

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032238.D
 Acq On : 20 Oct 2022 03:46
 Operator : JC/MD
 Sample : N4894-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 20 05:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

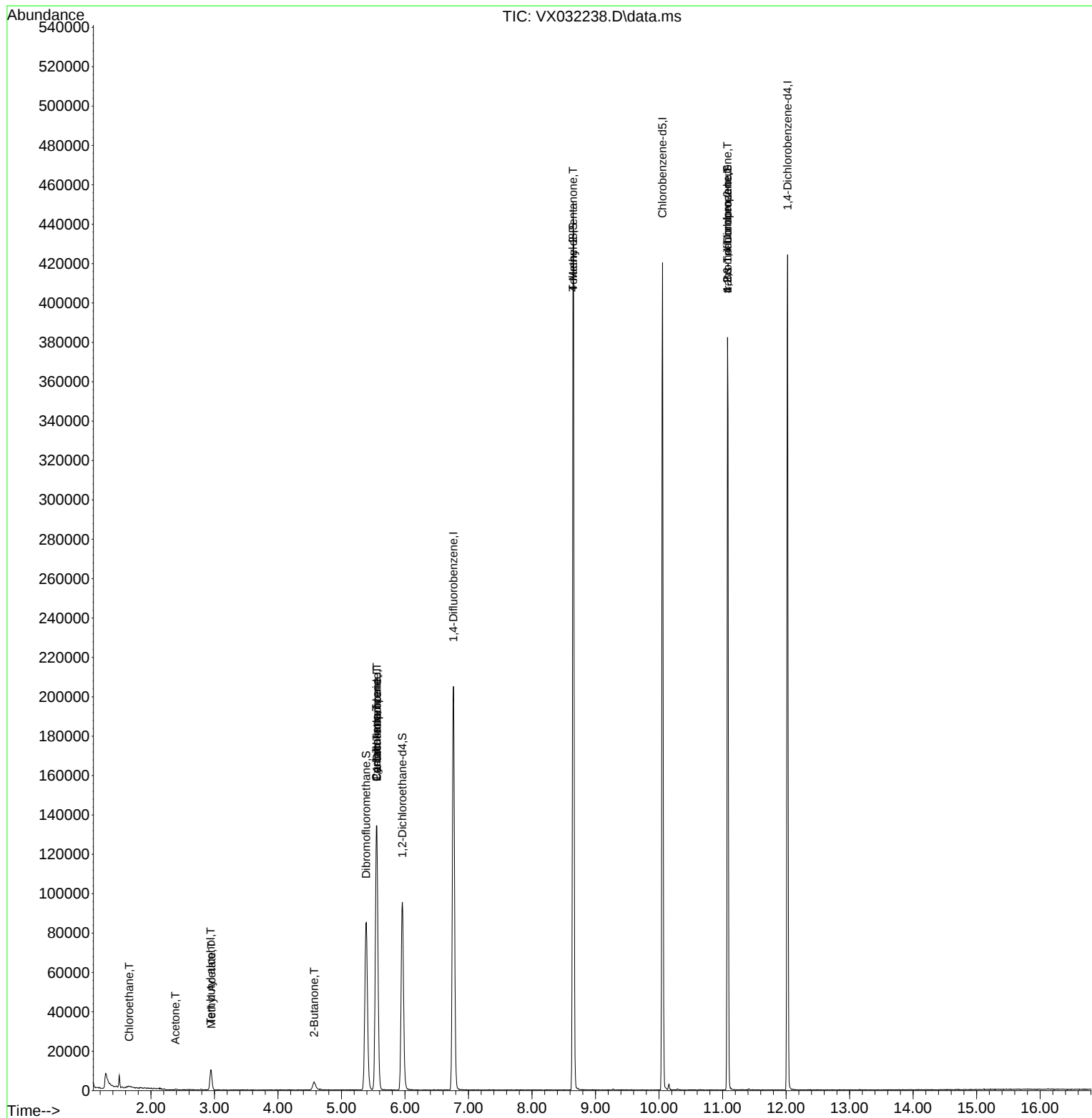
Internal Standards						
1) Pentafluorobenzene	5.556	168	128735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97733	58.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.720%	
35) Dibromofluoromethane	5.385	113	74404	51.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	8.647	98	270691	51.972	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	11.079	95	96846	50.778	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	523	Below Cal	#	44
6) Chloroethane	1.654	64	125	2.047	ug/l #	41
11) Tert butyl alcohol	2.940	59	6235	3.682	ug/l #	76
16) Acetone	2.386	43	676	1.244	ug/l #	81
18) Methyl Acetate	2.953	43	1029	0.558	ug/l #	50
25) 2-Butanone	4.568	43	238	0.280	ug/l #	48
31) Cyclohexane	5.550	56	2871	1.500	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	9963	5.353	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13493	6.867	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1324	0.738	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52450	31.387	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	52450	95.921	ug/l #	6

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

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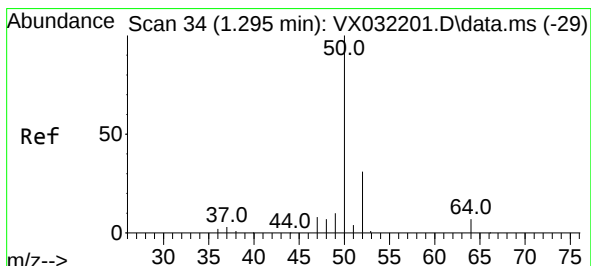
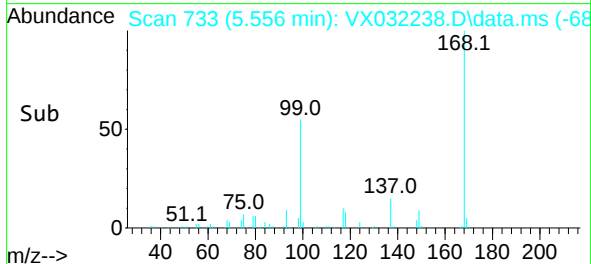
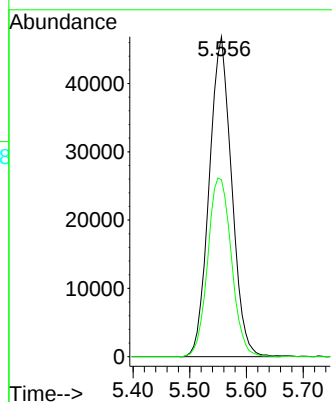
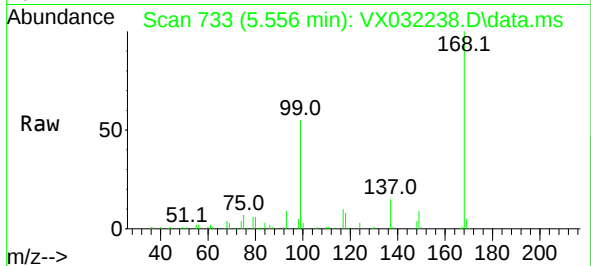




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

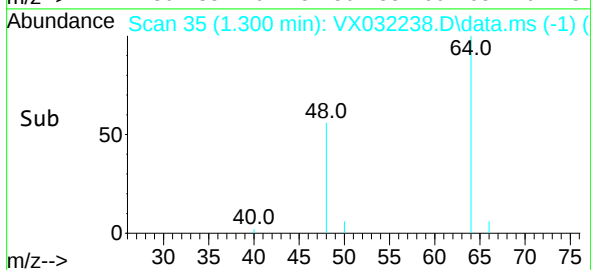
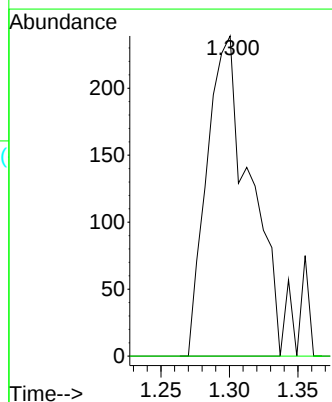
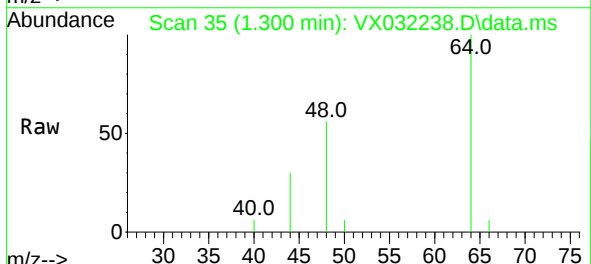
Instrument :
MSVOA_X
ClientSampleId :
MW-1

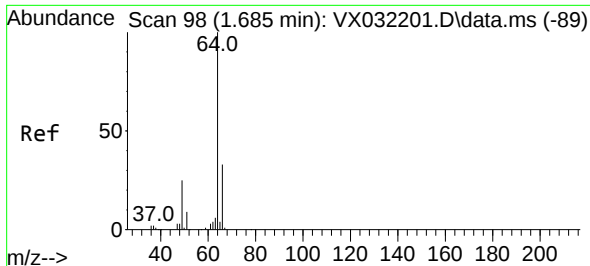
Tgt Ion:168 Resp: 128735
Ion Ratio Lower Upper
168 100
99 55.2 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

Tgt Ion: 50 Resp: 523
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

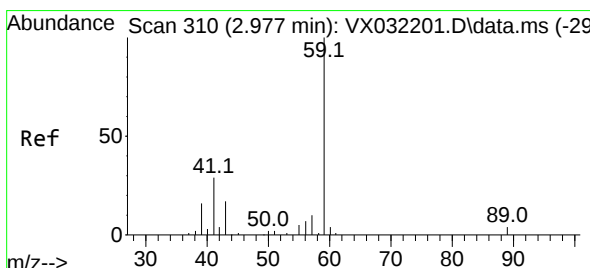
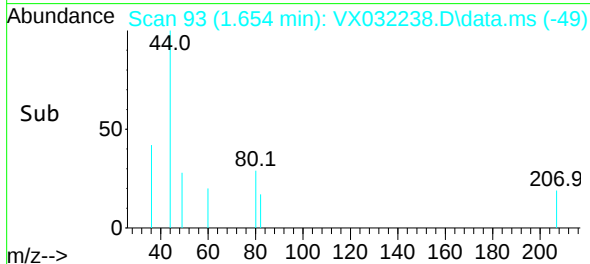
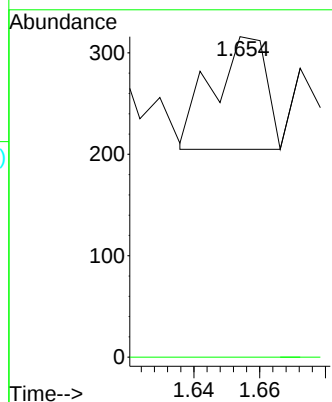
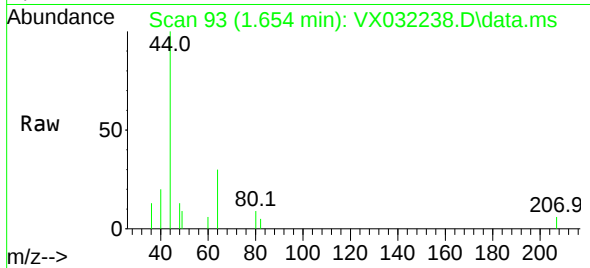




#6
Chloroethane
Concen: 2.047 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

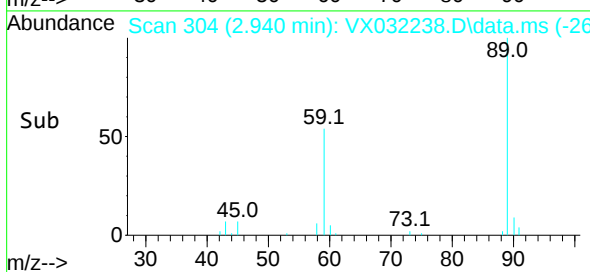
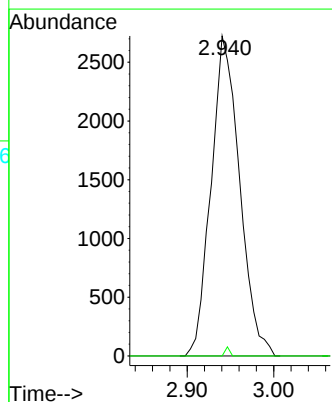
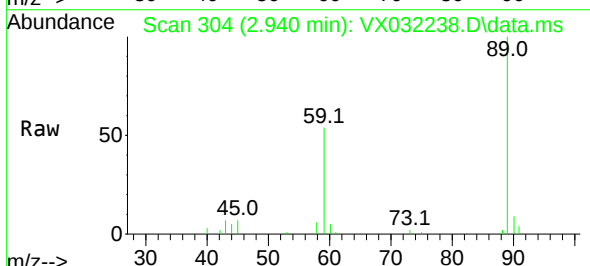
Instrument :
MSVOA_X
ClientSampleId :
MW-1

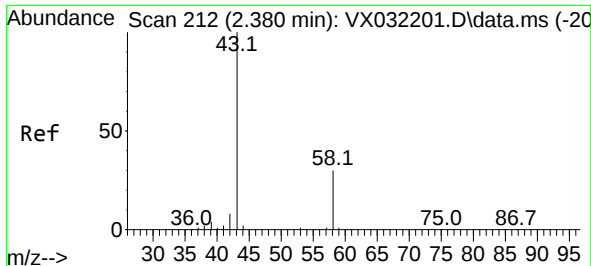
Tgt Ion: 64 Resp: 125
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 3.682 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

Tgt Ion: 59 Resp: 6235
Ion Ratio Lower Upper
59 100
57 0.5 7.5 11.3#

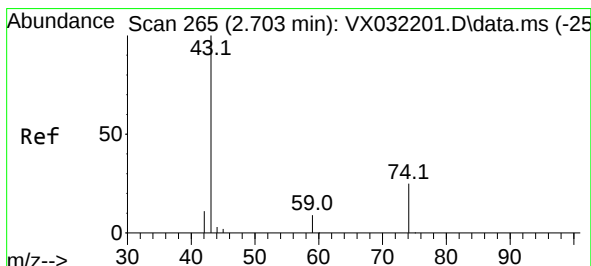
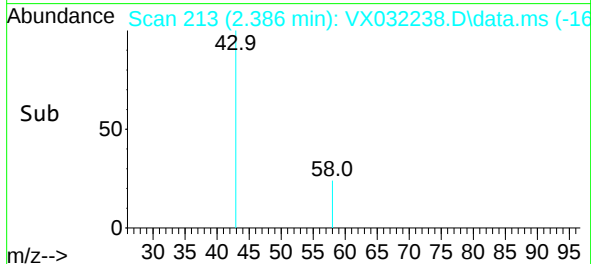
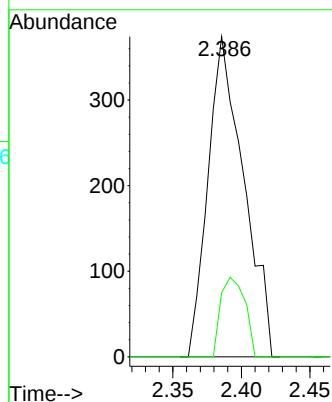
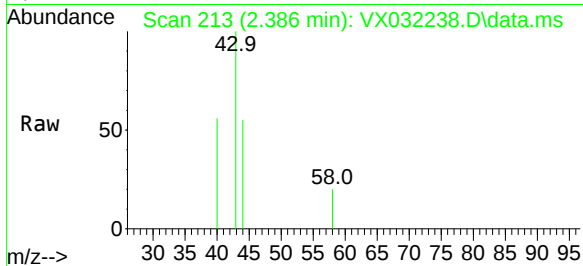




#16
Acetone
Concen: 1.244 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

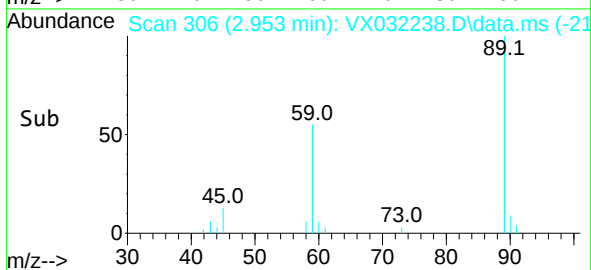
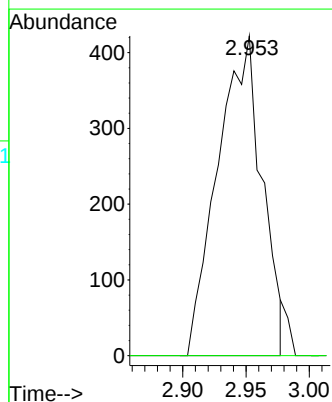
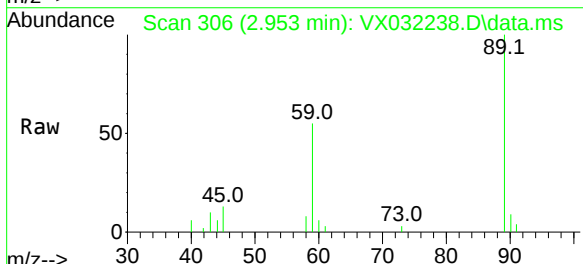
Instrument :
MSVOA_X
ClientSampleId :
MW-1

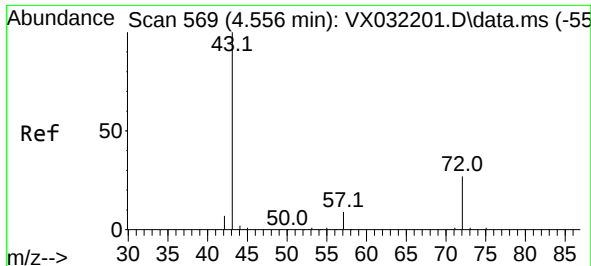
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 20.1 24.2 36.2#



#18
Methyl Acetate
Concen: 0.558 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.250 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#

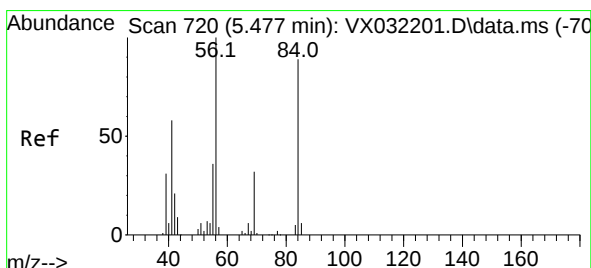
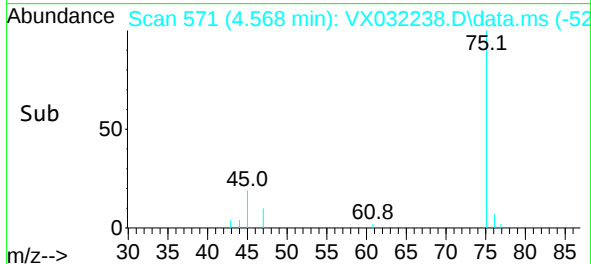
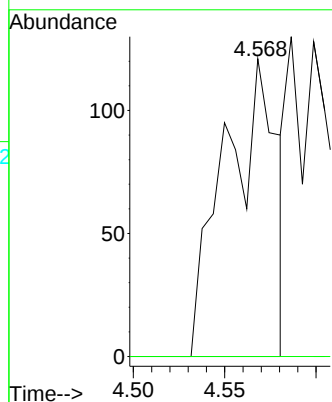
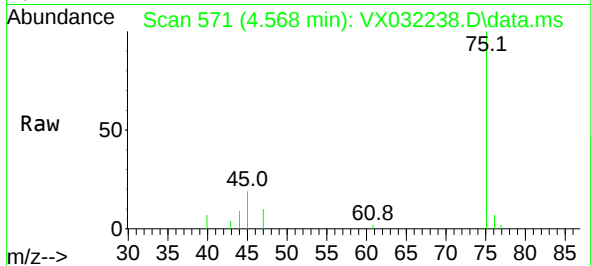




#25
2-Butanone
Concen: 0.280 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

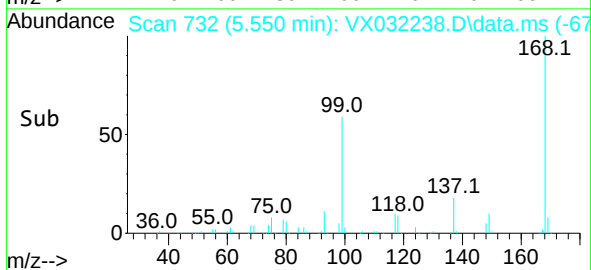
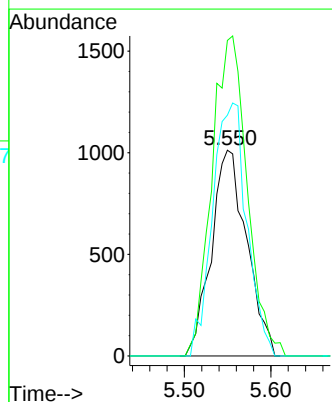
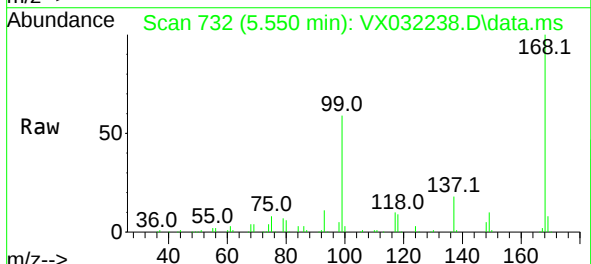
Instrument :
MSVOA_X
ClientSampleId :
MW-1

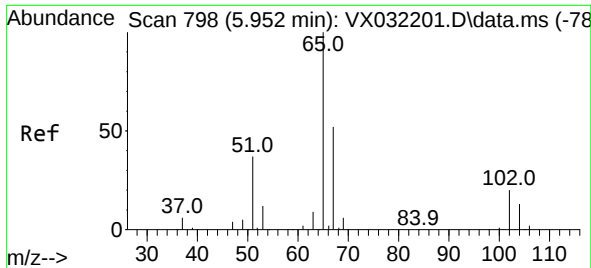
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.500 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

Tgt Ion: 56 Resp: 2871
Ion Ratio Lower Upper
56 100
69 153.3 25.4 38.0#
84 117.0 71.2 106.8#





#33

1,2-Dichloroethane-d4

Concen: 58.358 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032238.D

Acq: 20 Oct 2022 03:46

Instrument :

MSVOA_X

ClientSampleId :

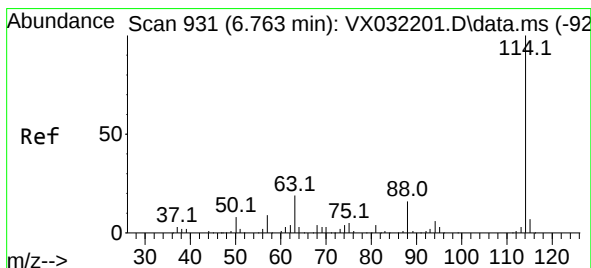
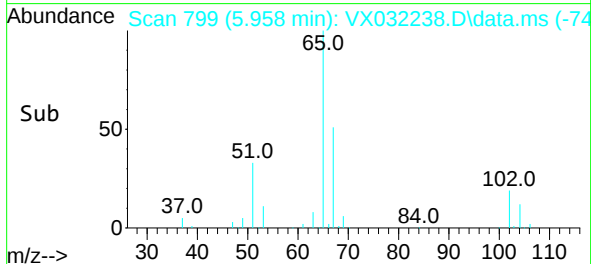
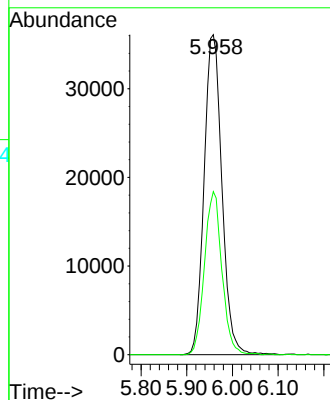
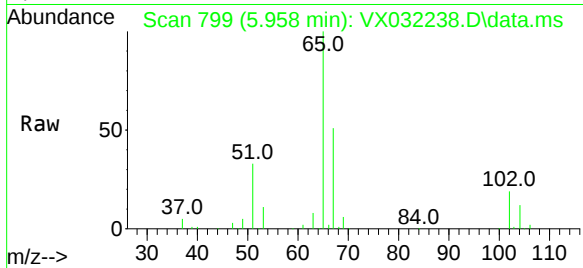
MW-1

Tgt Ion: 65 Resp: 97733

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032238.D

Acq: 20 Oct 2022 03:46

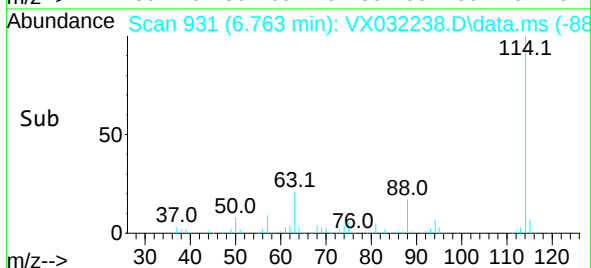
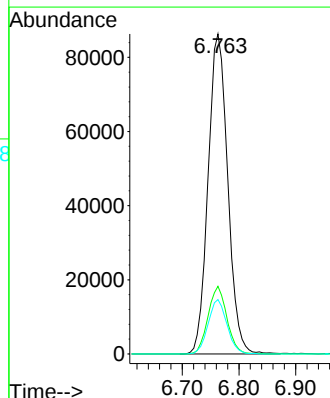
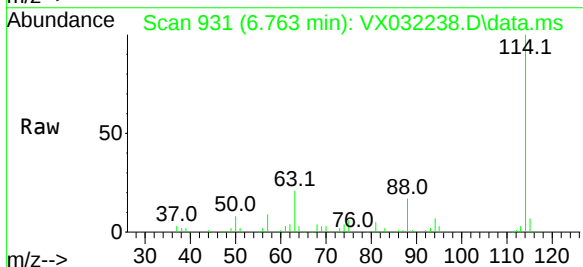
Tgt Ion: 114 Resp: 207930

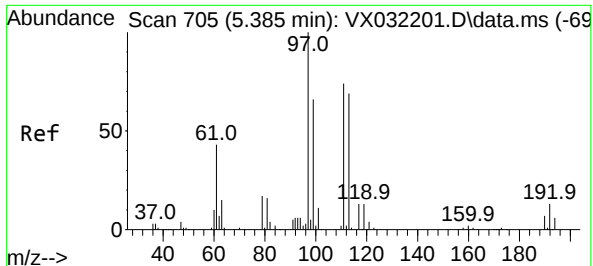
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.6

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.422 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032238.D

Acq: 20 Oct 2022 03:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1

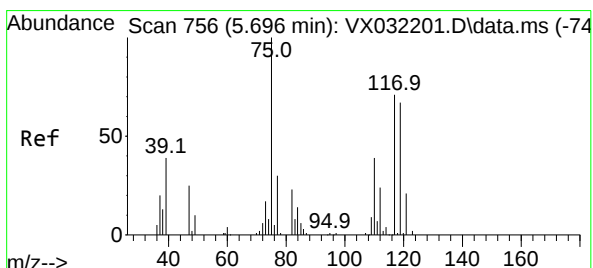
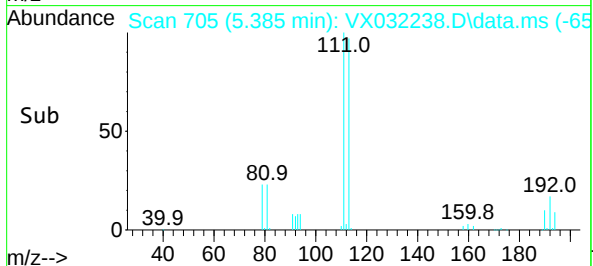
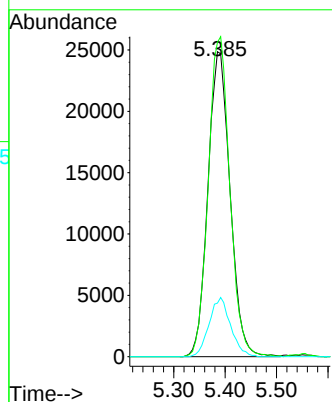
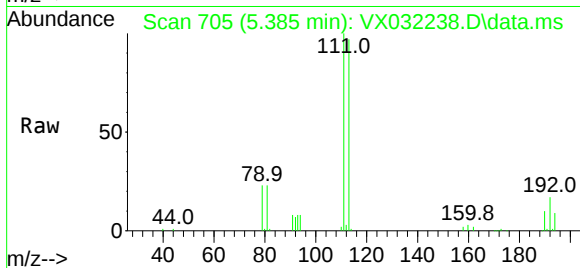
Tgt Ion:113 Resp: 74404

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 18.8 15.5 23.3



#36

1,1-Dichloropropene

Concen: 5.353 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX032238.D

Acq: 20 Oct 2022 03:46

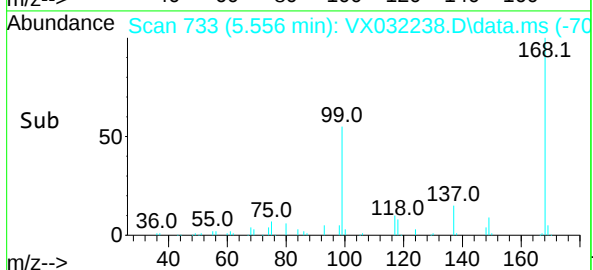
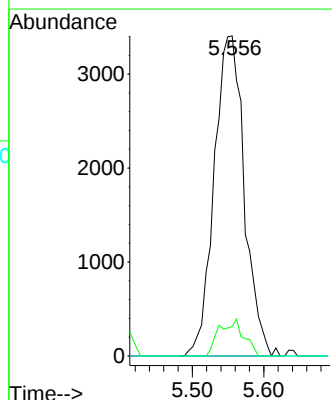
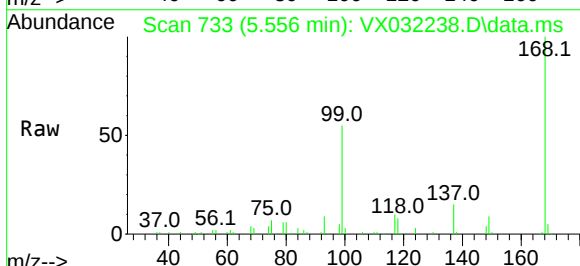
Tgt Ion: 75 Resp: 9963

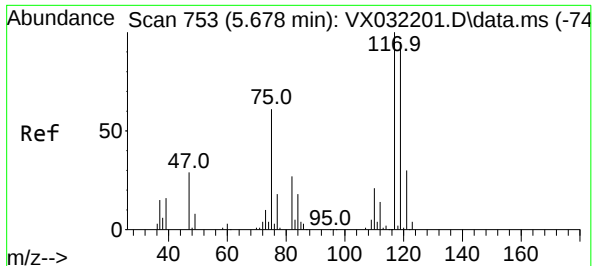
Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.0#

77 0.0 24.7 37.1#

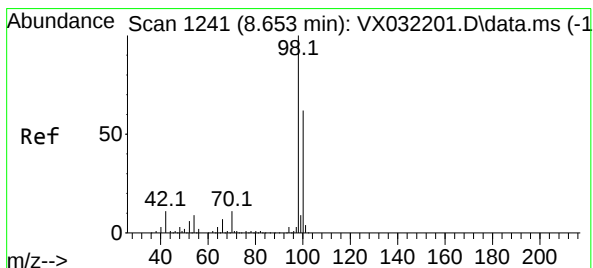
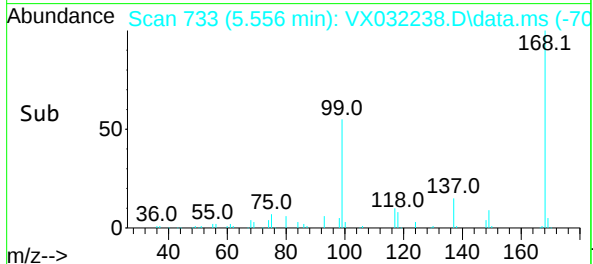
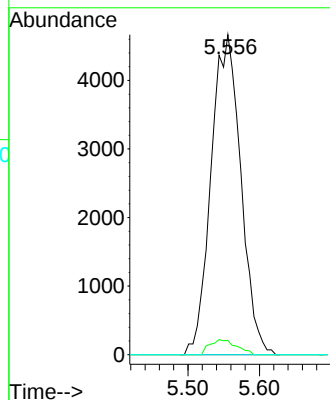
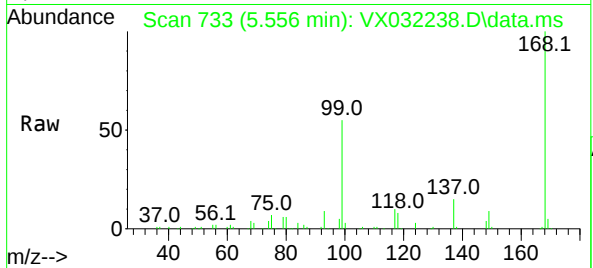




#38
Carbon Tetrachloride
Concen: 6.867 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

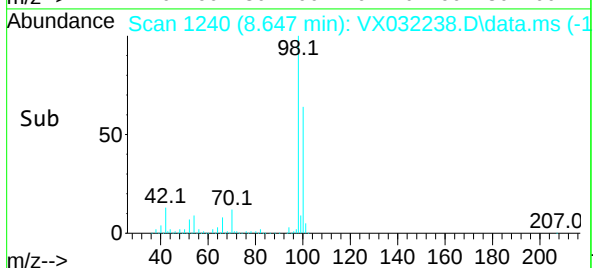
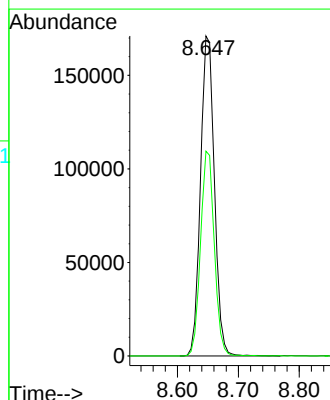
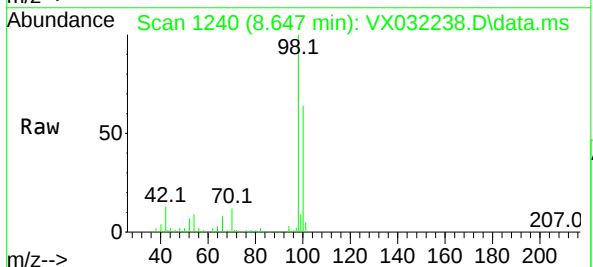
Instrument :
MSVOA_X
ClientSampleId :
MW-1

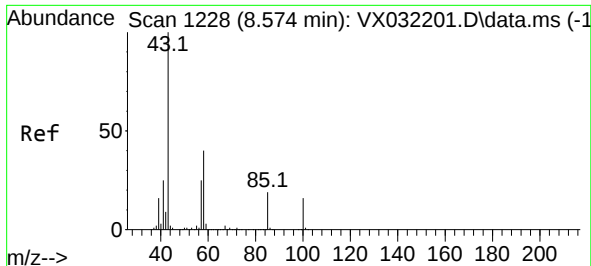
Tgt Ion:117 Resp: 13493
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 51.972 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

Tgt Ion: 98 Resp: 270691
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.738 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX032238.D

Acq: 20 Oct 2022 03:46

Instrument :

MSVOA_X

ClientSampleId :

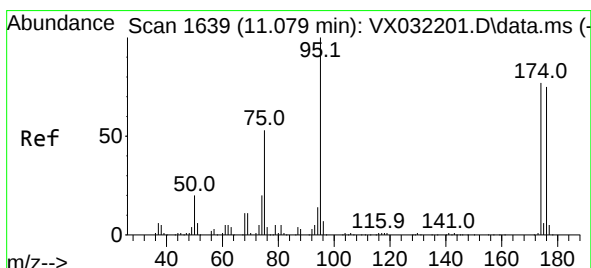
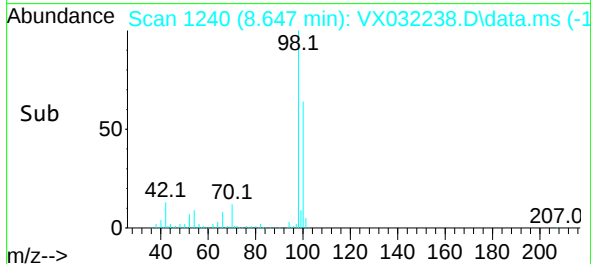
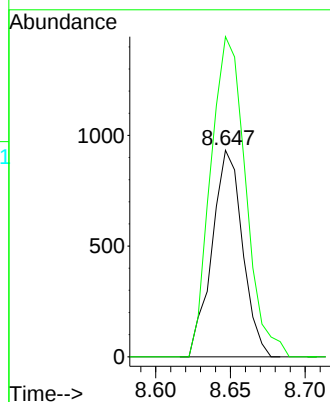
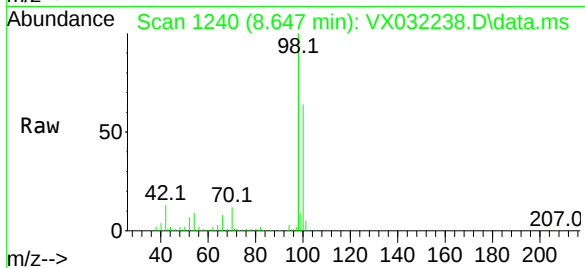
MW-1

Tgt Ion: 43 Resp: 1324

Ion Ratio Lower Upper

43 100

58 177.0 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 50.778 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032238.D

Acq: 20 Oct 2022 03:46

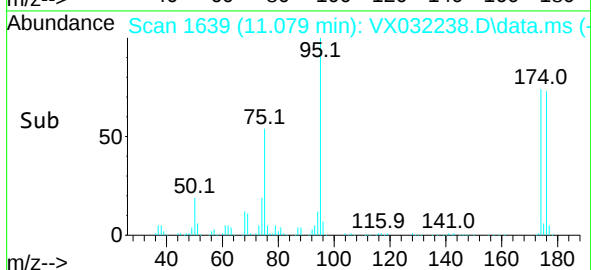
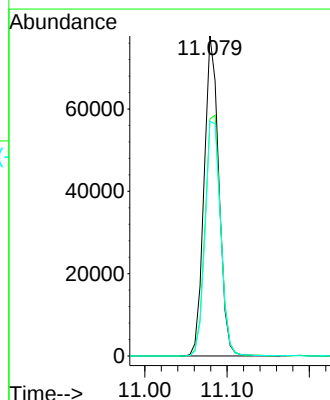
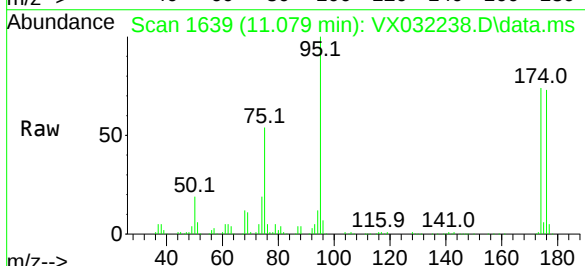
Tgt Ion: 95 Resp: 96846

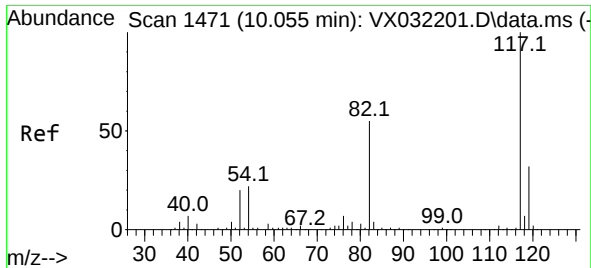
Ion Ratio Lower Upper

95 100

174 80.0 0.0 166.8

176 77.2 0.0 161.4

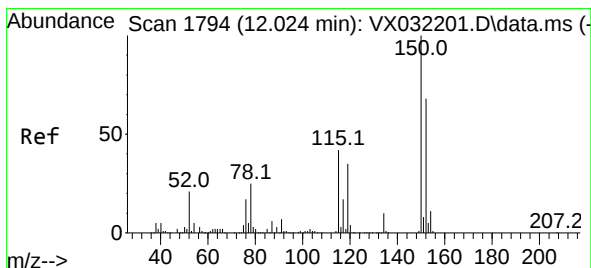
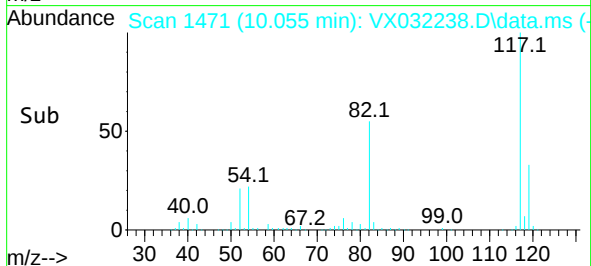
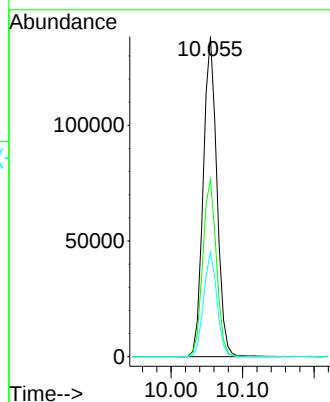
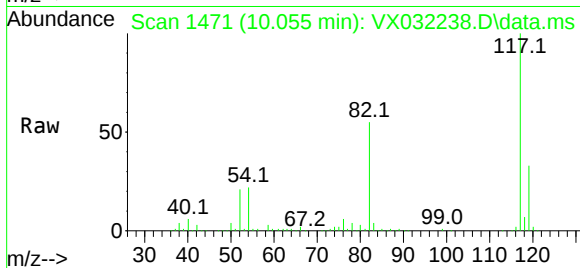




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

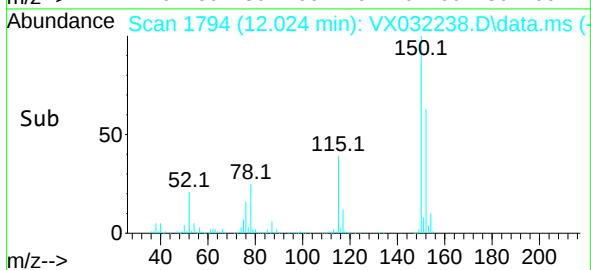
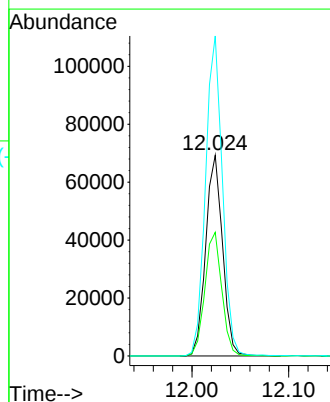
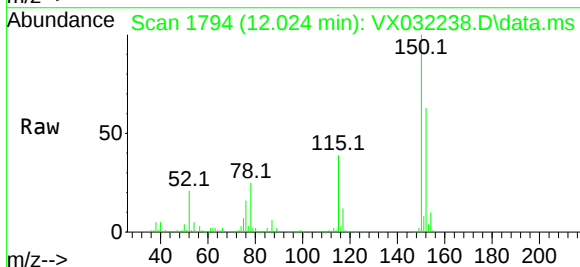
Instrument :
MSVOA_X
ClientSampleId :
MW-1

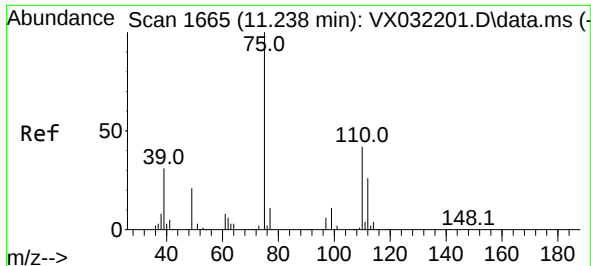
Tgt Ion:117 Resp: 183447
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

Tgt Ion:152 Resp: 84337
Ion Ratio Lower Upper
152 100
115 62.0 43.1 129.4
150 159.3 0.0 348.6

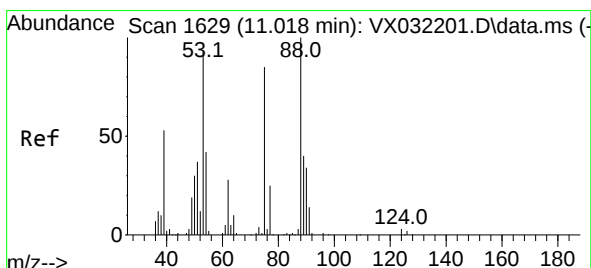
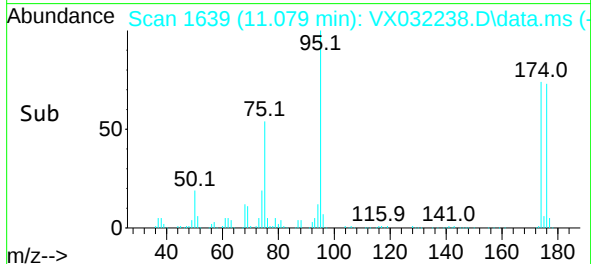
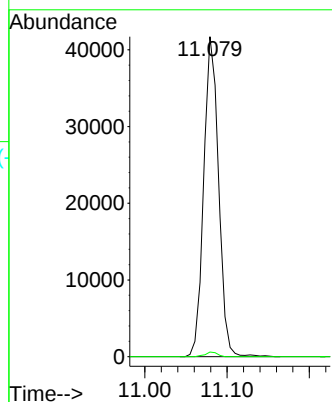
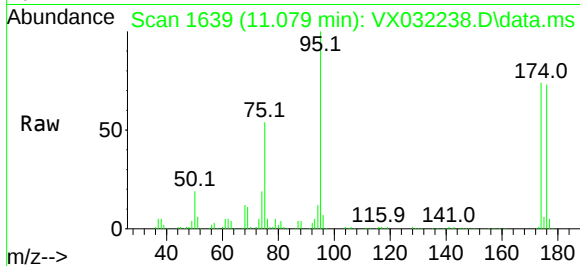




#76
1,2,3-Trichloropropane
Concen: 31.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion: 75 Resp: 52450
Ion Ratio Lower Upper
75 100
77 1.2 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032238.D
Acq: 20 Oct 2022 03:46

Tgt Ion: 75 Resp: 52450
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

