

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027915.D
 Acq On : 02 Apr 2022 05:08
 Operator : JC/MD
 Sample : N2204-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Apr 02 07:35:13 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)

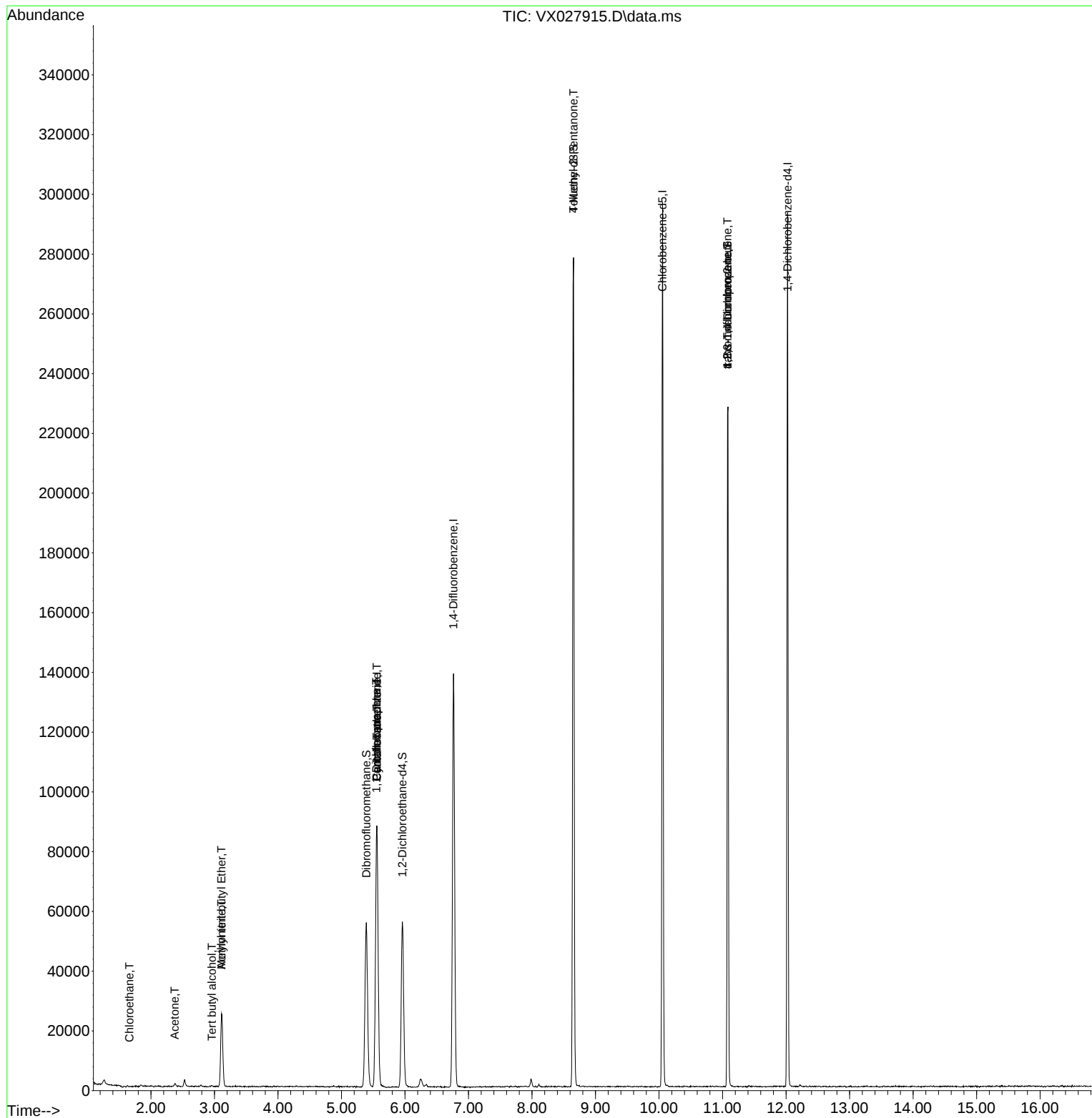
Internal Standards							
1) Pentafluorobenzene		5.556	168	79388	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene		6.763	114	141859	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	124097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	54645	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	54998	53.692	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.380%		
35) Dibromofluoromethane		5.391	113	47381	51.745	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.480%		
50) Toluene-d8		8.653	98	164646	51.105	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.200%		
62) 4-Bromofluorobenzene		11.079	95	62950	45.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.960%		
Target Compounds							
						Qvalue	
6) Chloroethane		1.660	64	152	0.346	ug/l #	43
11) Tert butyl alcohol		2.959	59	337	1.713	ug/l #	72
15) Acrylonitrile		3.111	53	375	0.812	ug/l #	12
16) Acetone		2.374	43	1093	2.411	ug/l	90
19) Methyl tert-butyl Ether		3.111	73	26129	10.055	ug/l	97
31) Cyclohexane		5.556	56	1710	1.510	ug/l #	42
36) 1,1-Dichloropropene		5.550	75	6604	5.726	ug/l #	49
38) Carbon Tetrachloride		5.556	117	8732	6.853	ug/l #	16
51) 4-Methyl-2-Pentanone		8.653	43	754	0.475	ug/l #	1
76) 1,2,3-Trichloropropane		11.079	75	35693	27.844	ug/l #	38
81) trans-1,4-Dichloro-2-b...		11.079	75	35693	81.355	ug/l #	15

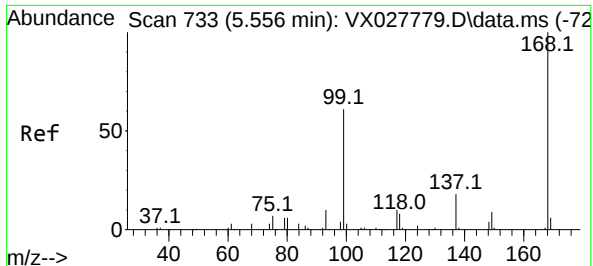
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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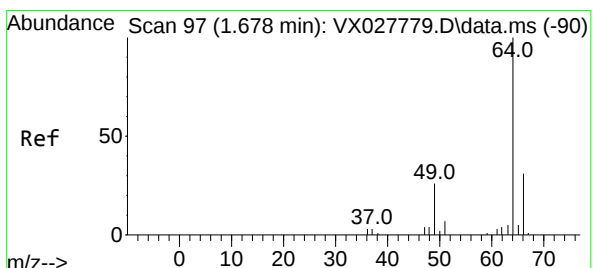
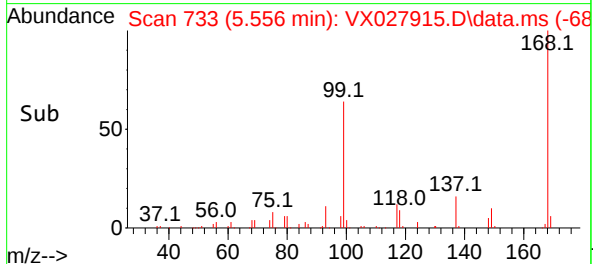
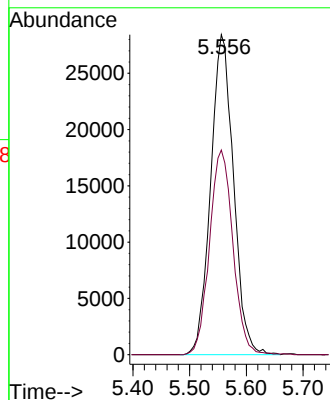
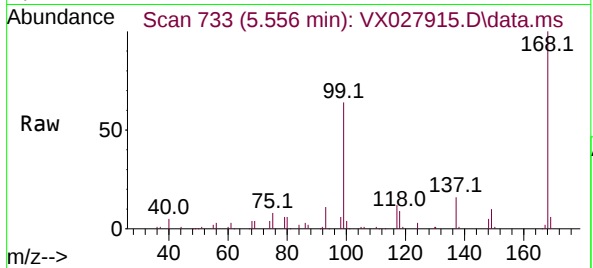




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

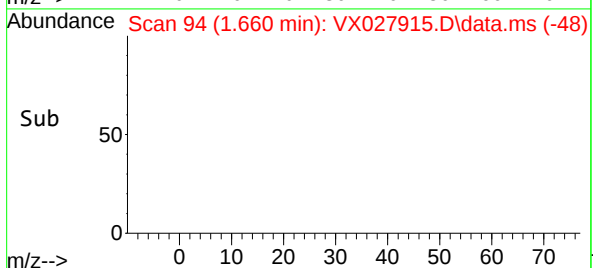
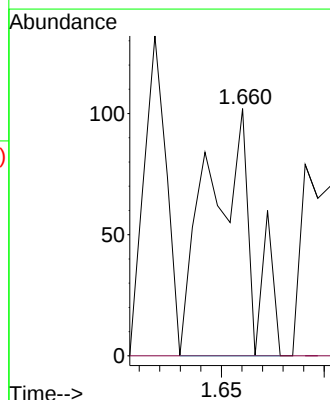
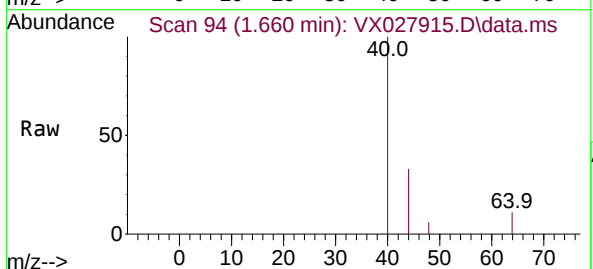
Instrument :
MSVOA_X
ClientSampleId :
MW-6

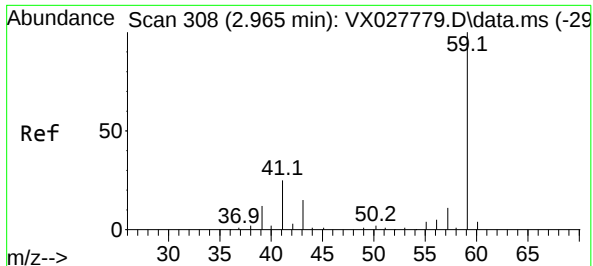
Tgt Ion:168 Resp: 79388
Ion Ratio Lower Upper
168 100
99 64.0 41.7 62.5#



#6
Chloroethane
Concen: 0.346 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

Tgt Ion: 64 Resp: 152
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 1.713 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX027915.D

Acq: 02 Apr 2022 05:08

Instrument :

MSVOA_X

ClientSampleId :

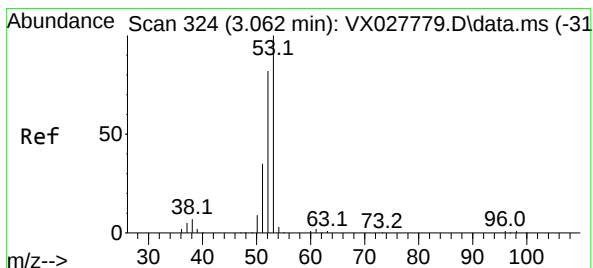
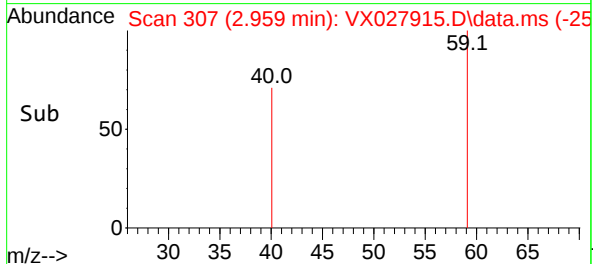
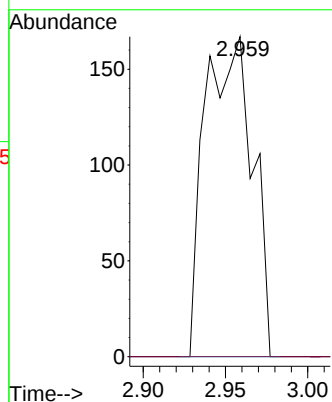
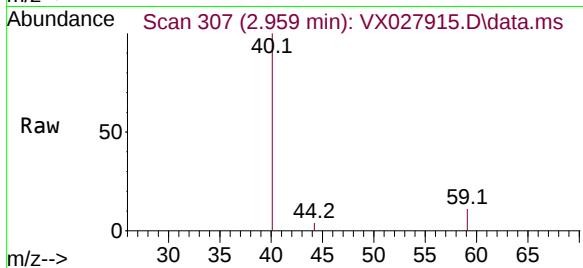
MW-6

Tgt Ion: 59 Resp: 337

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#15

Acrylonitrile

Concen: 0.812 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.049 min

Lab File: VX027915.D

Acq: 02 Apr 2022 05:08

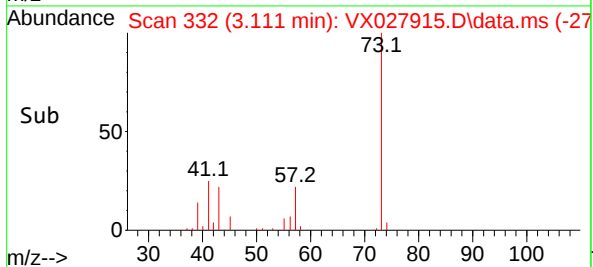
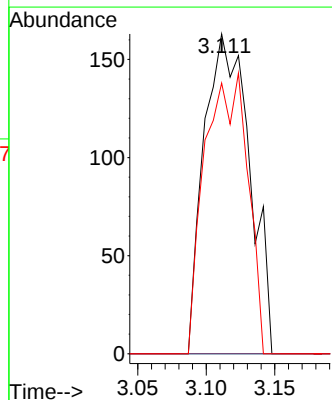
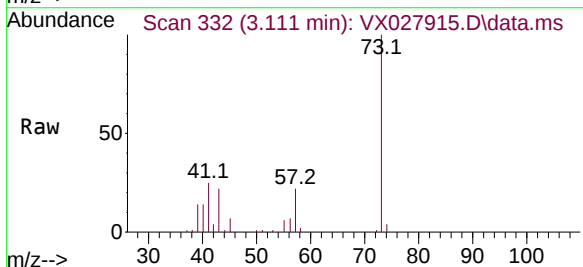
Tgt Ion: 53 Resp: 375

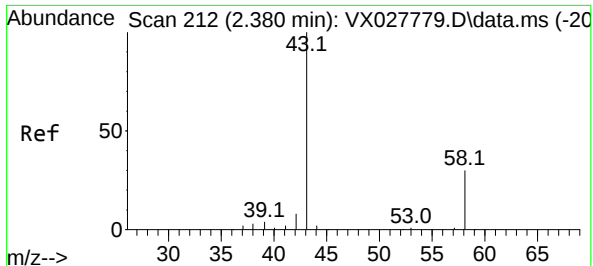
Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 82.7 28.4 42.6#

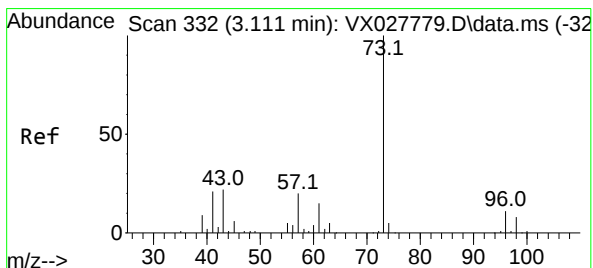
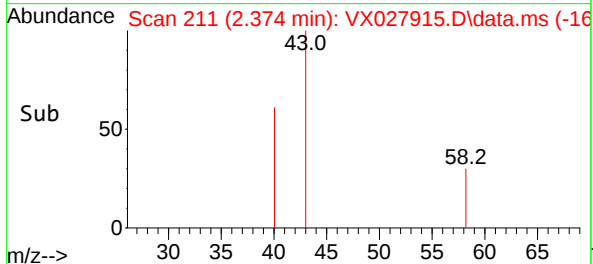
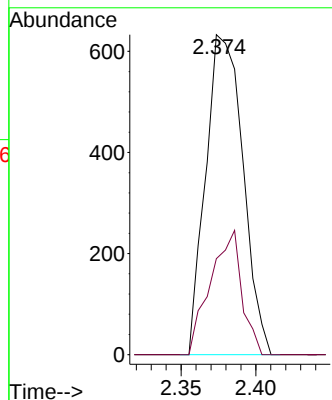
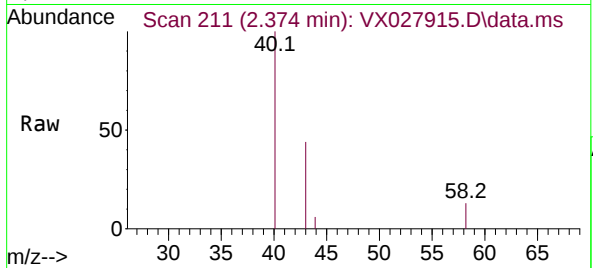




#16
Acetone
Concen: 2.411 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

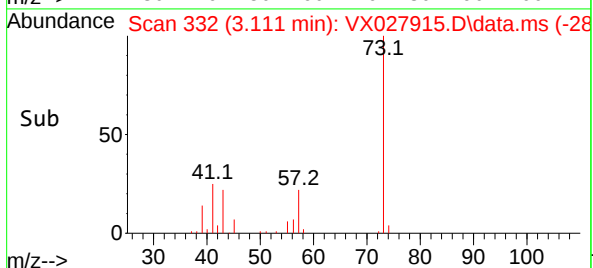
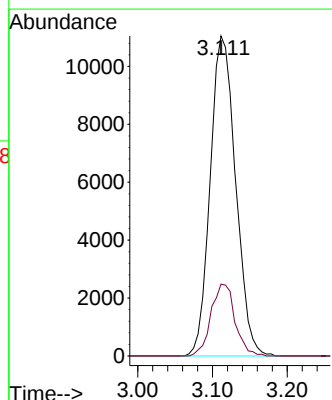
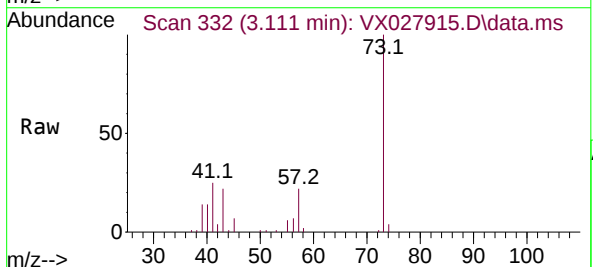
Instrument :
MSVOA_X
ClientSampleId :
MW-6

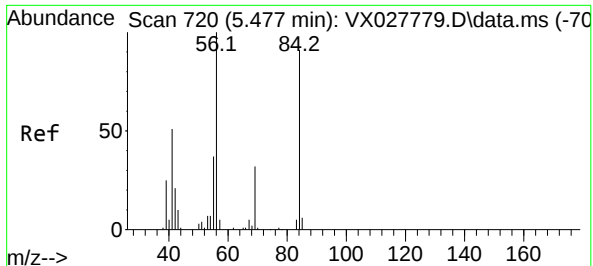
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 30.0 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 10.055 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

Tgt Ion: 73 Resp: 26129
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

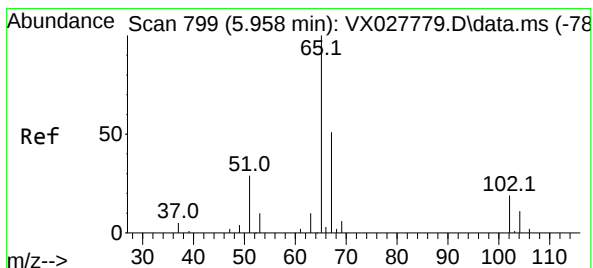
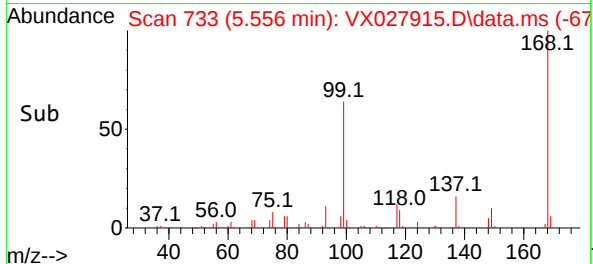
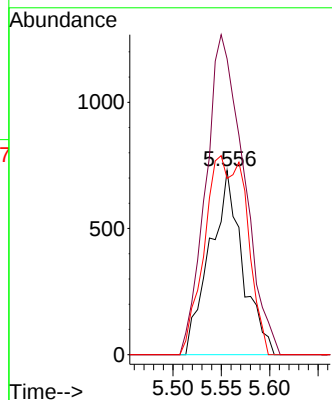
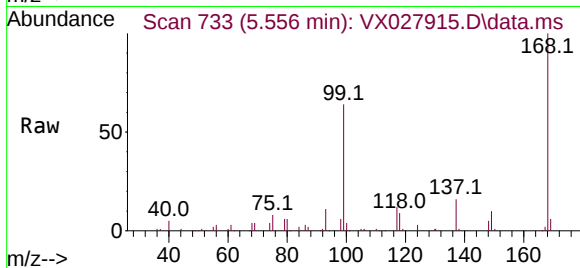




#31
Cyclohexane
Concen: 1.510 ug/l
RT: 5.556 min Scan# 710
Delta R.T. 0.079 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

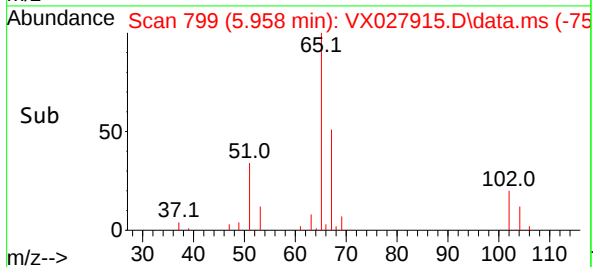
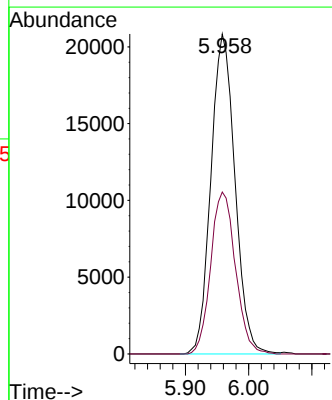
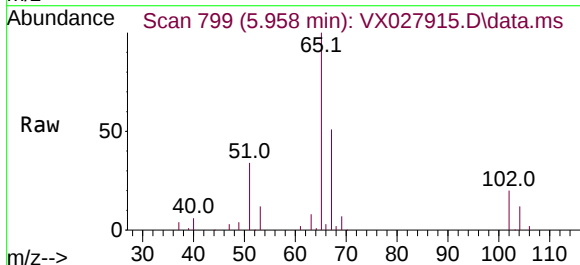
Instrument :
MSVOA_X
ClientSampleId :
MW-6

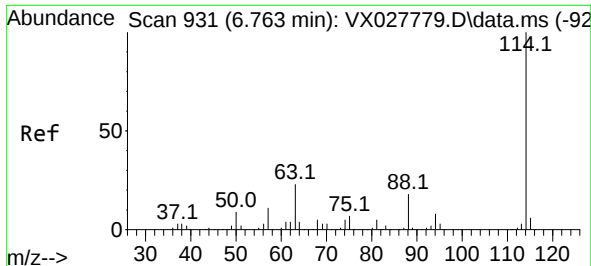
Tgt Ion: 56 Resp: 1710
Ion Ratio Lower Upper
56 100
69 160.5 26.7 40.1#
84 95.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 53.692 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

Tgt Ion: 65 Resp: 54998
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

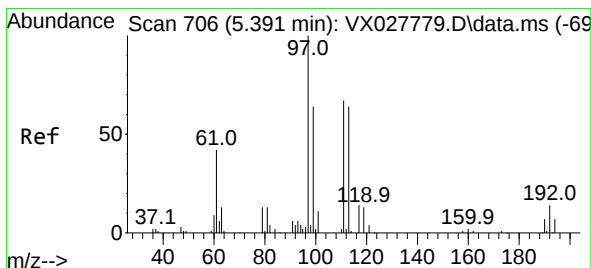
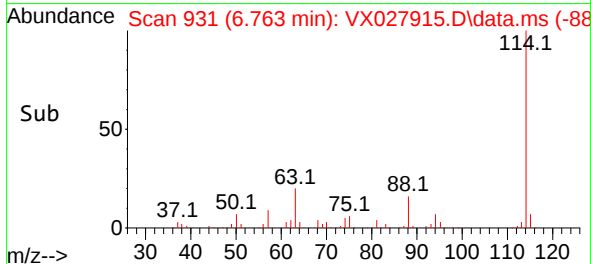
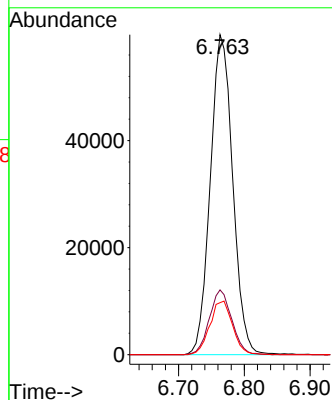
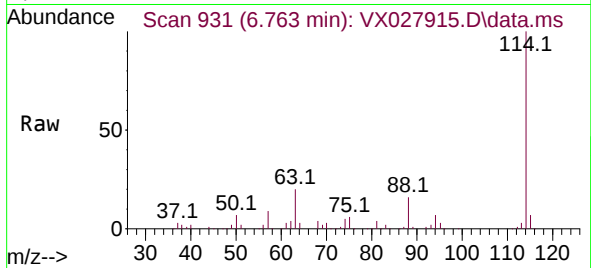




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

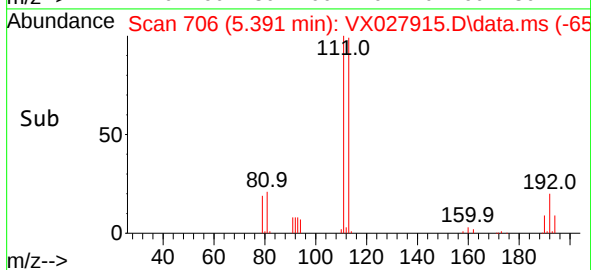
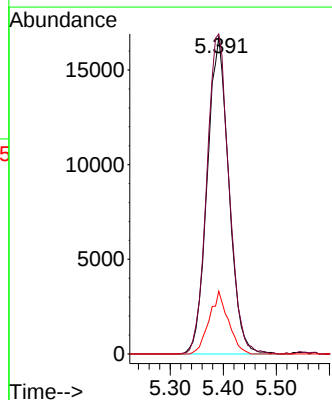
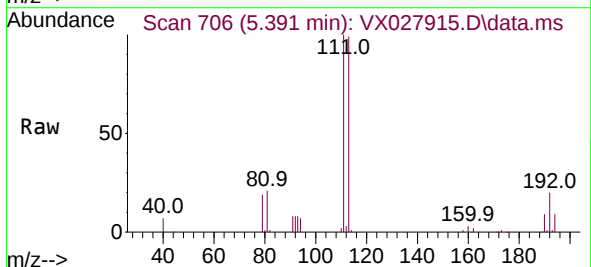
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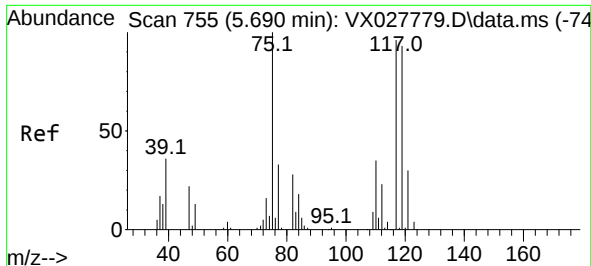
Tgt Ion:114 Resp: 141859
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.745 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

Tgt Ion:113 Resp: 47381
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 17.6 16.9 25.3

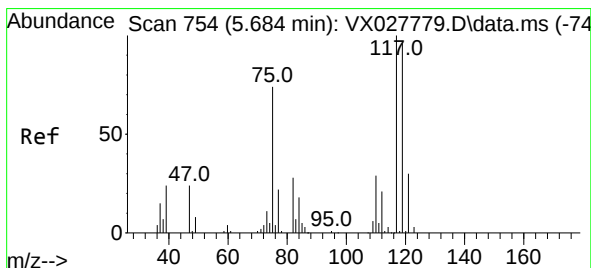
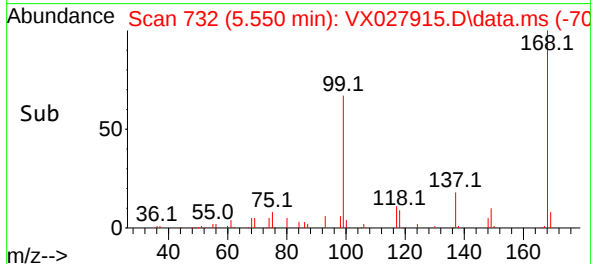
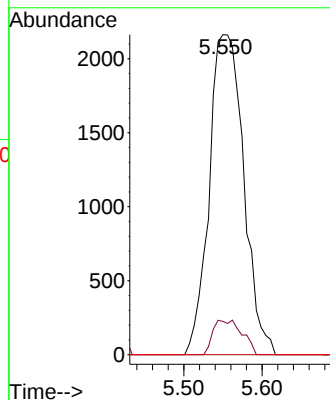
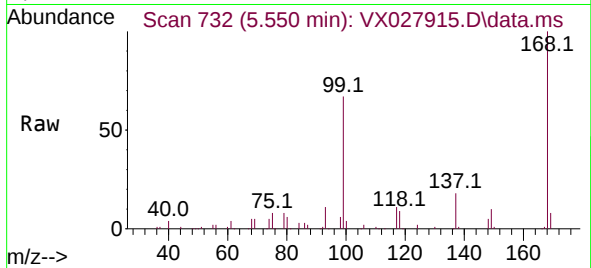




#36
1,1-Dichloropropene
Concen: 5.726 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

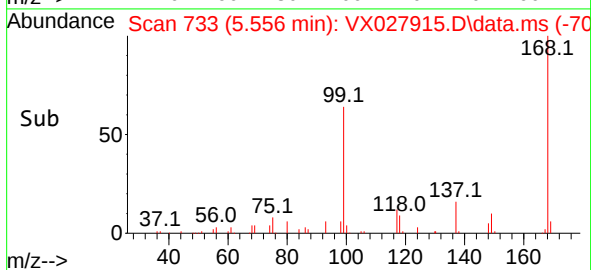
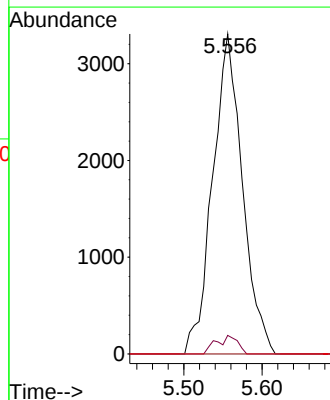
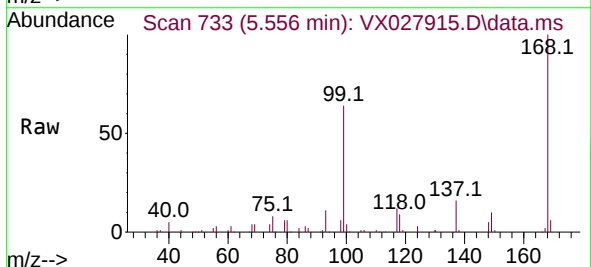
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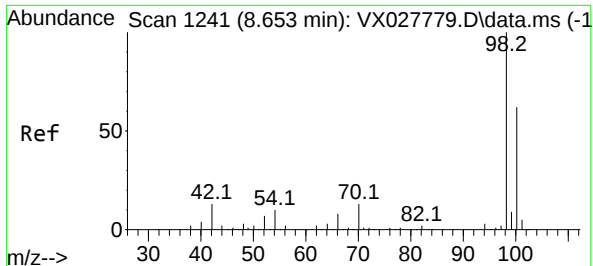
Tgt Ion: 75 Resp: 6604
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.853 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

Tgt Ion: 117 Resp: 8732
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 51.105 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027915.D

Acq: 02 Apr 2022 05:08

Instrument :

MSVOA_X

ClientSampleId :

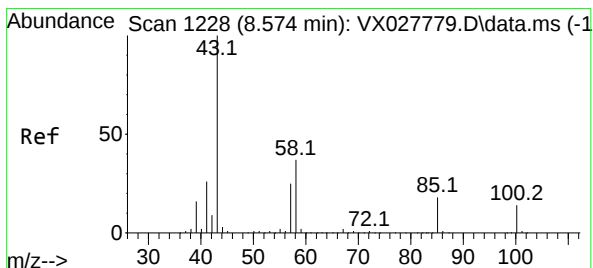
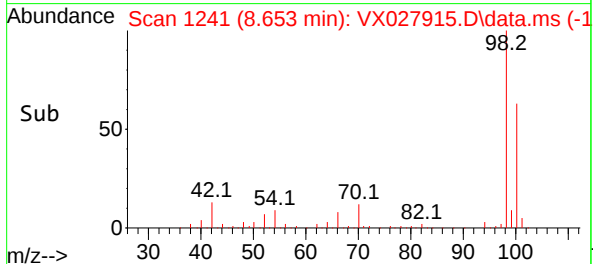
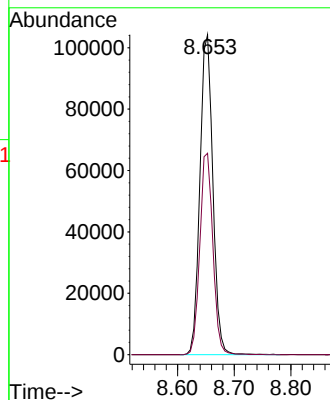
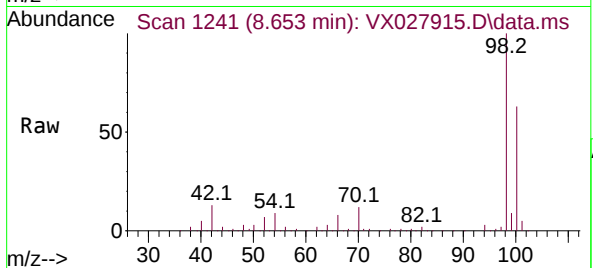
MW-6

Tgt Ion: 98 Resp: 164646

Ion Ratio Lower Upper

98 100

100 63.6 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.475 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX027915.D

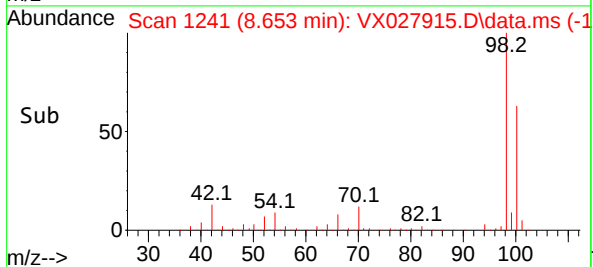
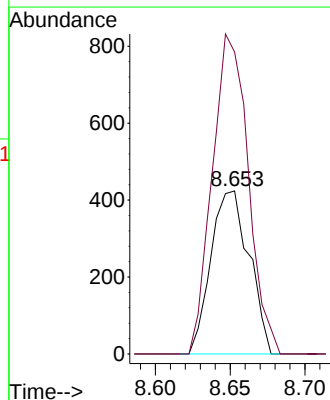
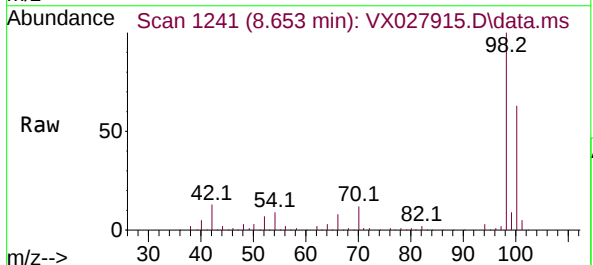
Acq: 02 Apr 2022 05:08

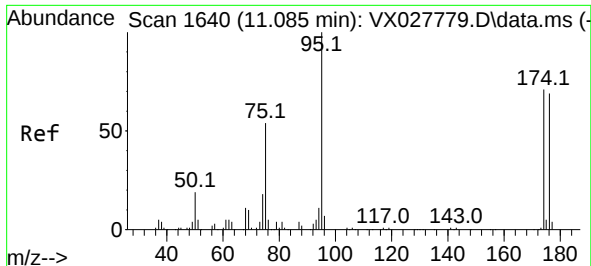
Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

58 184.4 36.1 54.1#

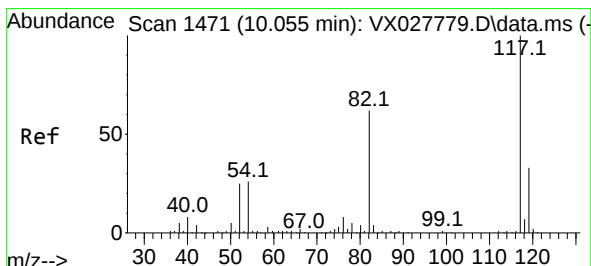
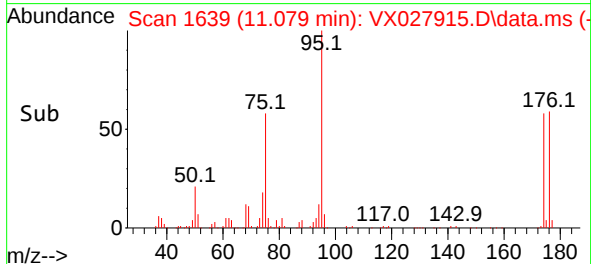
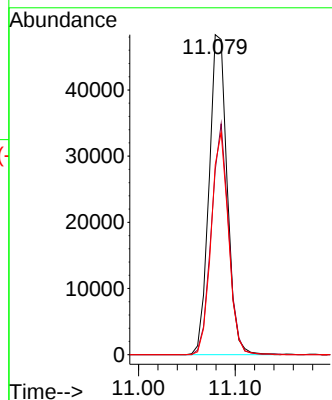
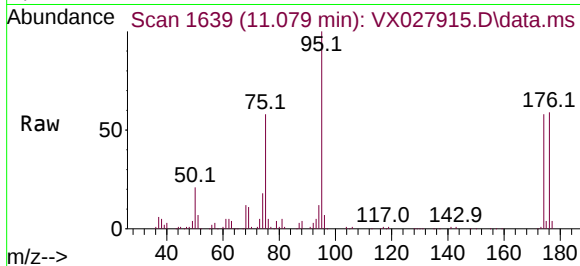




#62
4-Bromofluorobenzene
Concen: 45.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

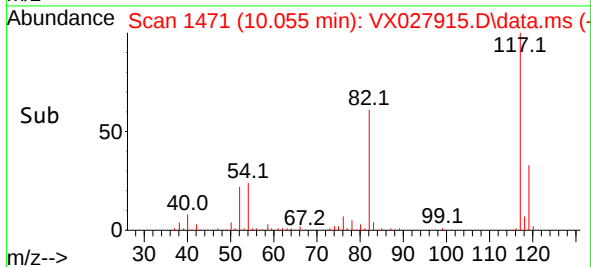
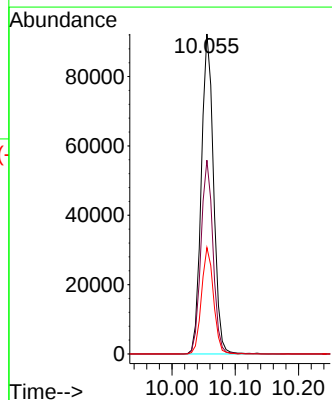
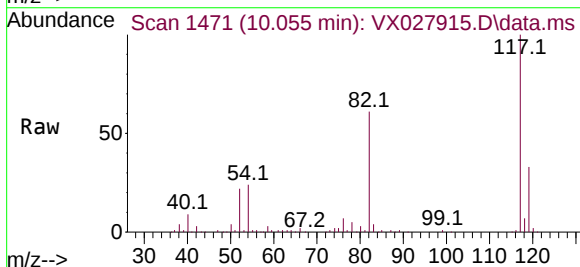
Instrument :
MSVOA_X
ClientSampleId :
MW-6

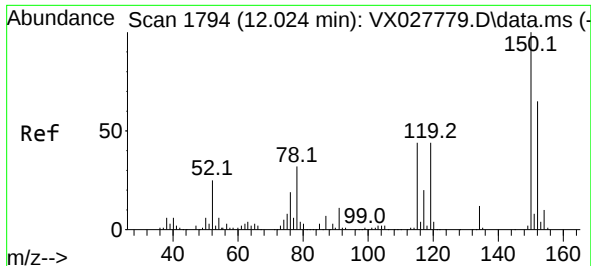
Tgt Ion: 95 Resp: 62950
Ion Ratio Lower Upper
95 100
174 68.6 0.0 163.0
176 66.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027915.D
Acq: 02 Apr 2022 05:08

Tgt Ion: 117 Resp: 124097
Ion Ratio Lower Upper
117 100
82 60.5 41.8 62.8
119 33.2 24.8 37.2

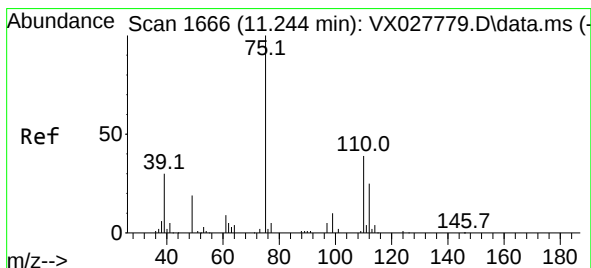
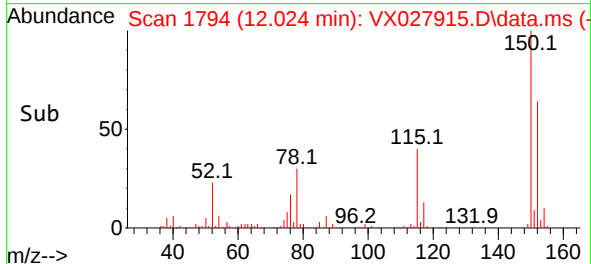
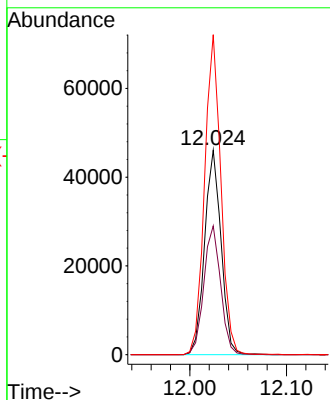
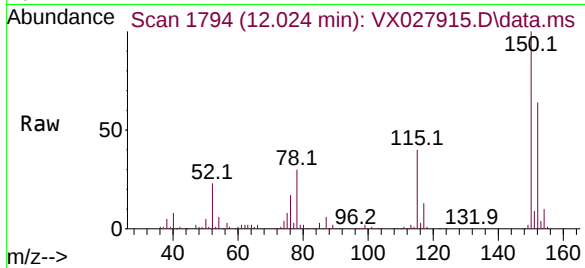




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX027915.D
 Acq: 02 Apr 2022 05:08

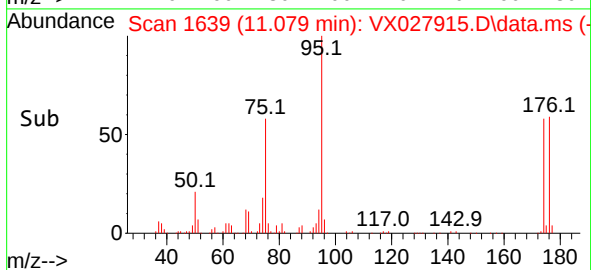
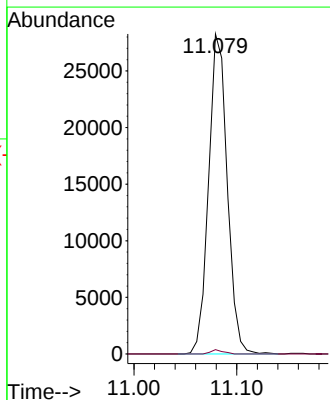
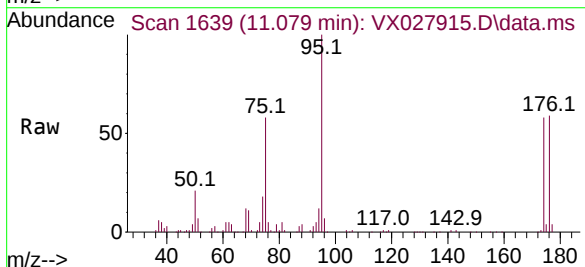
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

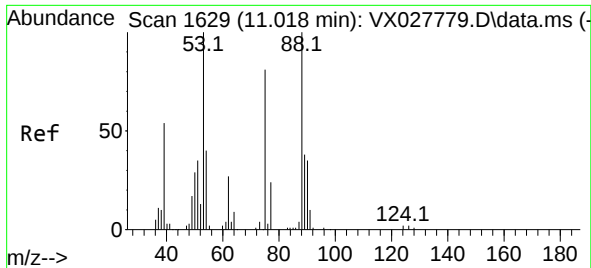
Tgt Ion:152 Resp: 54645
 Ion Ratio Lower Upper
 152 100
 115 64.3 37.5 112.7
 150 154.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.844 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027915.D
 Acq: 02 Apr 2022 05:08

Tgt Ion: 75 Resp: 35693
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.355 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027915.D
 Acq: 02 Apr 2022 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tgt Ion: 75 Resp: 35693
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

