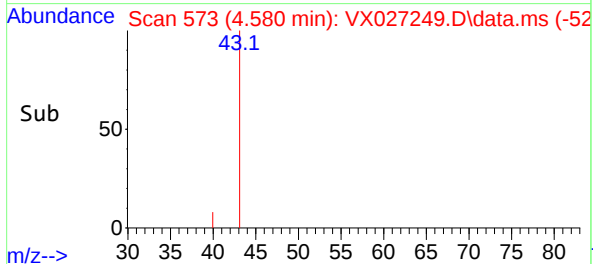
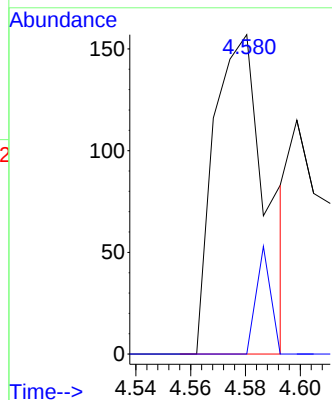
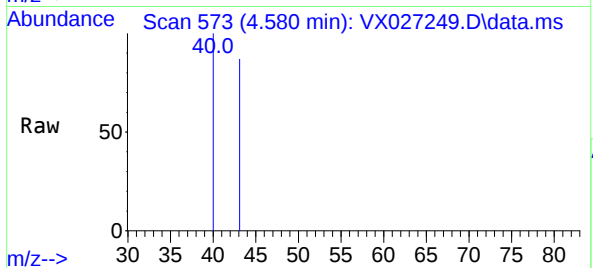
MW-30

Tgt Ion: 43 Resp: 208

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 0.990 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX027249.D

Acq: 01 Mar 2022 15:30

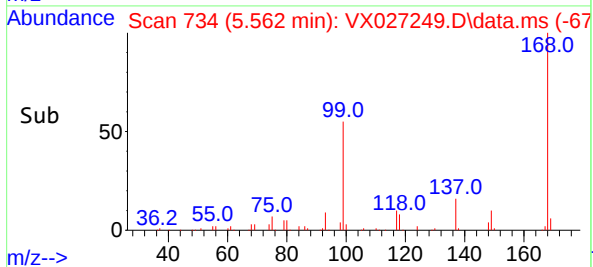
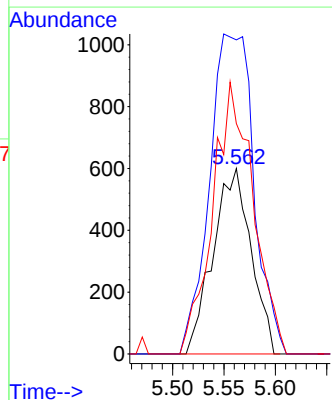
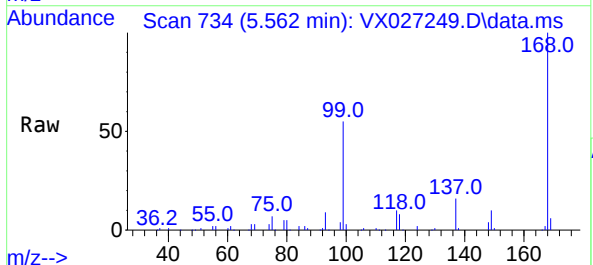
Tgt Ion: 56 Resp: 1542

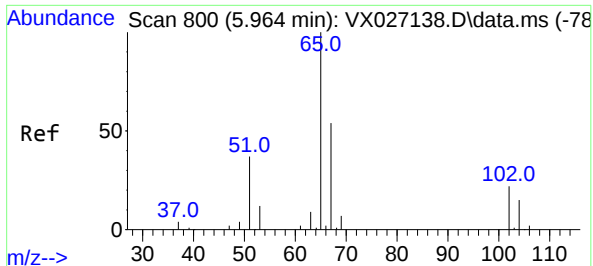
Ion Ratio Lower Upper

56 100

69 169.3 25.8 38.6#

84 124.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.411 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027249.D

Acq: 01 Mar 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

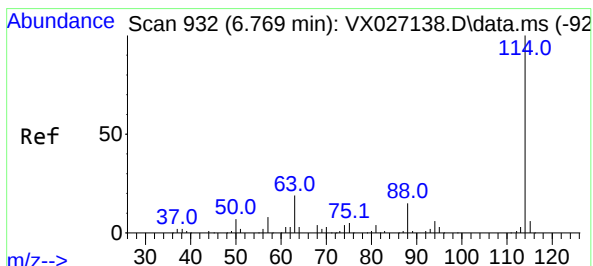
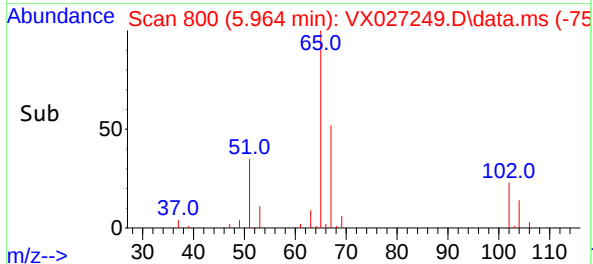
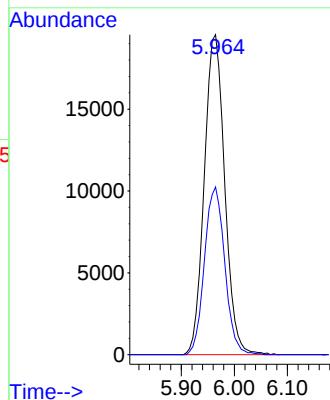
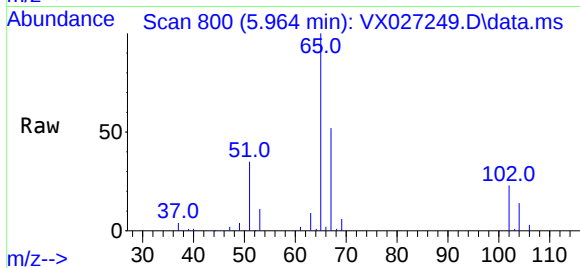
MW-30

Tgt Ion: 65 Resp: 52435

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027249.D

Acq: 01 Mar 2022 15:30

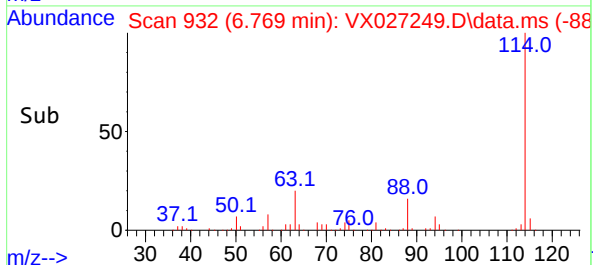
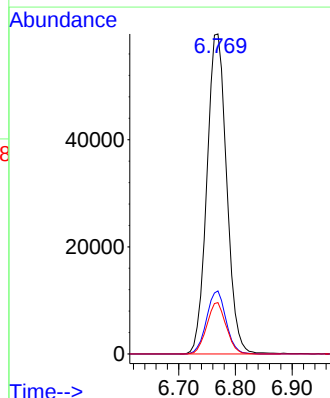
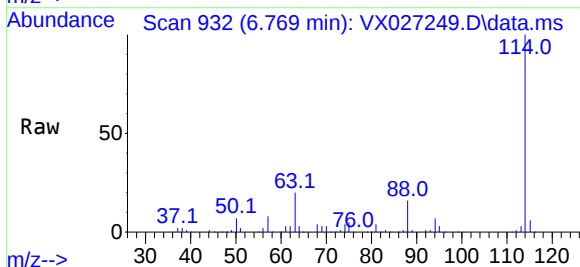
Tgt Ion: 114 Resp: 144789

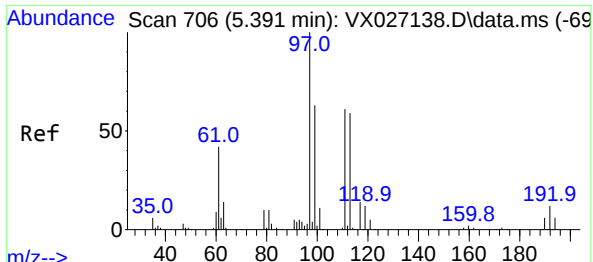
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

88 16.1 0.0 33.0



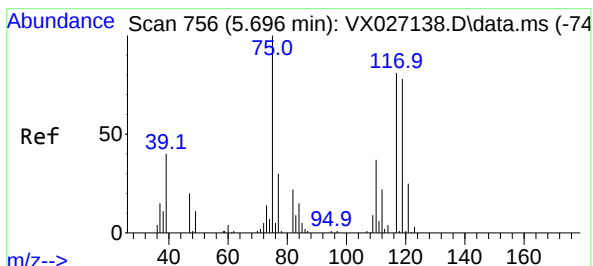
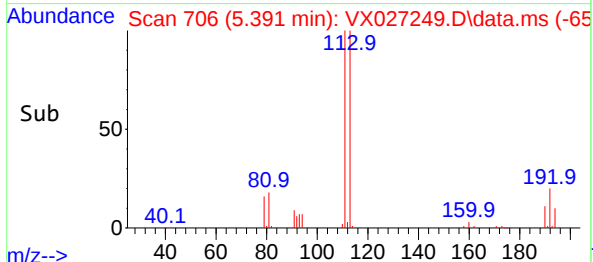
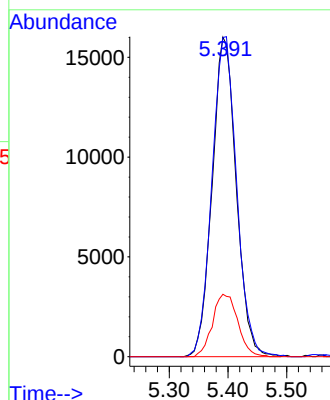
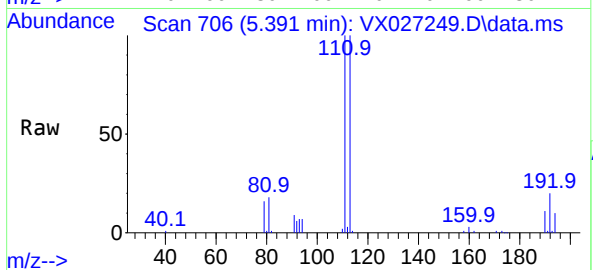


#35
 Dibromofluoromethane
 Concen: 50.722 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027249.D
 Acq: 01 Mar 2022 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Tgt Ion:113 Resp: 45585

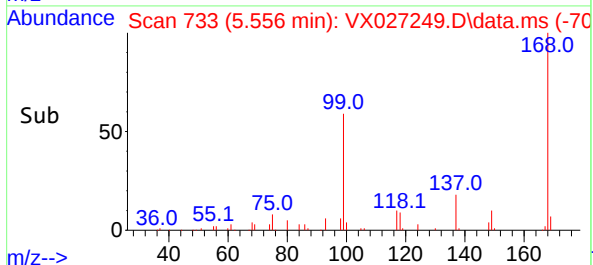
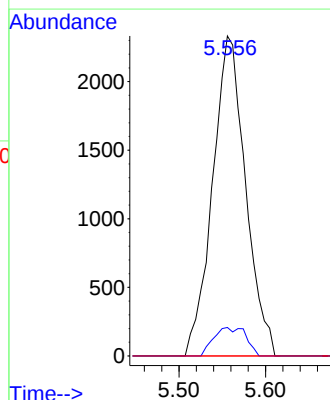
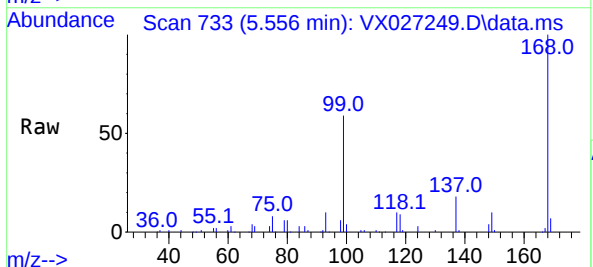
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.2	121.8
192	20.5	15.0	22.4

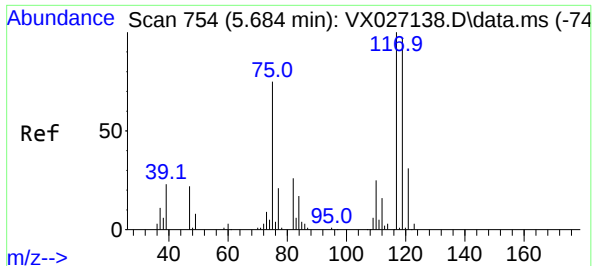


#36
 1,1-Dichloropropene
 Concen: 4.703 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX027249.D
 Acq: 01 Mar 2022 15:30

Tgt Ion: 75 Resp: 6169

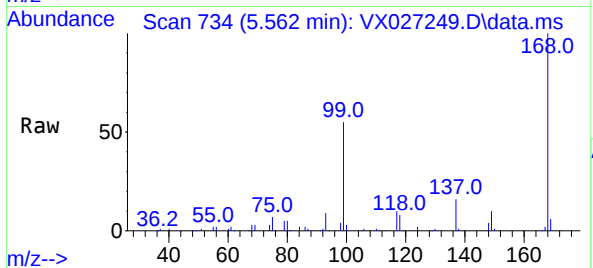
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.2	51.6#
77	0.0	24.6	36.8#



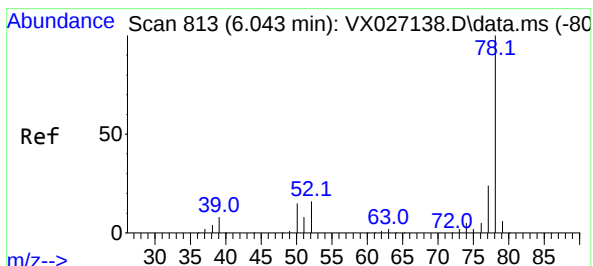
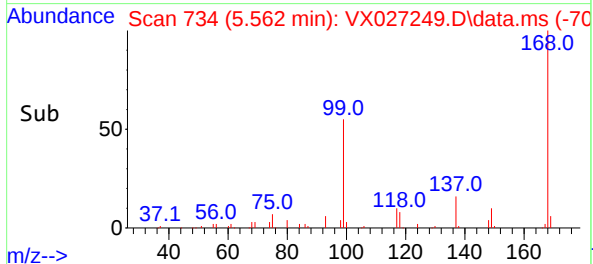
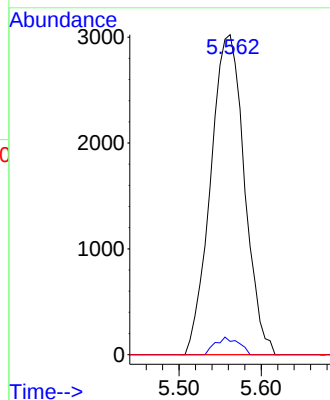


#38
Carbon Tetrachloride
Concen: 6.334 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

Instrument :
MSVOA_X
ClientSampleId :
MW-30

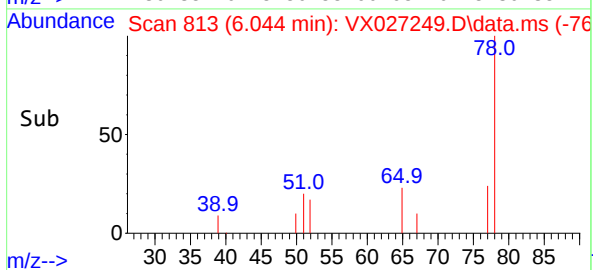
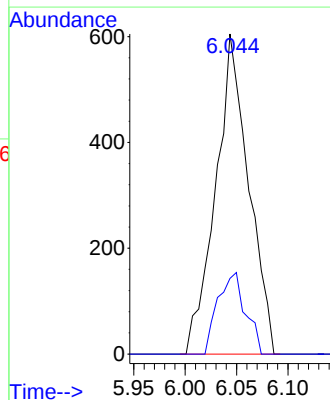
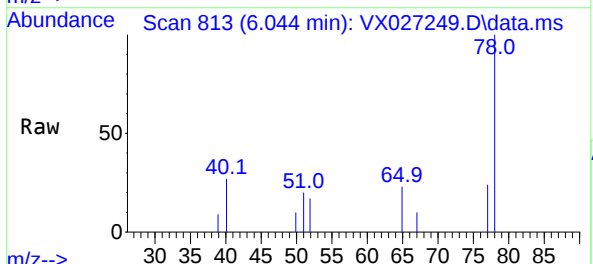


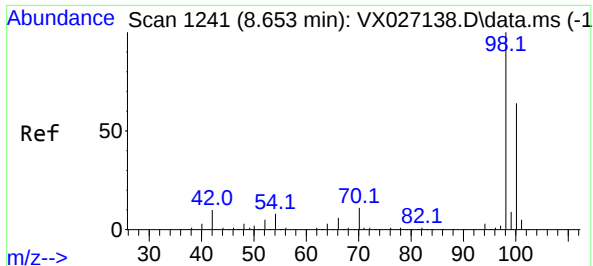
Tgt Ion:117 Resp: 8665
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 0.352 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

Tgt Ion: 78 Resp: 1349
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

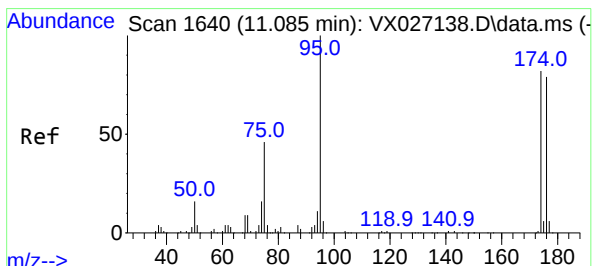
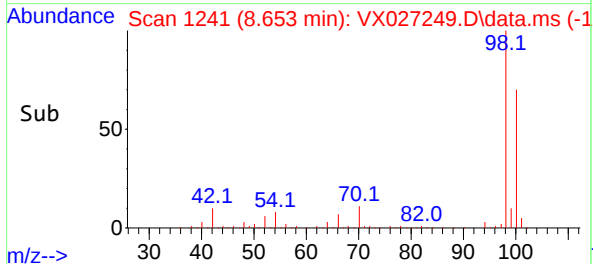
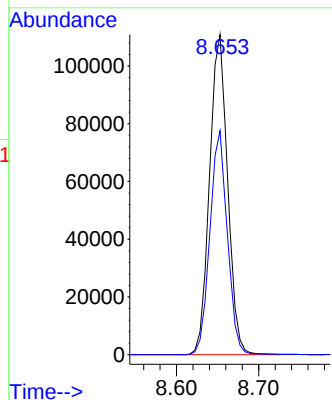
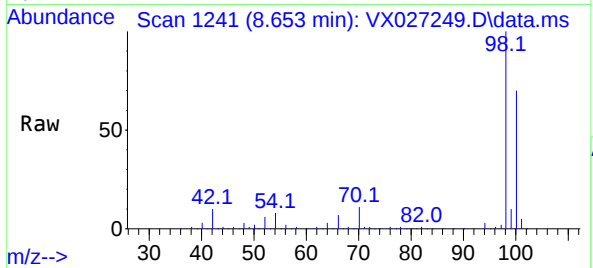




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

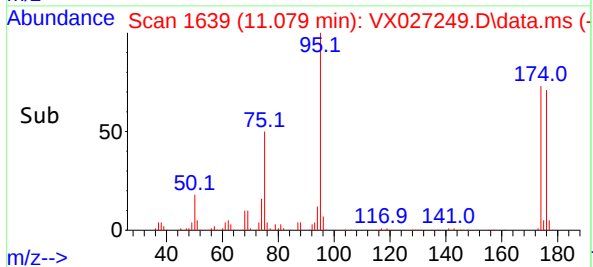
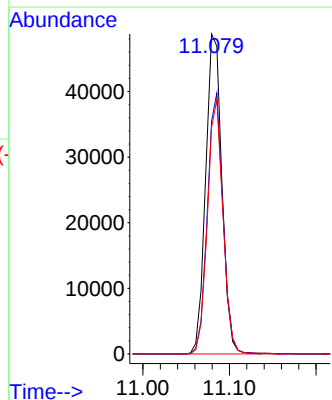
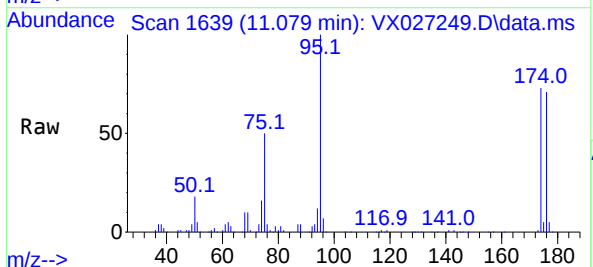
Instrument :
MSVOA_X
ClientSampleId :
MW-30

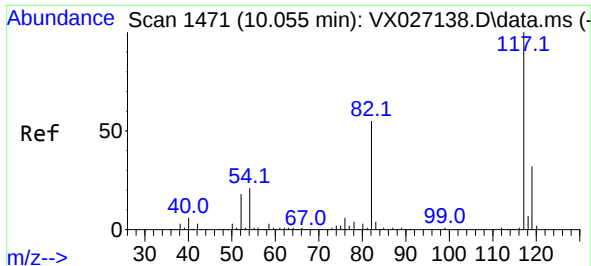
Tgt Ion: 98 Resp: 169143
Ion Ratio Lower Upper
98 100
100 67.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

Tgt Ion: 95 Resp: 63526
Ion Ratio Lower Upper
95 100
174 78.3 0.0 148.6
176 76.2 0.0 141.4

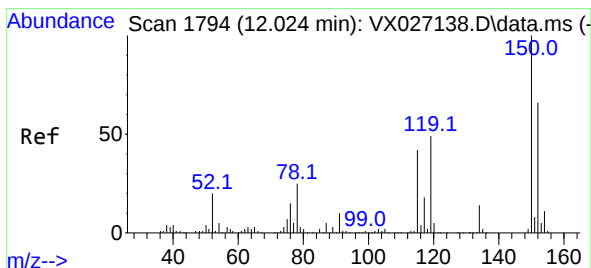
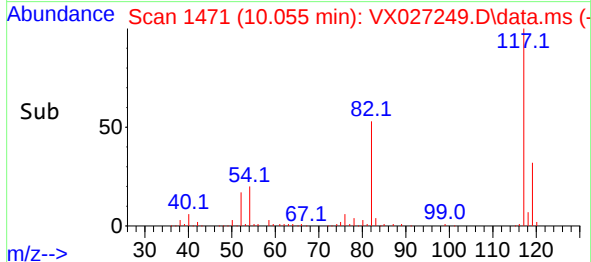
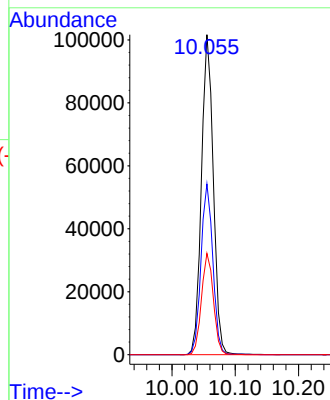
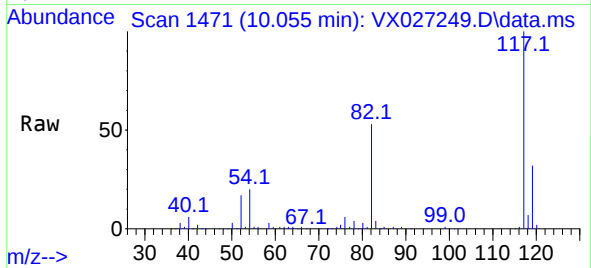




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

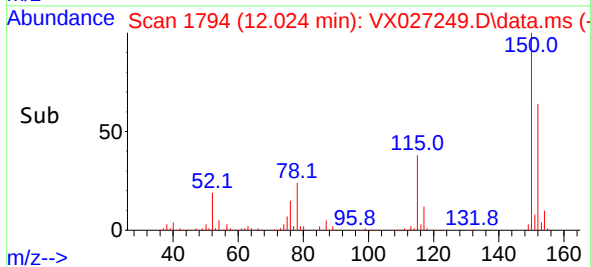
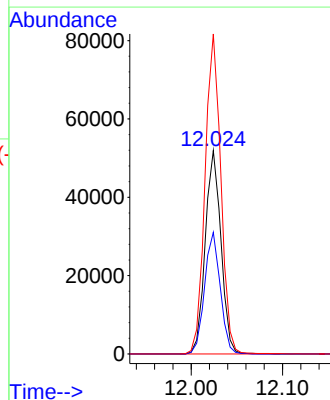
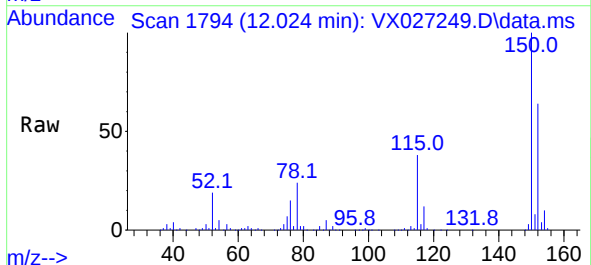
Instrument :
MSVOA_X
ClientSampleId :
MW-30

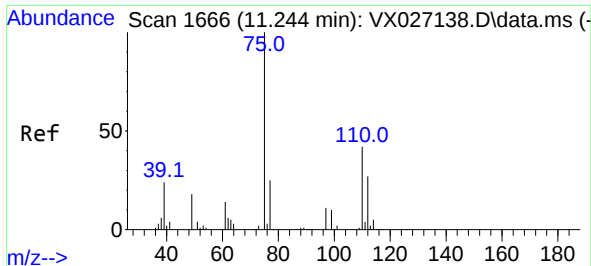
Tgt Ion:117 Resp: 133080
Ion Ratio Lower Upper
117 100
82 53.4 45.2 67.8
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

Tgt Ion:152 Resp: 62022
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 158.0 0.0 348.2

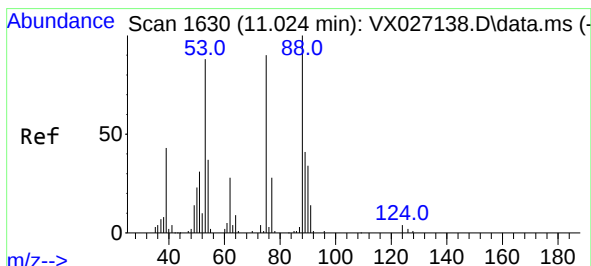
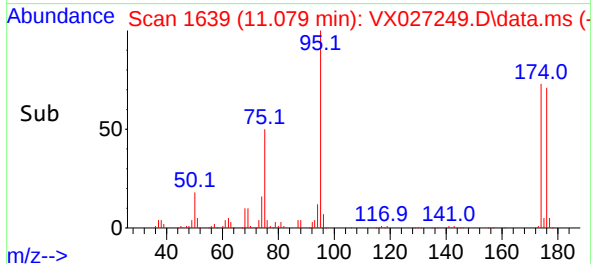
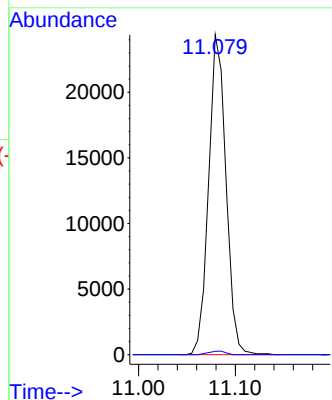
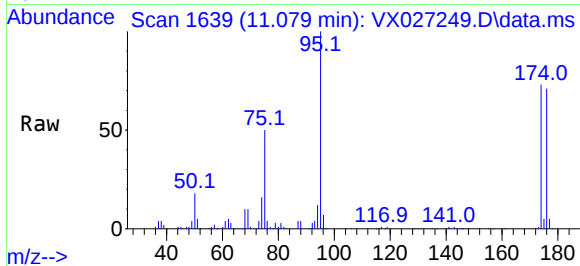




#76
1,2,3-Trichloropropane
Concen: 24.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

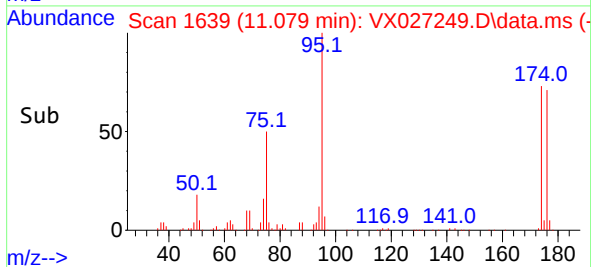
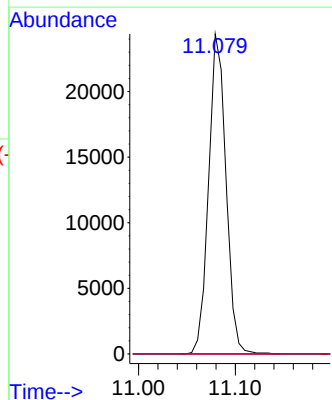
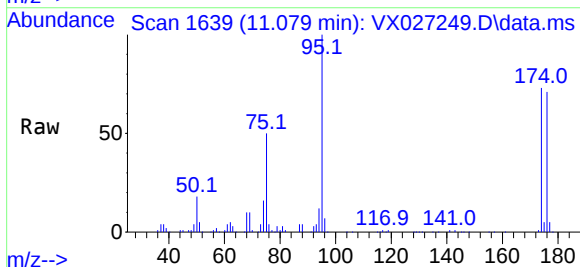
Instrument :
MSVOA_X
ClientSampleId :
MW-30

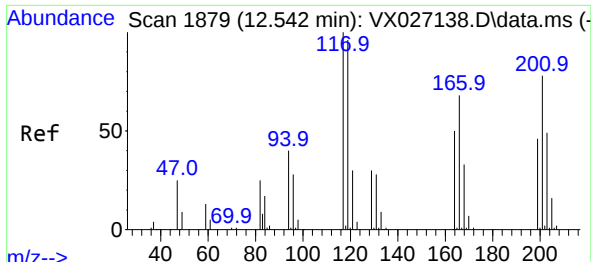
Tgt Ion: 75 Resp: 30491
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027249.D
Acq: 01 Mar 2022 15:30

Tgt Ion: 75 Resp: 30491
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#90
 Hexachloroethane
 Concen: 0.285 ug/l
 RT: 12.695 min Scan# 1904
 Delta R.T. 0.153 min
 Lab File: VX027249.D
 Acq: 01 Mar 2022 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Tgt Ion:117 Resp: 171
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.6 106.8#

