

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027918.D
 Acq On : 02 Apr 2022 06:18
 Operator : JC/MD
 Sample : N2204-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Apr 02 07:35:56 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)

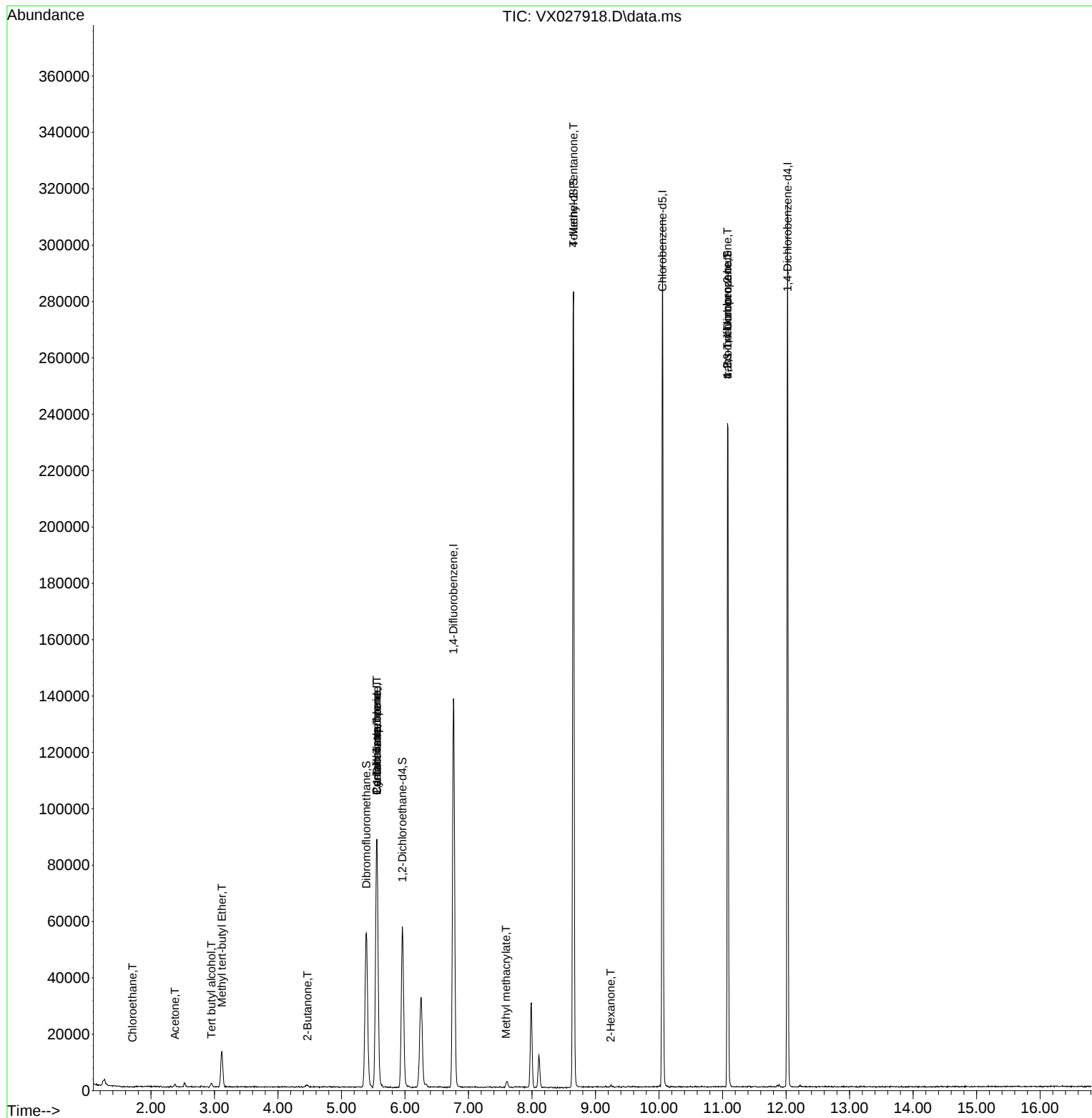
Internal Standards						
1) Pentafluorobenzene	5.556	168	77762	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	141562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54960	54.777	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.560%	
35) Dibromofluoromethane	5.391	113	47764	52.273	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.540%	
50) Toluene-d8	8.653	98	168875	52.528	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	11.079	95	65256	47.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.520%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	297	0.690	ug/l	# 43
11) Tert butyl alcohol	2.953	59	1429	7.415	ug/l	# 72
16) Acetone	2.380	43	1074	2.419	ug/l	# 81
19) Methyl tert-butyl Ether	3.117	73	13598	5.342	ug/l	92
25) 2-Butanone	4.465	43	256	0.396	ug/l	# 44
31) Cyclohexane	5.556	56	1804	1.627	ug/l	# 10
36) 1,1-Dichloropropene	5.556	75	6740	5.856	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8769	6.897	ug/l	# 15
48) Methyl methacrylate	7.592	41	716	0.597	ug/l	# 20
51) 4-Methyl-2-Pentanone	8.653	43	762	0.481	ug/l	# 1
59) 2-Hexanone	9.238	43	461	0.378	ug/l	# 37
76) 1,2,3-Trichloropropane	11.079	75	36280	26.940	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	36280	78.827	ug/l	# 15

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

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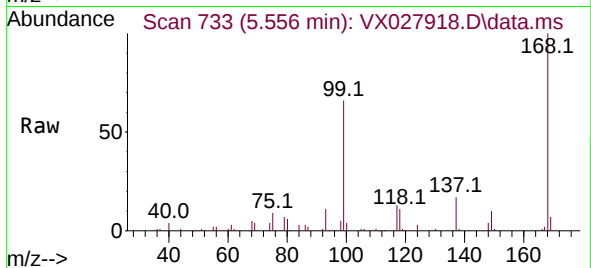
Quant Time: Apr 02 07:35:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration



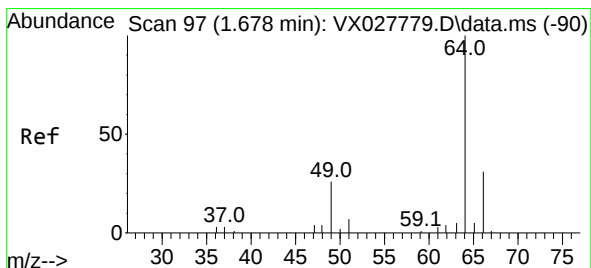
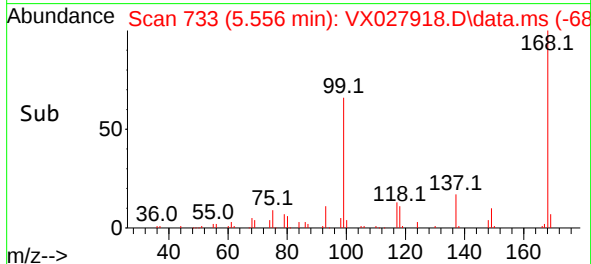
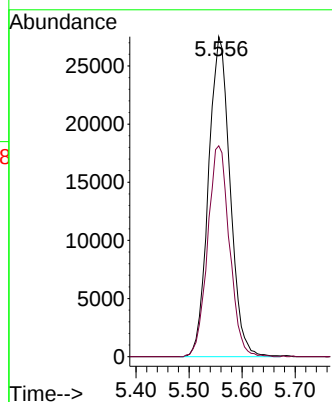


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

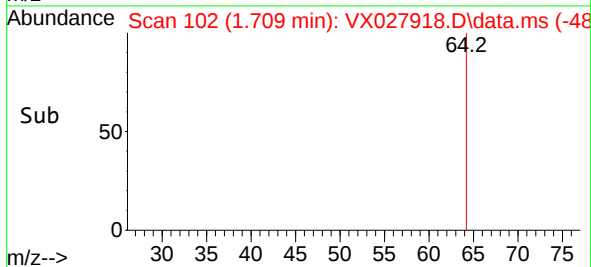
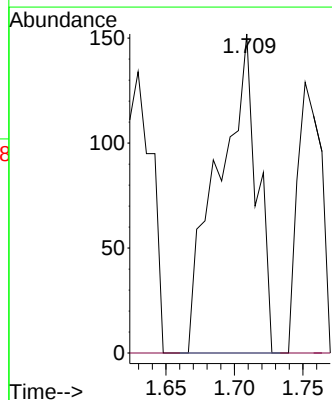
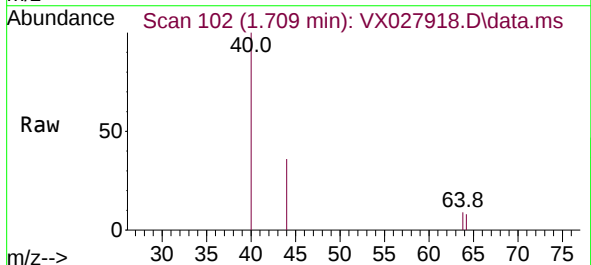


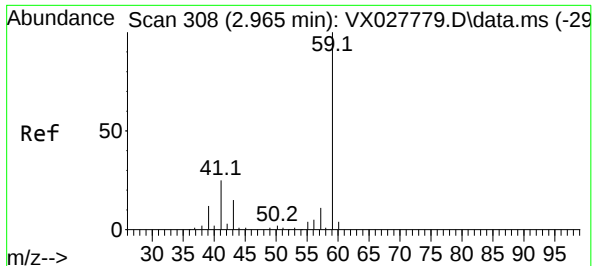
Tgt Ion:168 Resp: 77762
Ion Ratio Lower Upper
168 100
99 65.9 41.7 62.5#



#6
Chloroethane
Concen: 0.690 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 7.415 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027918.D

Acq: 02 Apr 2022 06:18

Instrument :

MSVOA_X

ClientSampleId :

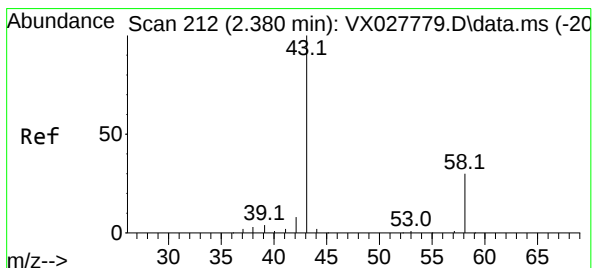
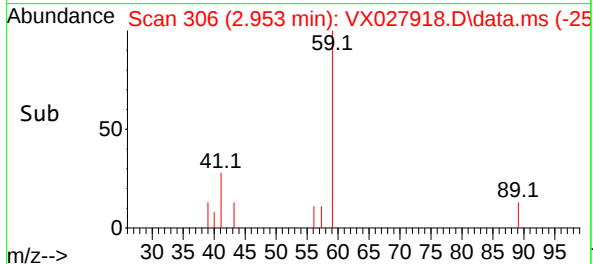
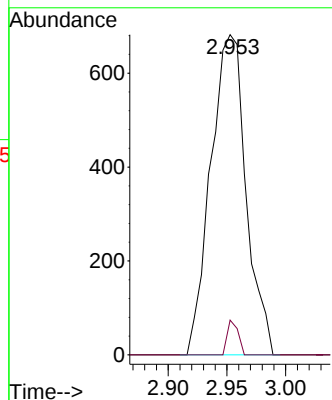
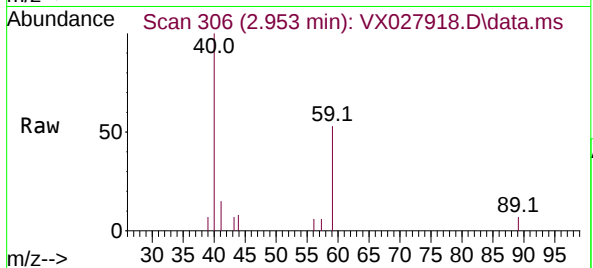
MW-2R

Tgt Ion: 59 Resp: 1429

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.419 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027918.D

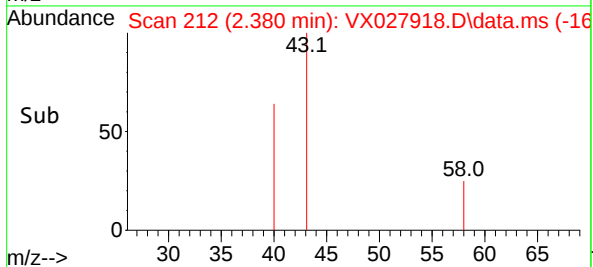
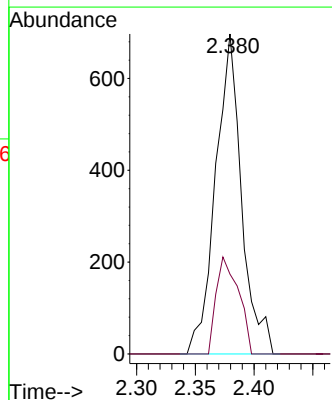
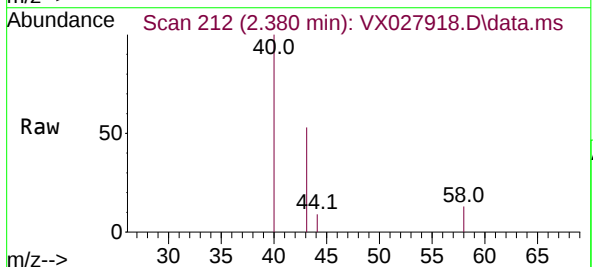
Acq: 02 Apr 2022 06:18

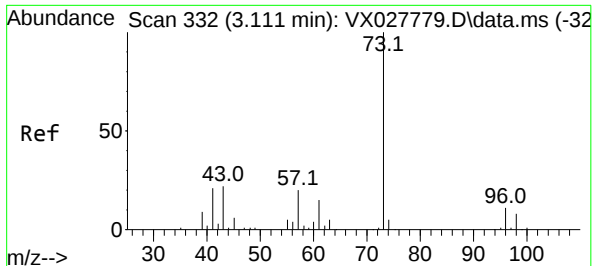
Tgt Ion: 43 Resp: 1074

Ion Ratio Lower Upper

43 100

58 25.0 28.8 43.2#





#19

Methyl tert-butyl Ether

Concen: 5.342 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX027918.D

Acq: 02 Apr 2022 06:18

Instrument :

MSVOA_X

ClientSampleId :

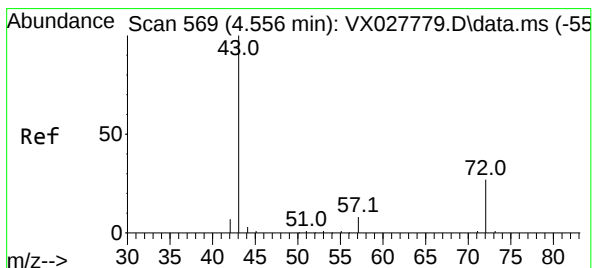
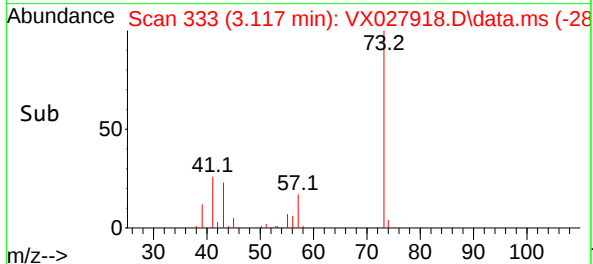
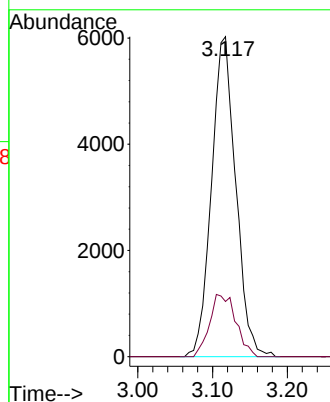
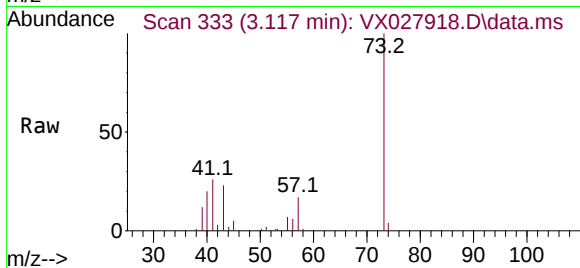
MW-2R

Tgt Ion: 73 Resp: 13598

Ion Ratio Lower Upper

73 100

57 17.3 16.8 25.2



#25

2-Butanone

Concen: 0.396 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.091 min

Lab File: VX027918.D

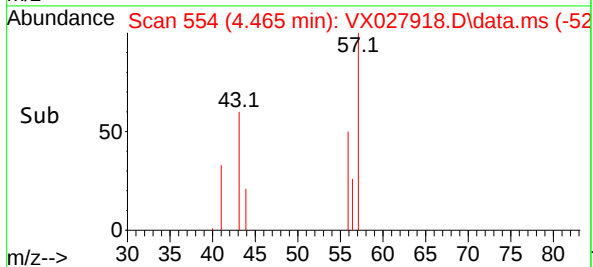
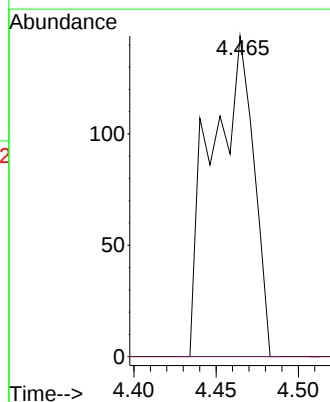
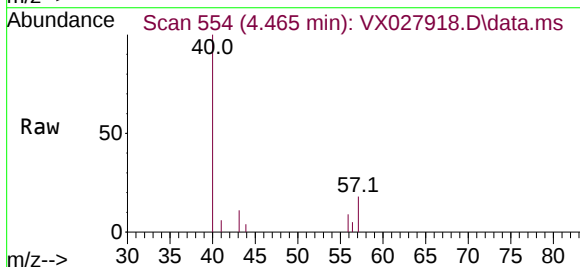
Acq: 02 Apr 2022 06:18

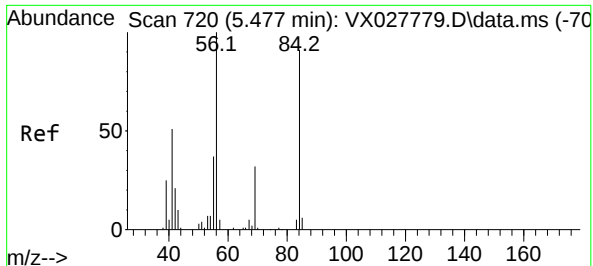
Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#

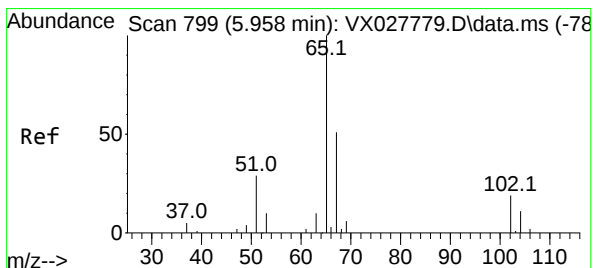
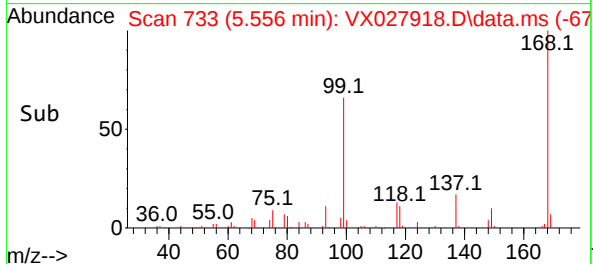
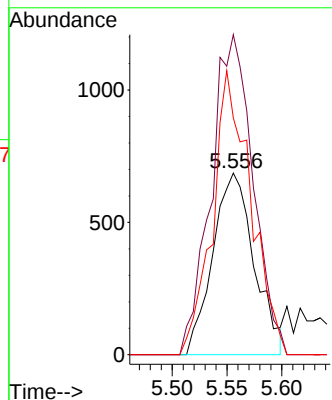
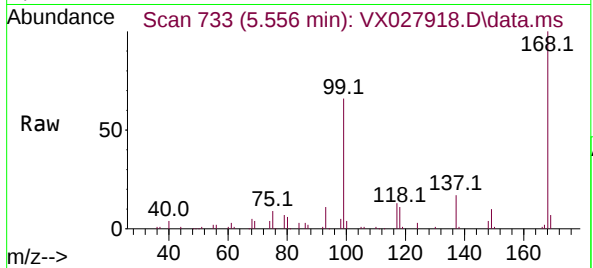




#31
Cyclohexane
Concen: 1.627 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

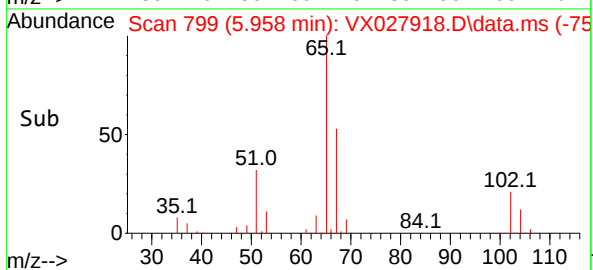
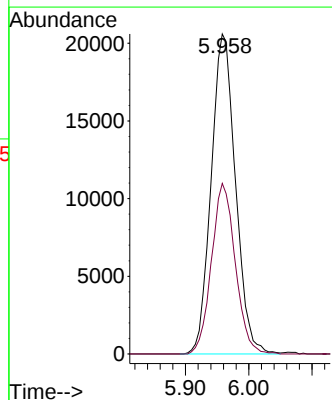
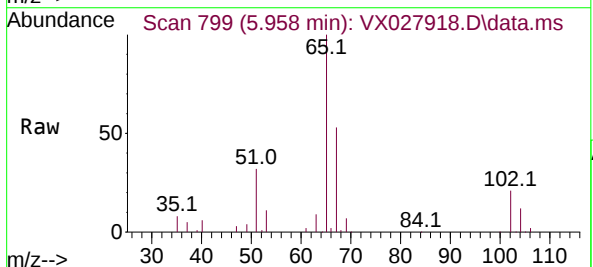
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

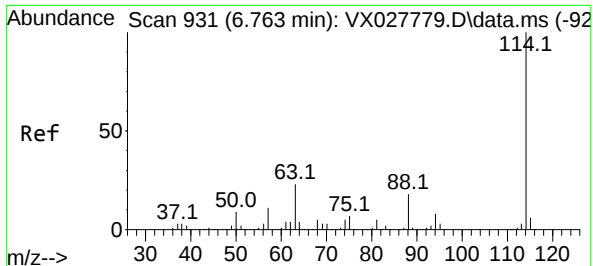
Tgt Ion: 56 Resp: 1804
Ion Ratio Lower Upper
56 100
69 176.2 26.7 40.1#
84 130.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.777 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

Tgt Ion: 65 Resp: 54960
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

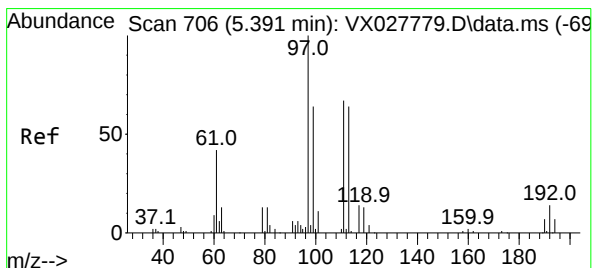
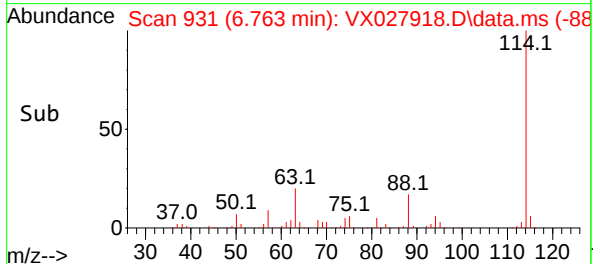
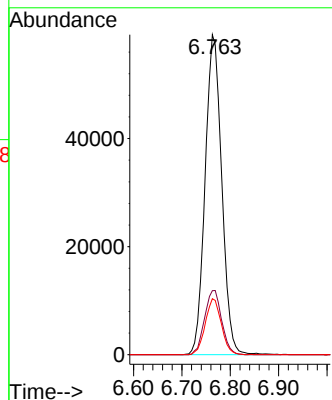
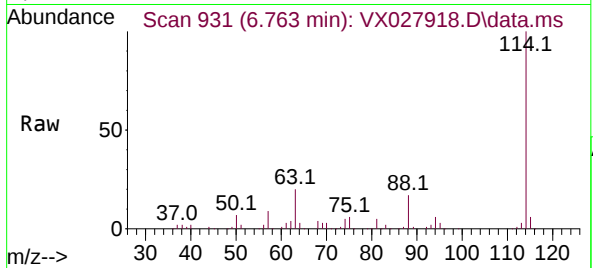




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

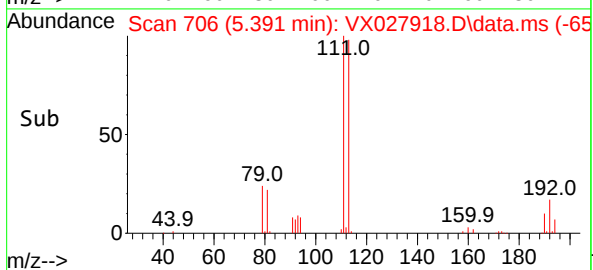
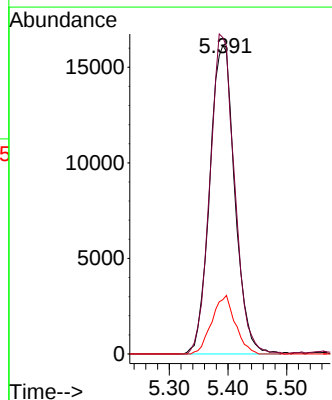
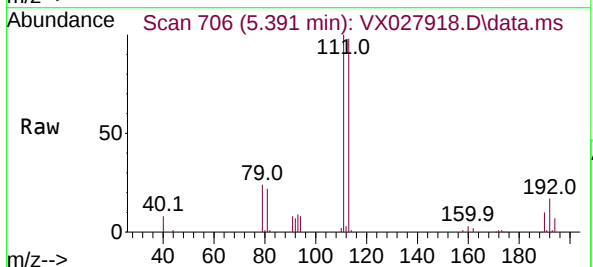
Instrument :
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ClientSampleId :
MW-2R

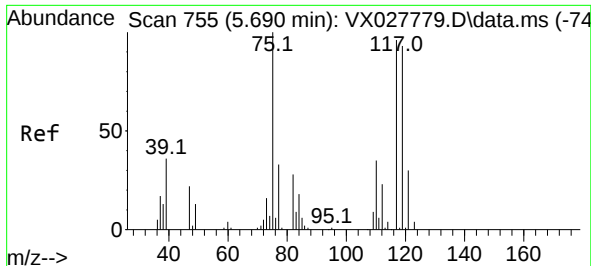
Tgt Ion:114 Resp: 141562
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 17.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.273 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

Tgt Ion:113 Resp: 47764
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 17.7 16.9 25.3

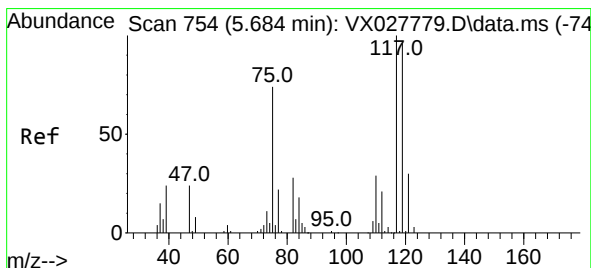
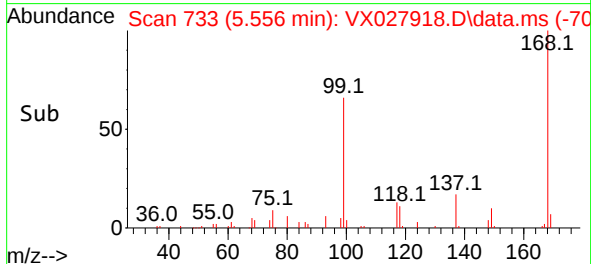
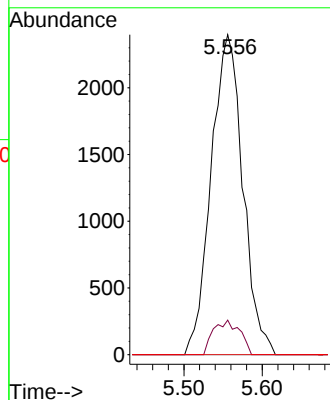
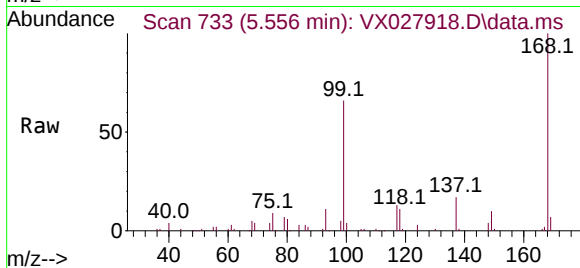




#36
1,1-Dichloropropene
Concen: 5.856 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

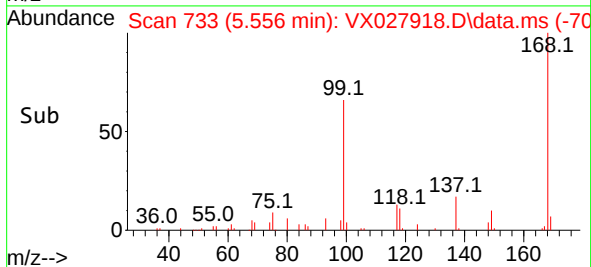
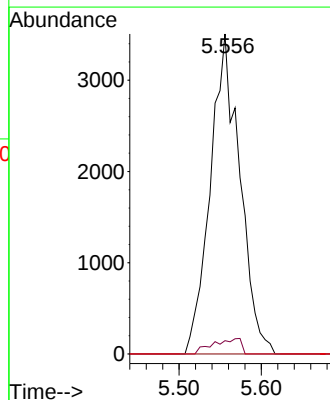
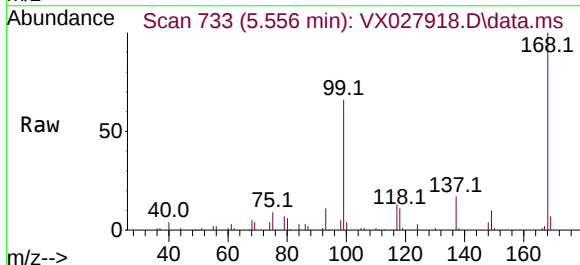
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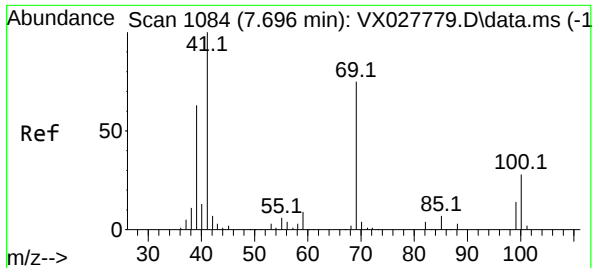
Tgt Ion: 75 Resp: 6740
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.897 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

Tgt Ion: 117 Resp: 8769
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#





#48

Methyl methacrylate

Concen: 0.597 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. -0.104 min

Lab File: VX027918.D

Acq: 02 Apr 2022 06:18

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

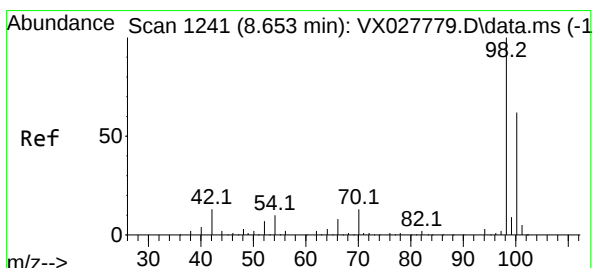
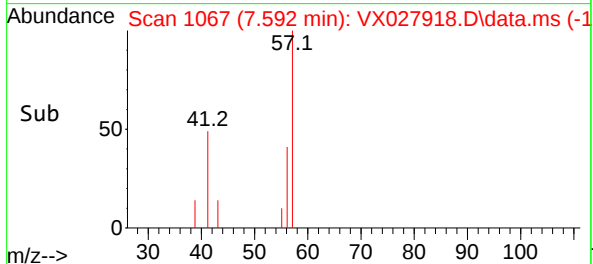
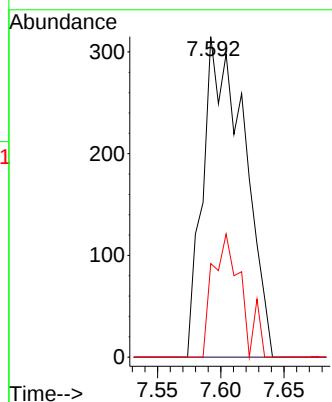
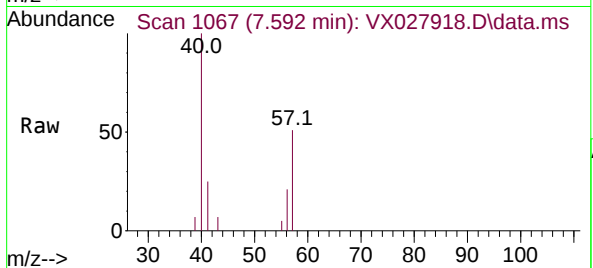
Tgt Ion: 41 Resp: 716

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 26.5 43.8 65.8#



#50

Toluene-d8

Concen: 52.528 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027918.D

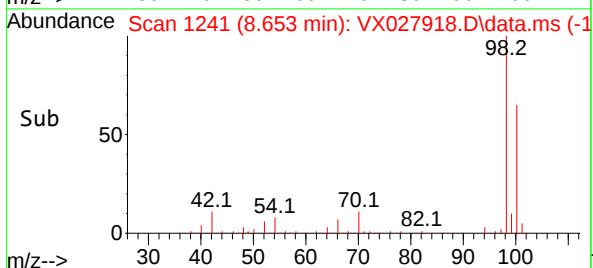
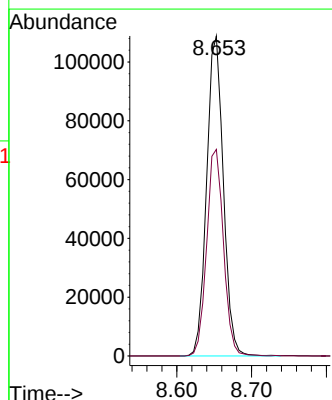
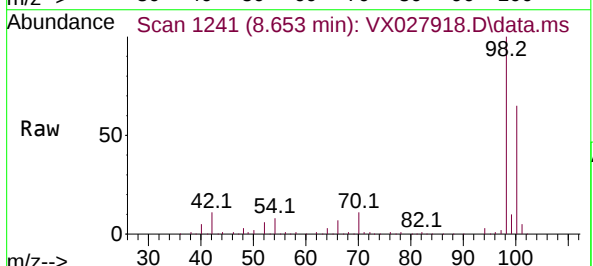
Acq: 02 Apr 2022 06:18

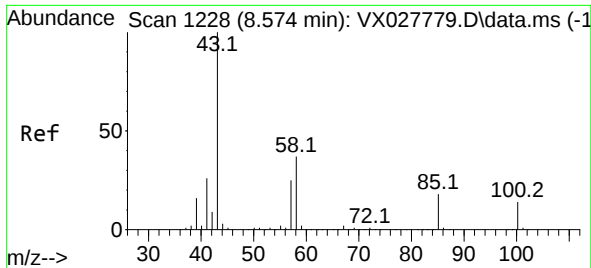
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Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

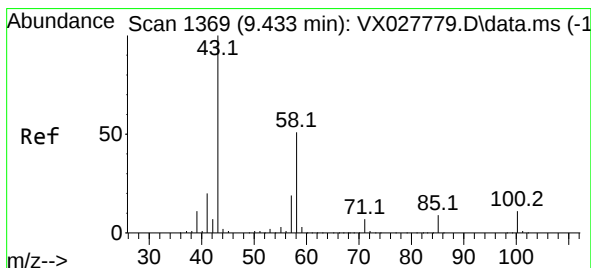
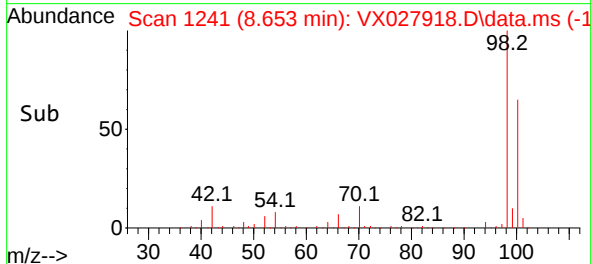
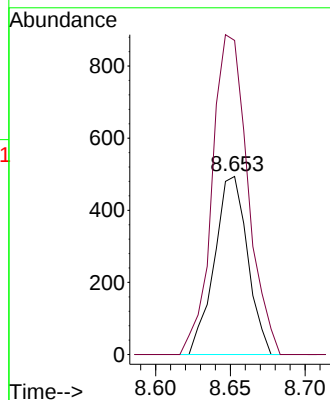
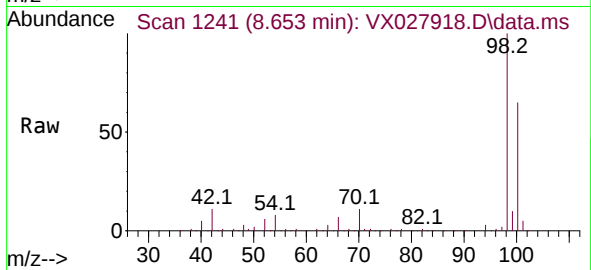




#51
 4-Methyl-2-Pentanone
 Concen: 0.481 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. 0.079 min
 Lab File: VX027918.D
 Acq: 02 Apr 2022 06:18

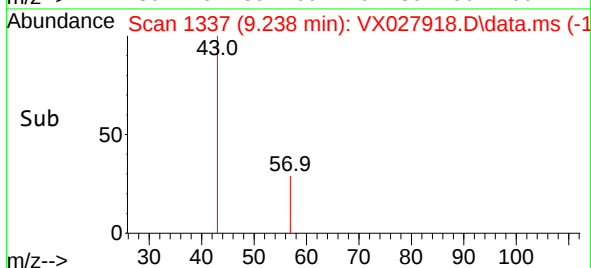
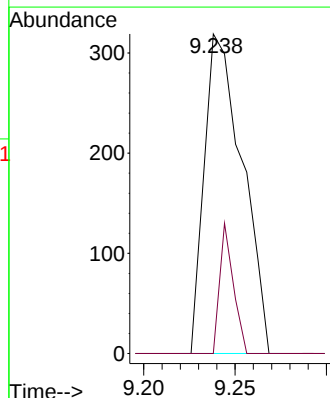
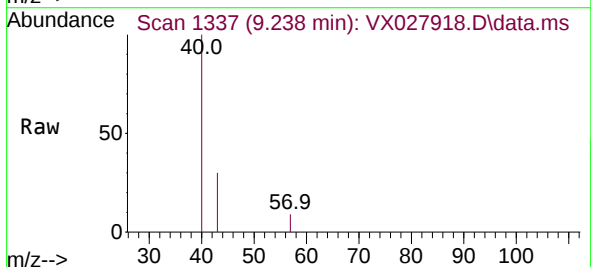
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

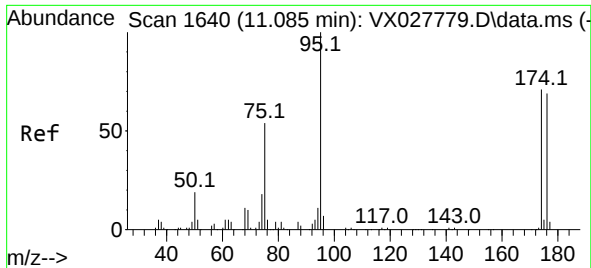
Tgt Ion: 43 Resp: 762
 Ion Ratio Lower Upper
 43 100
 58 193.2 36.1 54.1#



#59
 2-Hexanone
 Concen: 0.378 ug/l
 RT: 9.238 min Scan# 1337
 Delta R.T. -0.195 min
 Lab File: VX027918.D
 Acq: 02 Apr 2022 06:18

Tgt Ion: 43 Resp: 461
 Ion Ratio Lower Upper
 43 100
 58 14.5 31.9 95.7#

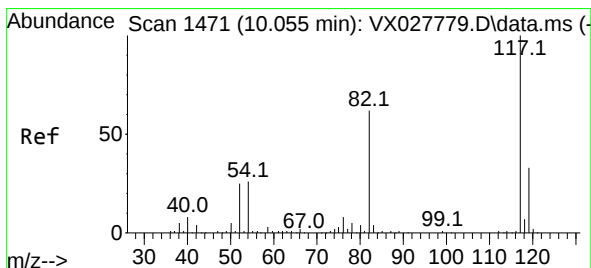
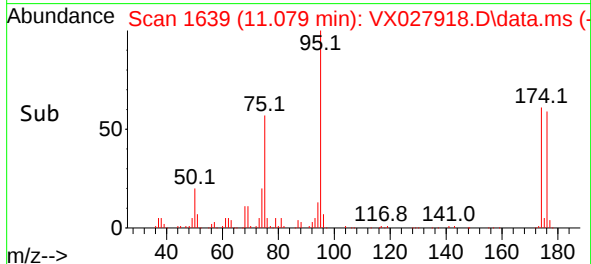
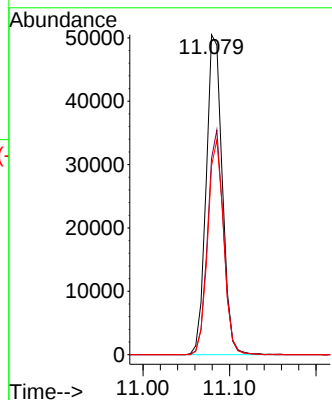
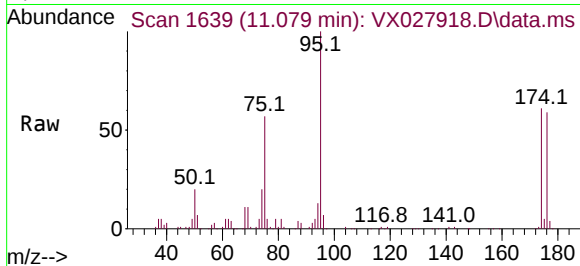




#62
4-Bromofluorobenzene
Concen: 47.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

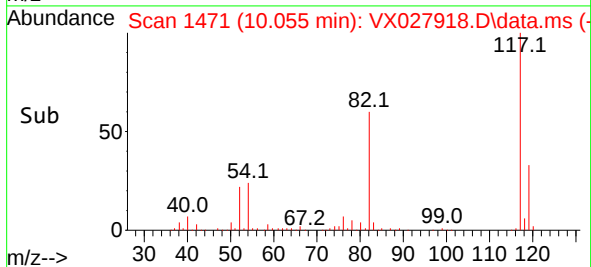
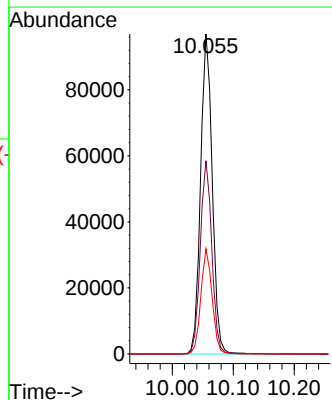
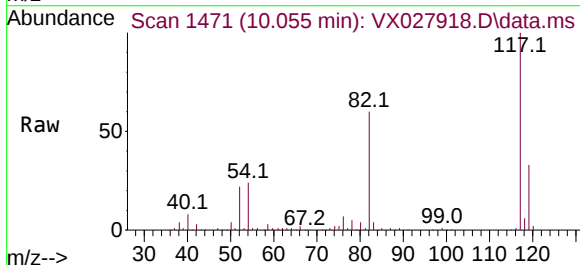
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

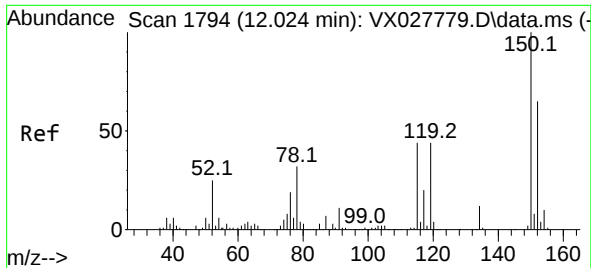
Tgt Ion: 95 Resp: 65256
Ion Ratio Lower Upper
95 100
174 68.7 0.0 163.0
176 66.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027918.D
Acq: 02 Apr 2022 06:18

Tgt Ion: 117 Resp: 128418
Ion Ratio Lower Upper
117 100
82 60.4 41.8 62.8
119 32.8 24.8 37.2

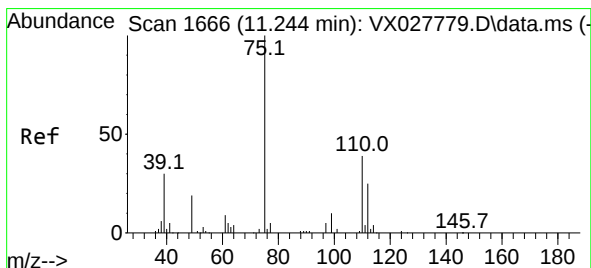
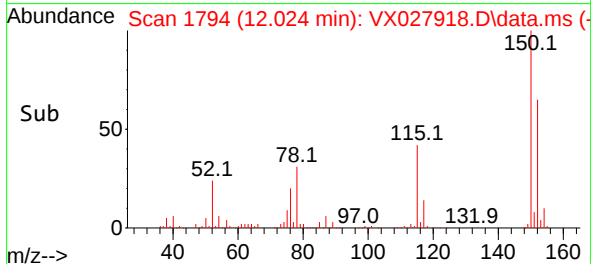
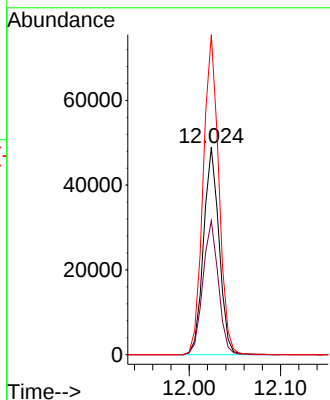
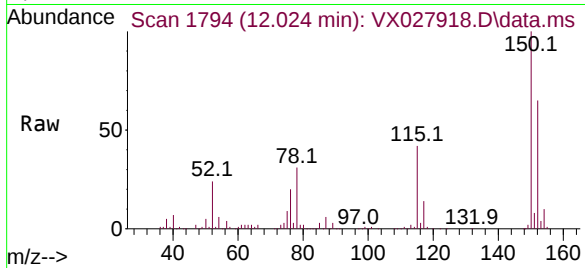




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027918.D
 Acq: 02 Apr 2022 06:18

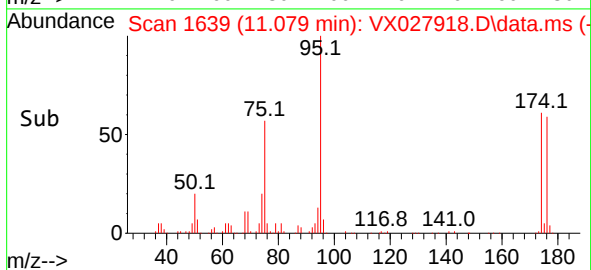
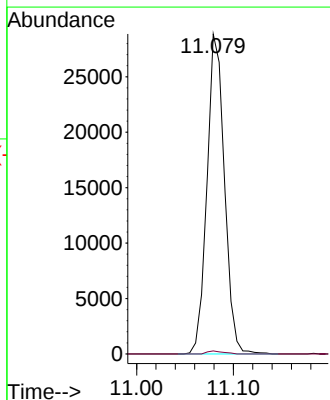
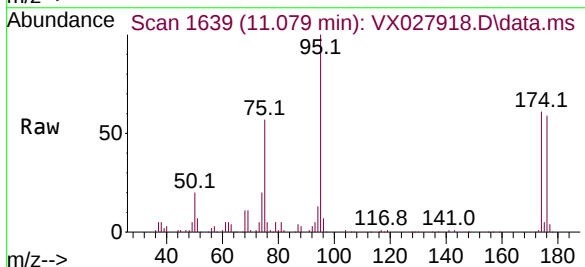
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

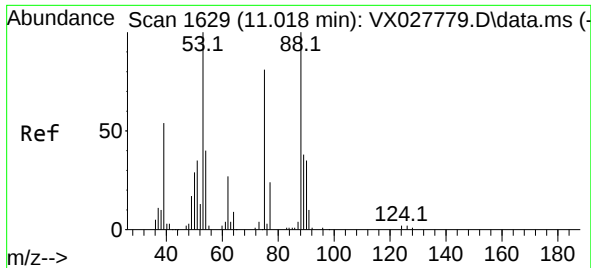
Tgt Ion:152 Resp: 57408
 Ion Ratio Lower Upper
 152 100
 115 64.4 37.5 112.7
 150 155.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 26.940 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027918.D
 Acq: 02 Apr 2022 06:18

Tgt Ion: 75 Resp: 36280
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.827 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027918.D
 Acq: 02 Apr 2022 06:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Tgt Ion: 75 Resp: 36280
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

