

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027912.D
 Acq On : 02 Apr 2022 03:59
 Operator : JC/MD
 Sample : N2204-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Apr 02 07:34:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

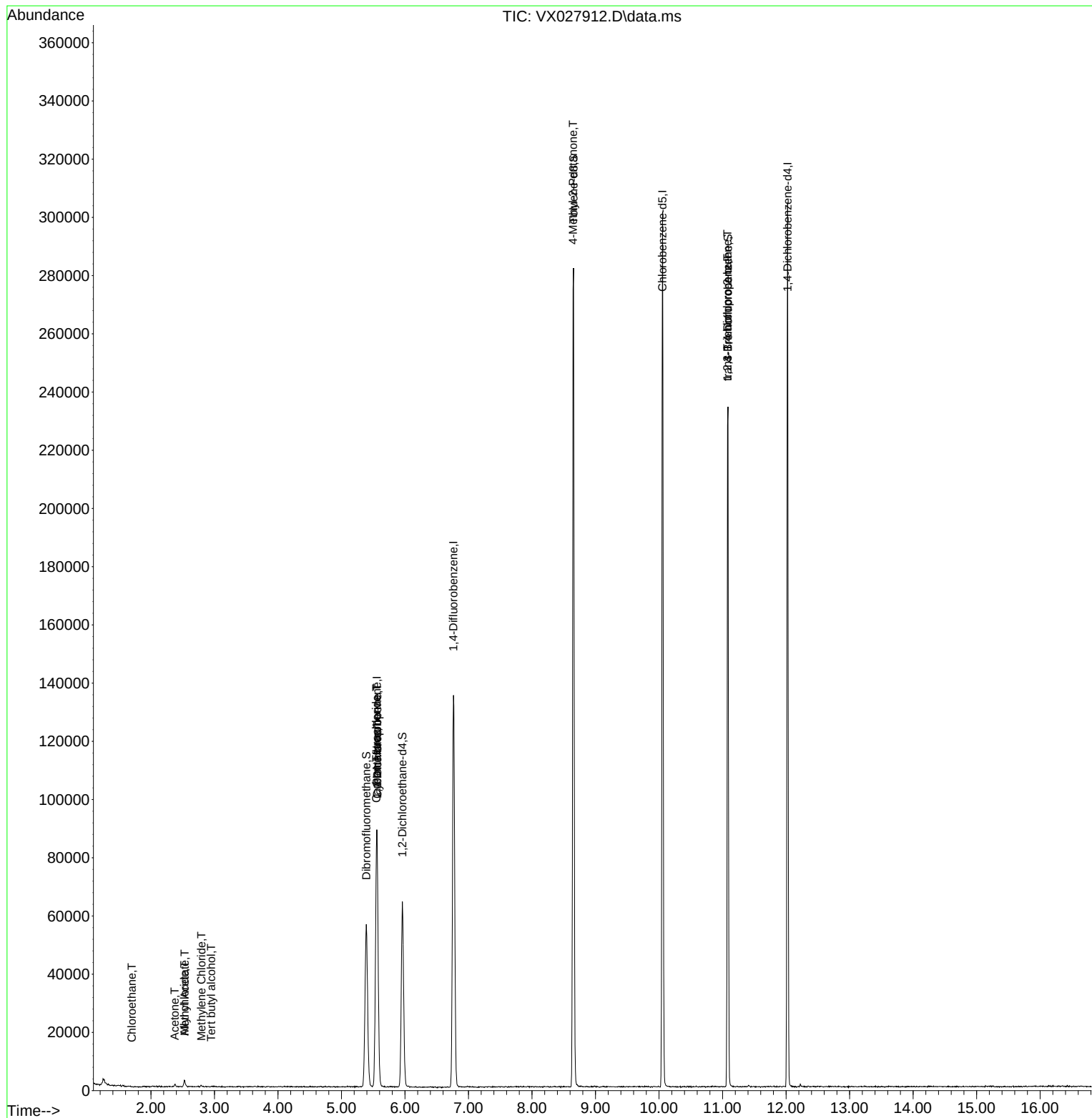
Internal Standards						
1) Pentafluorobenzene	5.556	168	77958	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61670	61.310	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 122.620%		
35) Dibromofluoromethane	5.391	113	46905	51.588	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 103.180%		
50) Toluene-d8	8.653	98	167163	52.254	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 104.500%		
62) 4-Bromofluorobenzene	11.085	95	65601	48.255	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 96.500%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	153	0.355	ug/l	# 43
11) Tert butyl alcohol	2.947	59	63	0.326	ug/l	# 72
14) Allyl chloride	2.526	41	266	0.216	ug/l	# 72
16) Acetone	2.373	43	809	1.817	ug/l	# 74
18) Methyl Acetate	2.532	43	696	0.634	ug/l	# 46
20) Methylene Chloride	2.794	84	202	0.252	ug/l	# 63
31) Cyclohexane	5.562	56	1774	1.595	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6923	6.045	ug/l	# 48
38) Carbon Tetrachloride	5.550	117	8708	6.883	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	776	0.492	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	36204	27.709	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	36204	80.977	ug/l	# 15

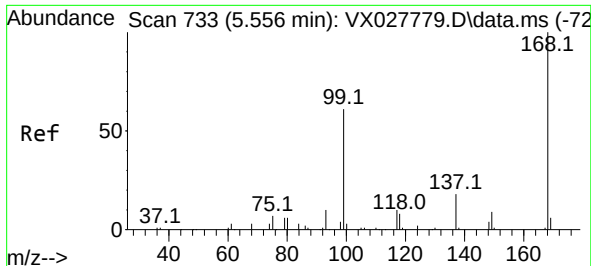
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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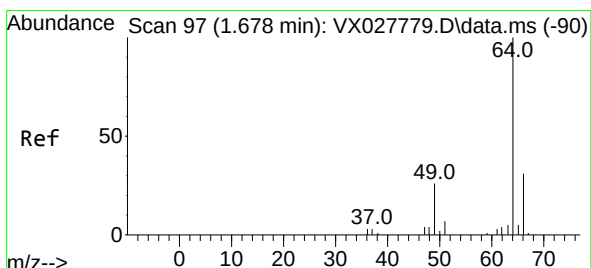
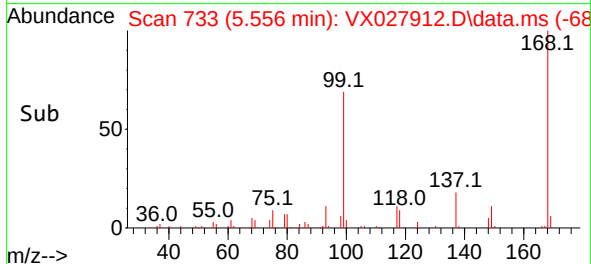
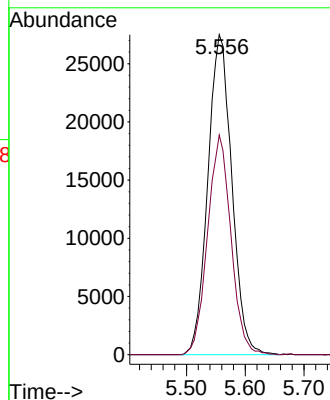
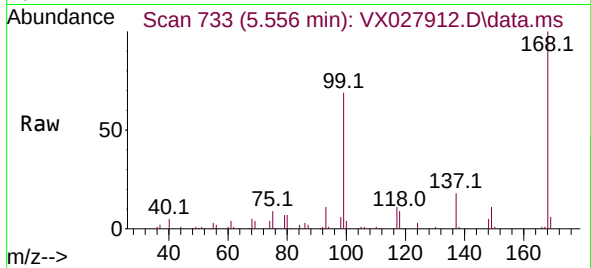




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

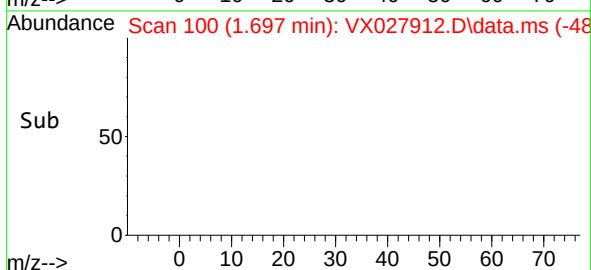
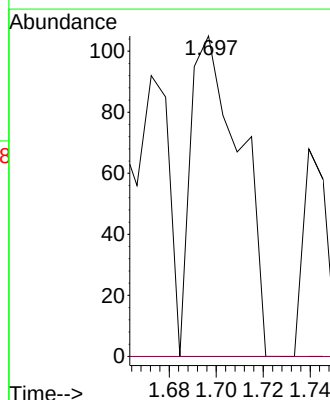
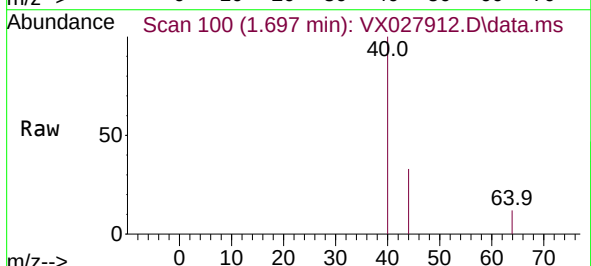
Instrument :
MSVOA_X
ClientSampleId :
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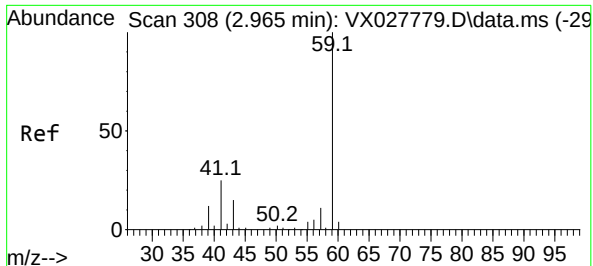
Tgt Ion:168 Resp: 77958
Ion Ratio Lower Upper
168 100
99 68.6 41.7 62.5#



#6
Chloroethane
Concen: 0.355 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

Tgt Ion: 64 Resp: 153
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.326 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX027912.D

Acq: 02 Apr 2022 03:59

Instrument :

MSVOA_X

ClientSampleId :

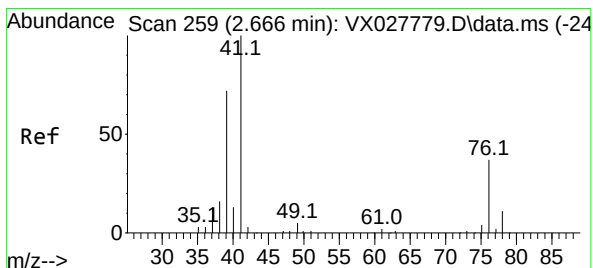
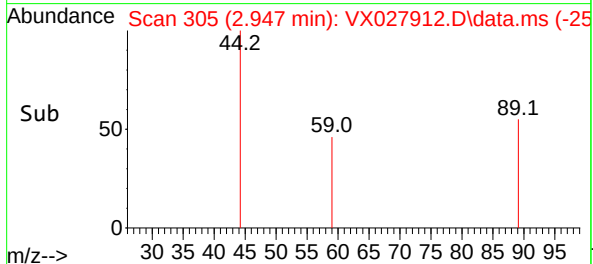
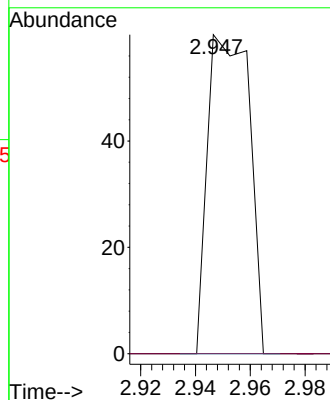
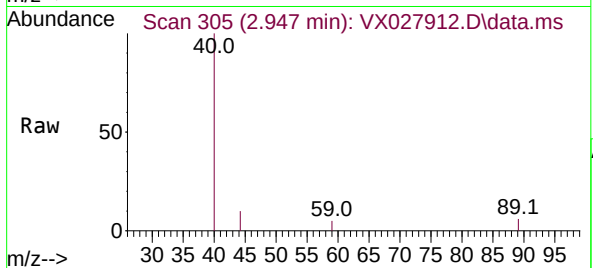
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Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.216 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027912.D

Acq: 02 Apr 2022 03:59

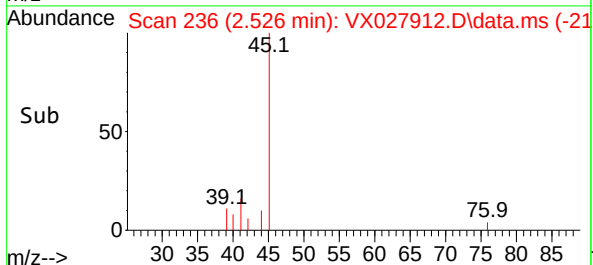
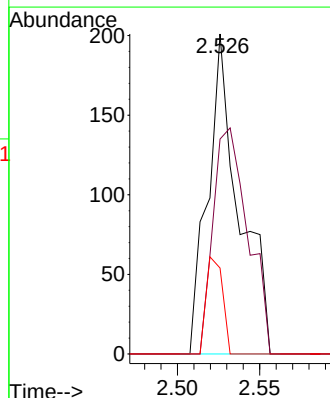
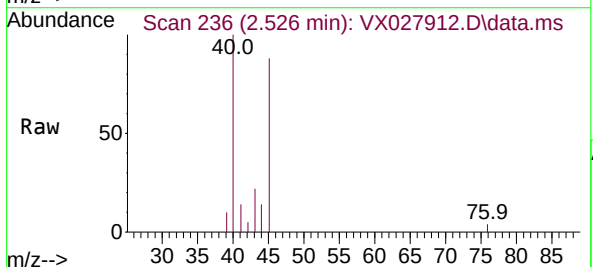
Tgt Ion: 41 Resp: 266

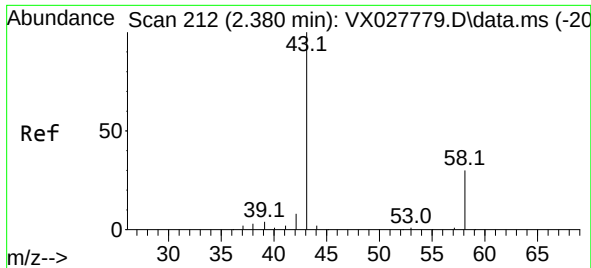
Ion Ratio Lower Upper

41 100

39 78.6 50.4 75.6#

76 15.8 32.7 49.1#

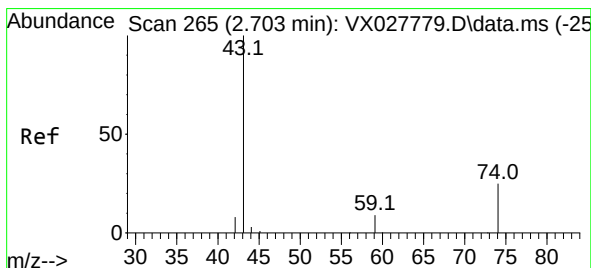
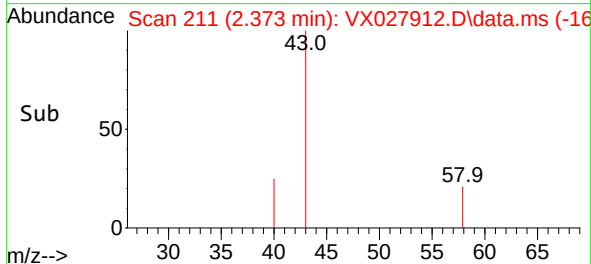
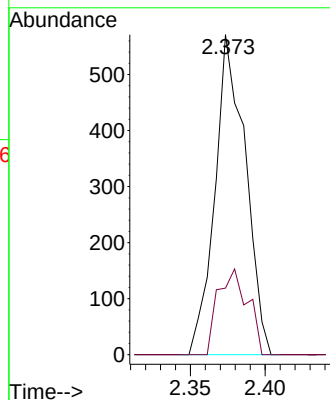
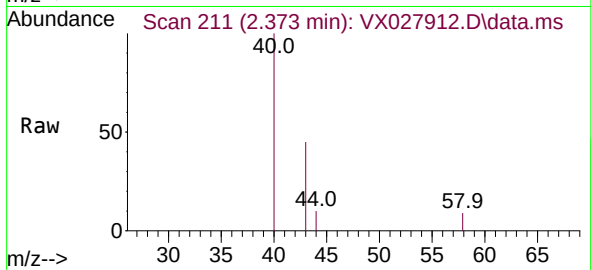




#16
Acetone
Concen: 1.817 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

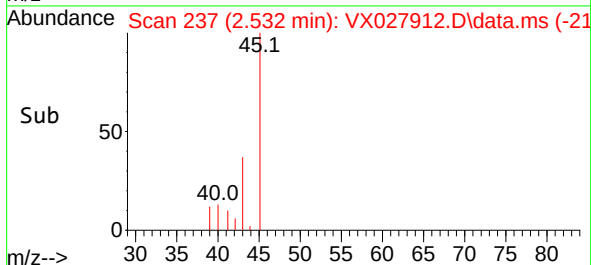
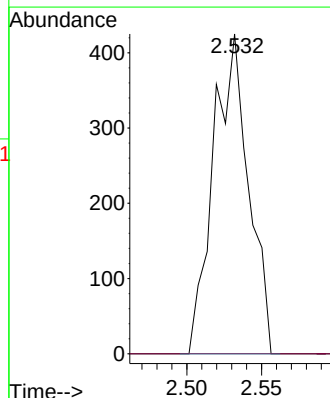
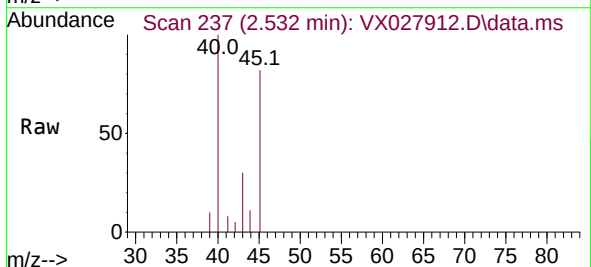
Instrument :
MSVOA_X
ClientSampleId :
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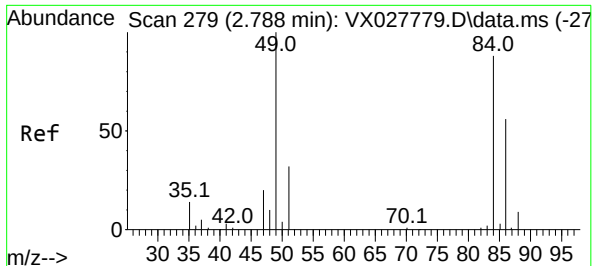
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 20.8 28.8 43.2#



#18
Methyl Acetate
Concen: 0.634 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#20

Methylene Chloride

Concen: 0.252 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027912.D

Acq: 02 Apr 2022 03:59

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

Tgt Ion: 84 Resp: 202

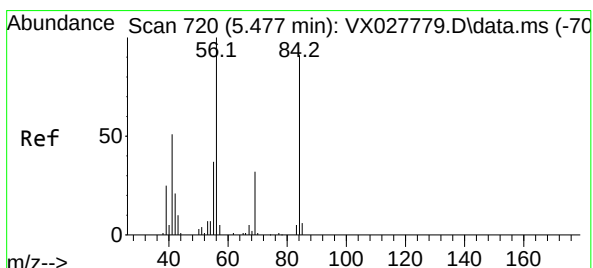
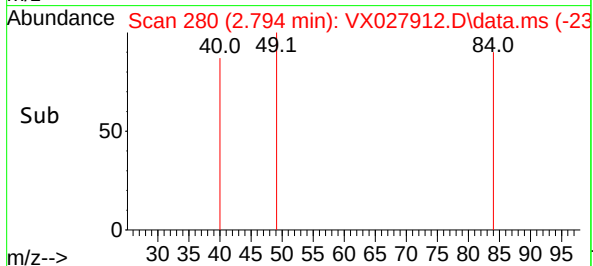
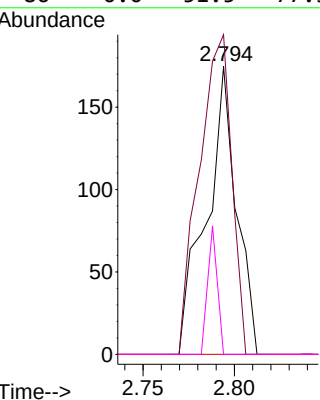
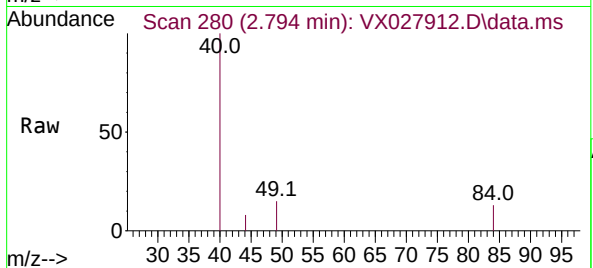
Ion Ratio Lower Upper

84 100

49 110.9 85.5 128.3

51 0.0 26.6 39.8#

86 0.0 51.5 77.3#



#31

Cyclohexane

Concen: 1.595 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX027912.D

Acq: 02 Apr 2022 03:59

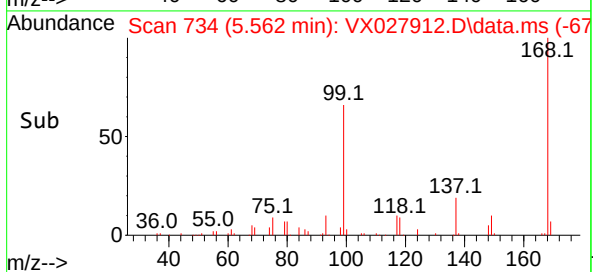
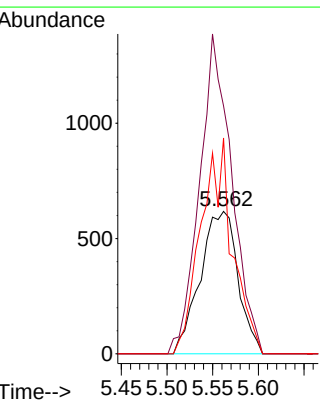
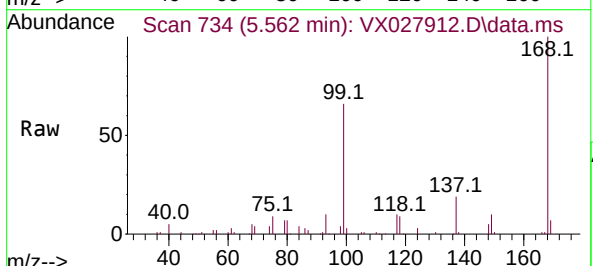
Tgt Ion: 56 Resp: 1774

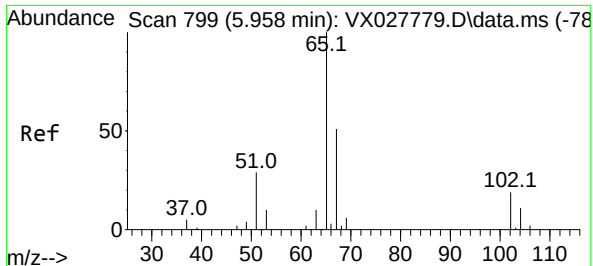
Ion Ratio Lower Upper

56 100

69 173.9 26.7 40.1#

84 151.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 61.310 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027912.D

Acq: 02 Apr 2022 03:59

Instrument :

MSVOA_X

ClientSampleId :

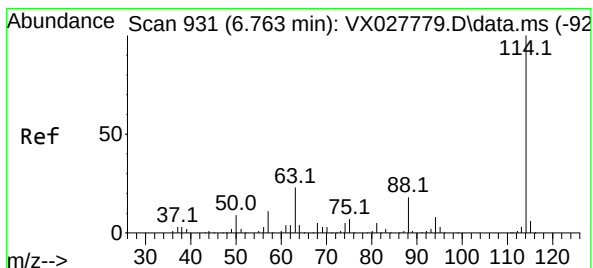
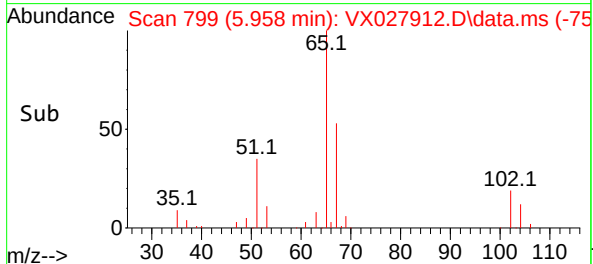
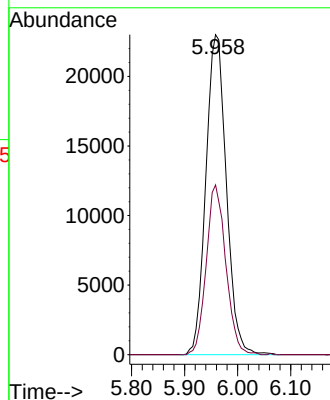
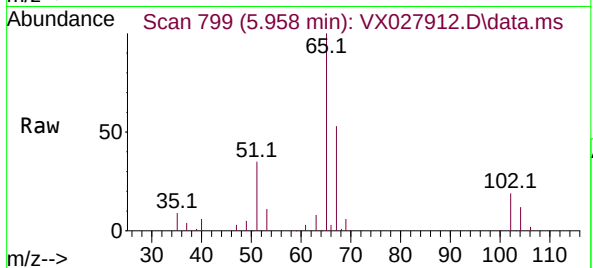
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Tgt Ion: 65 Resp: 61670

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027912.D

Acq: 02 Apr 2022 03:59

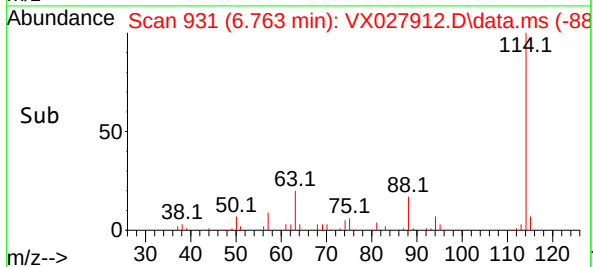
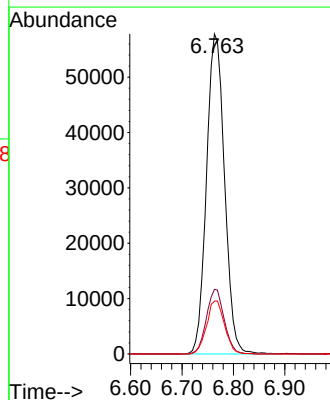
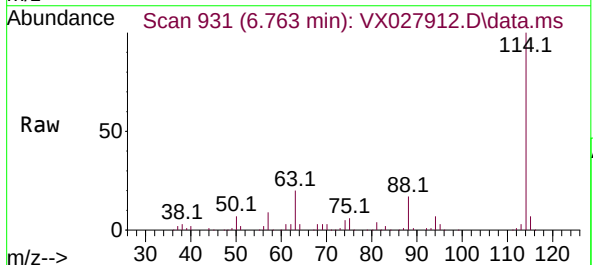
Tgt Ion: 114 Resp: 140860

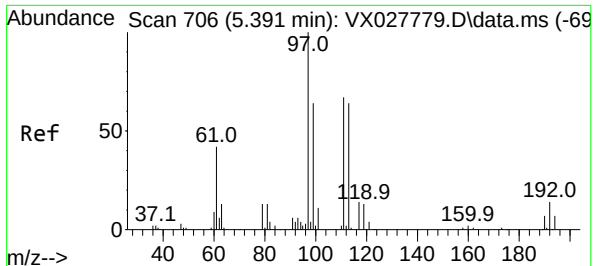
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.5 0.0 32.4

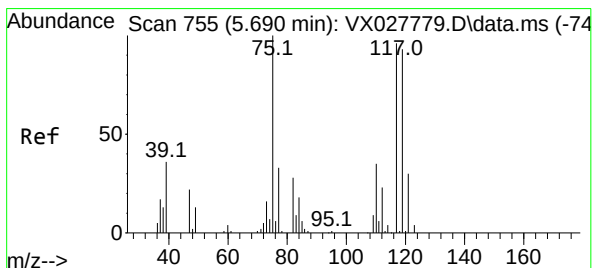
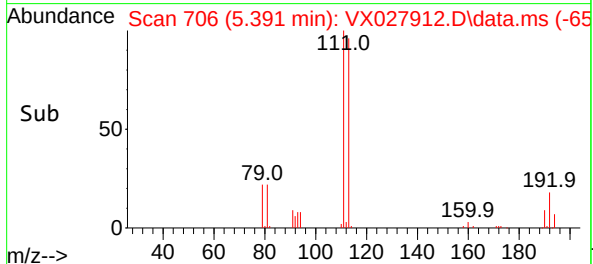
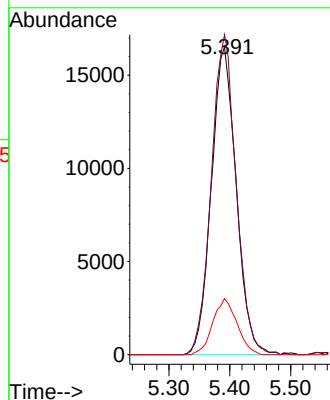
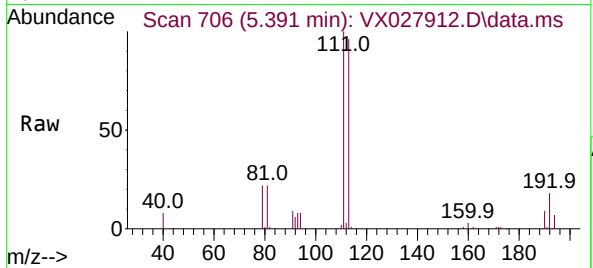




#35
Dibromofluoromethane
Concen: 51.588 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

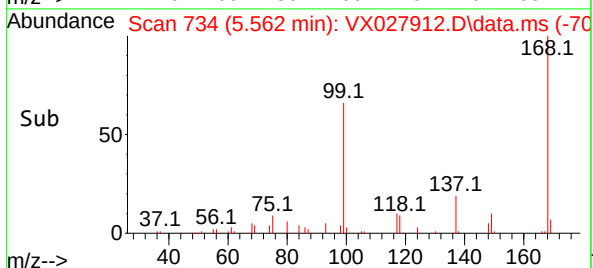
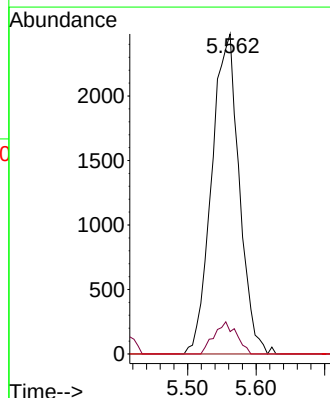
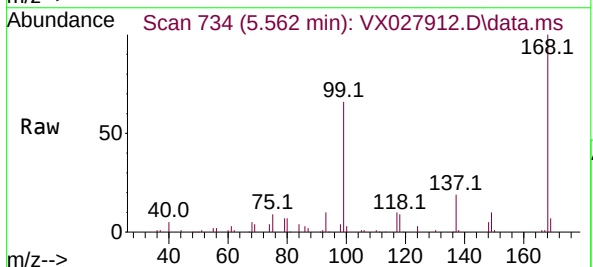
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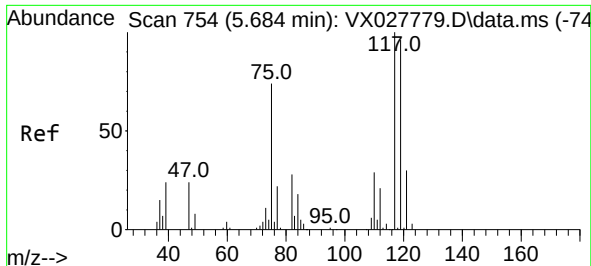
Tgt Ion:113 Resp: 46905
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 17.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.045 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

Tgt Ion: 75 Resp: 6923
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 24.8 37.2#

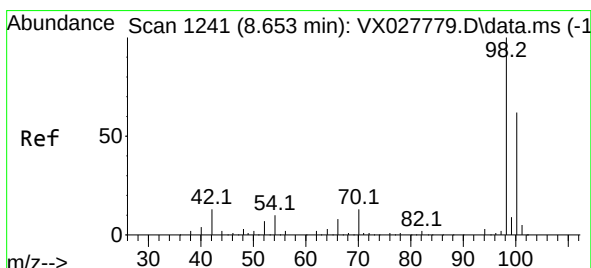
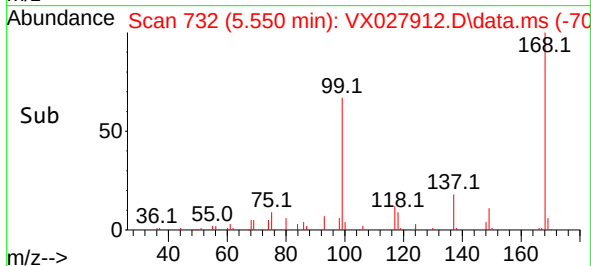
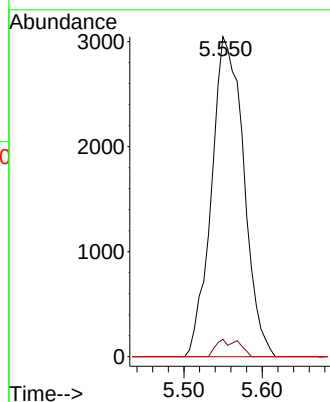
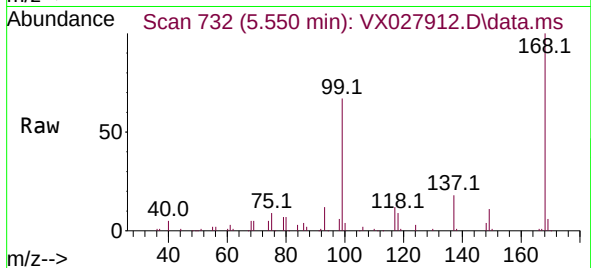




#38
Carbon Tetrachloride
Concen: 6.883 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

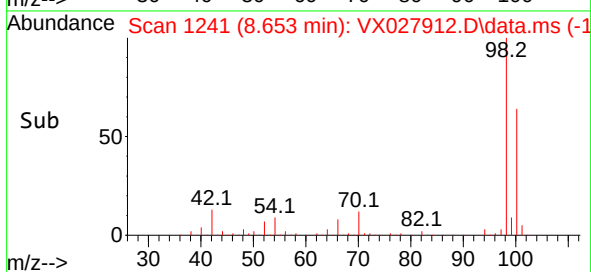
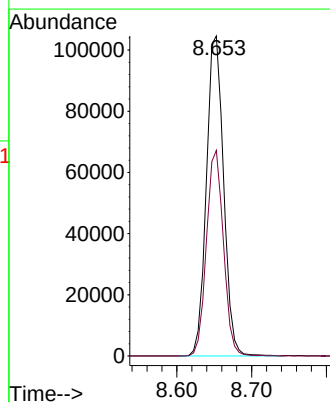
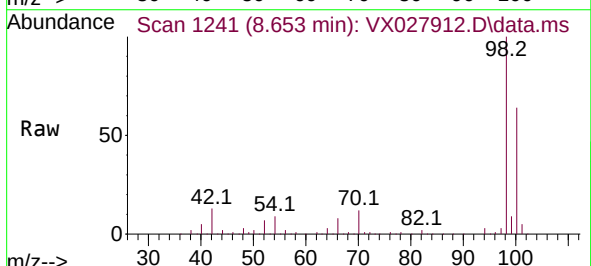
Instrument :
MSVOA_X
ClientSampleId :
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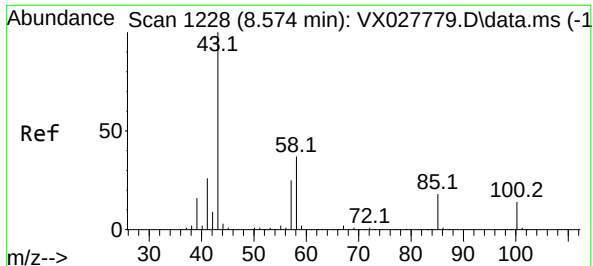
Tgt Ion:117 Resp: 8708
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.254 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

Tgt Ion: 98 Resp: 167163
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8

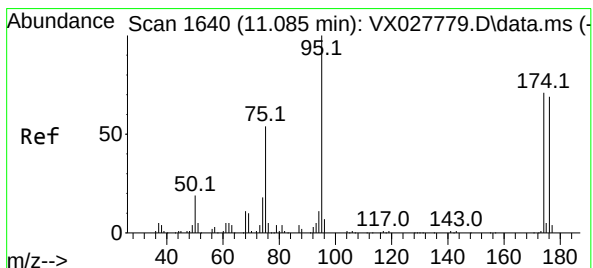
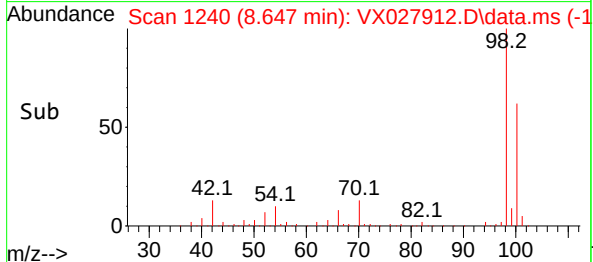
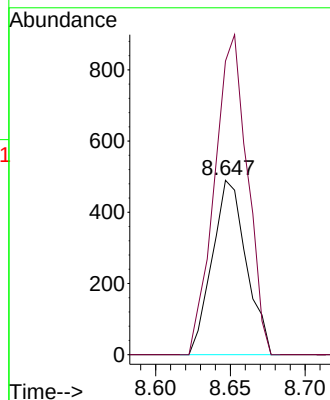
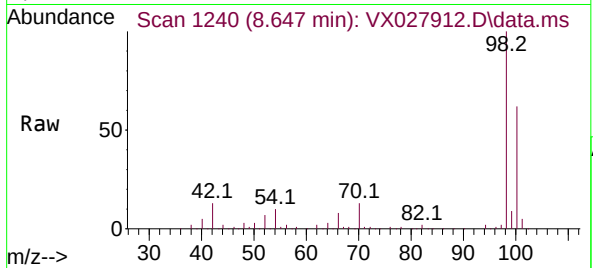




#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

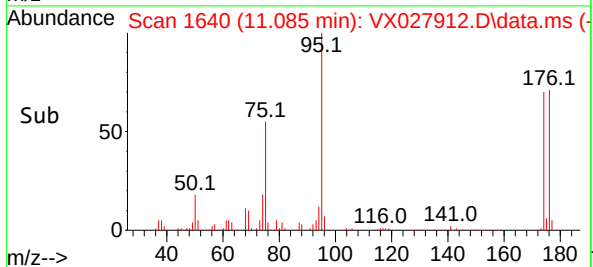
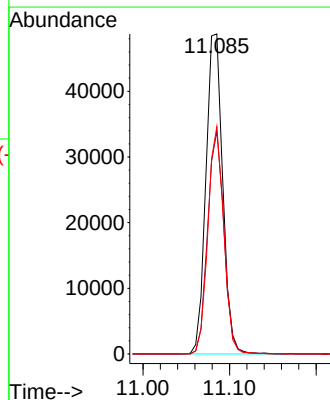
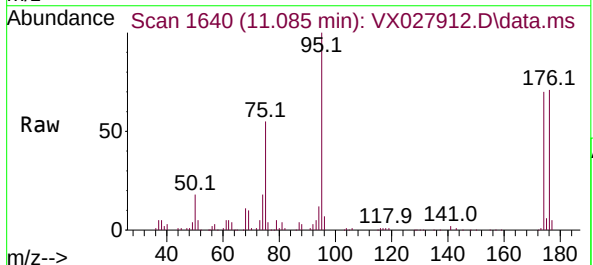
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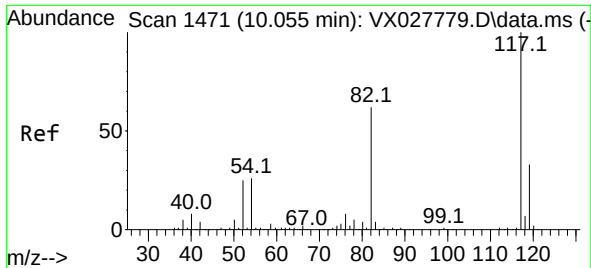
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 177.2 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.255 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

Tgt Ion: 95 Resp: 65601
Ion Ratio Lower Upper
95 100
174 67.7 0.0 163.0
176 66.7 0.0 155.0

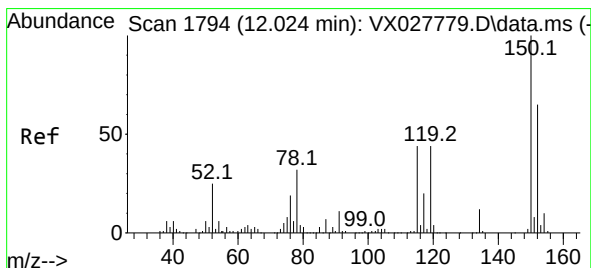
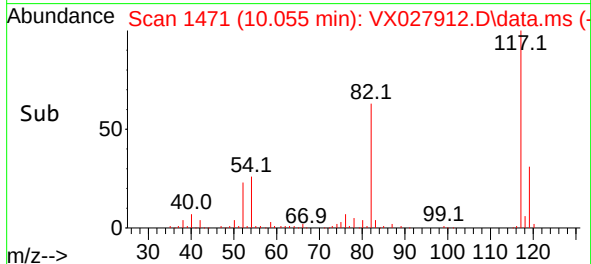
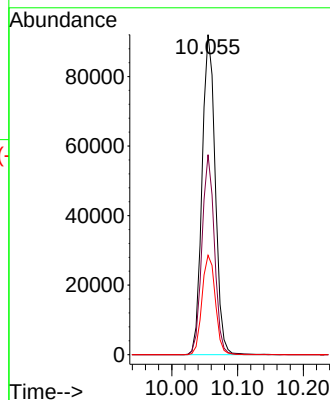
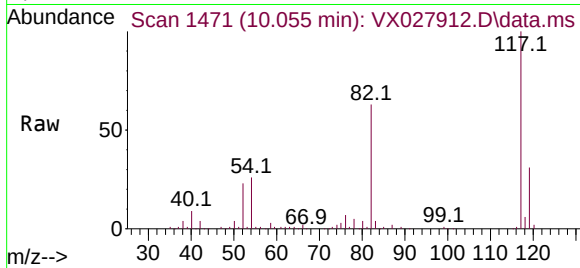




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

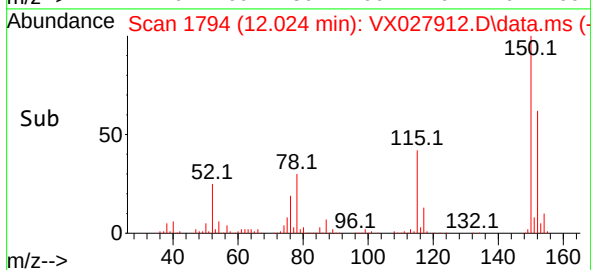
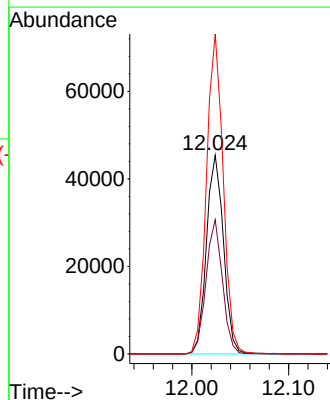
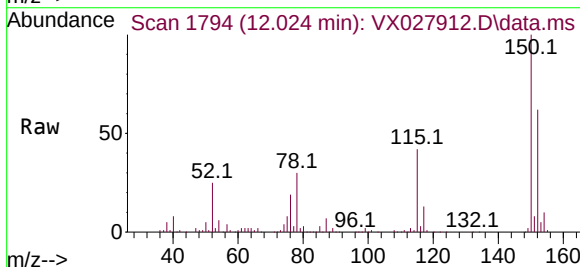
Instrument :
MSVOA_X
ClientSampleId :
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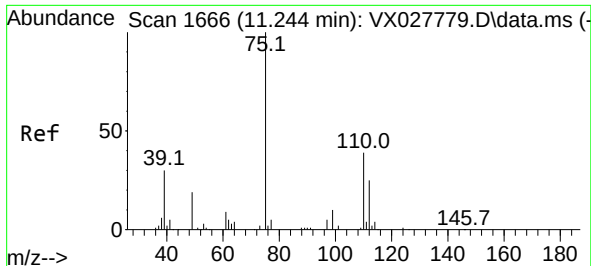
Tgt Ion:117 Resp: 128046
Ion Ratio Lower Upper
117 100
82 62.5 41.8 62.8
119 31.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

Tgt Ion:152 Resp: 55698
Ion Ratio Lower Upper
152 100
115 65.4 37.5 112.7
150 157.9 0.0 338.2

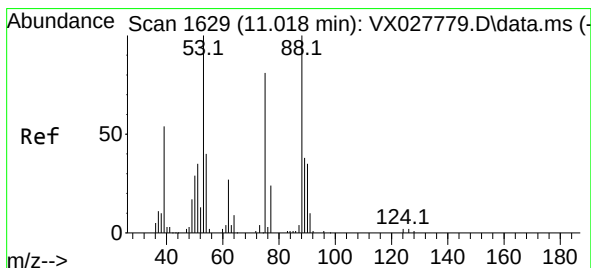
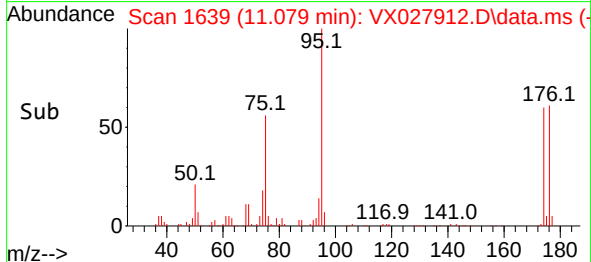
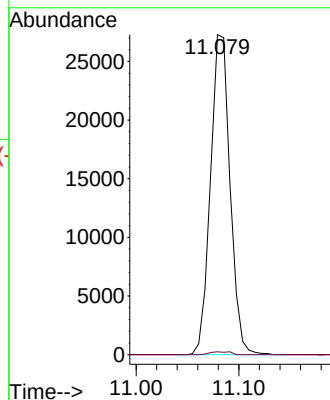
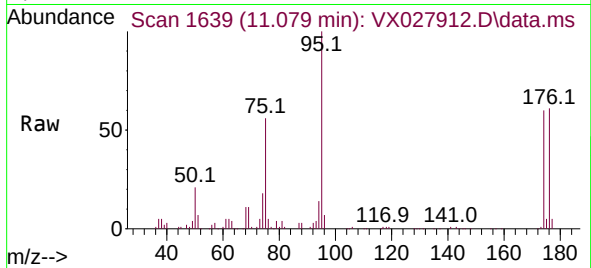




#76
1,2,3-Trichloropropane
Concen: 27.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 36204
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027912.D
Acq: 02 Apr 2022 03:59

Tgt Ion: 75 Resp: 36204
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

