

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032133.D
 Acq On : 14 Oct 2022 14:43
 Operator : JC/MD
 Sample : N5145-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4R-101322

Quant Time: Oct 17 02:24:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

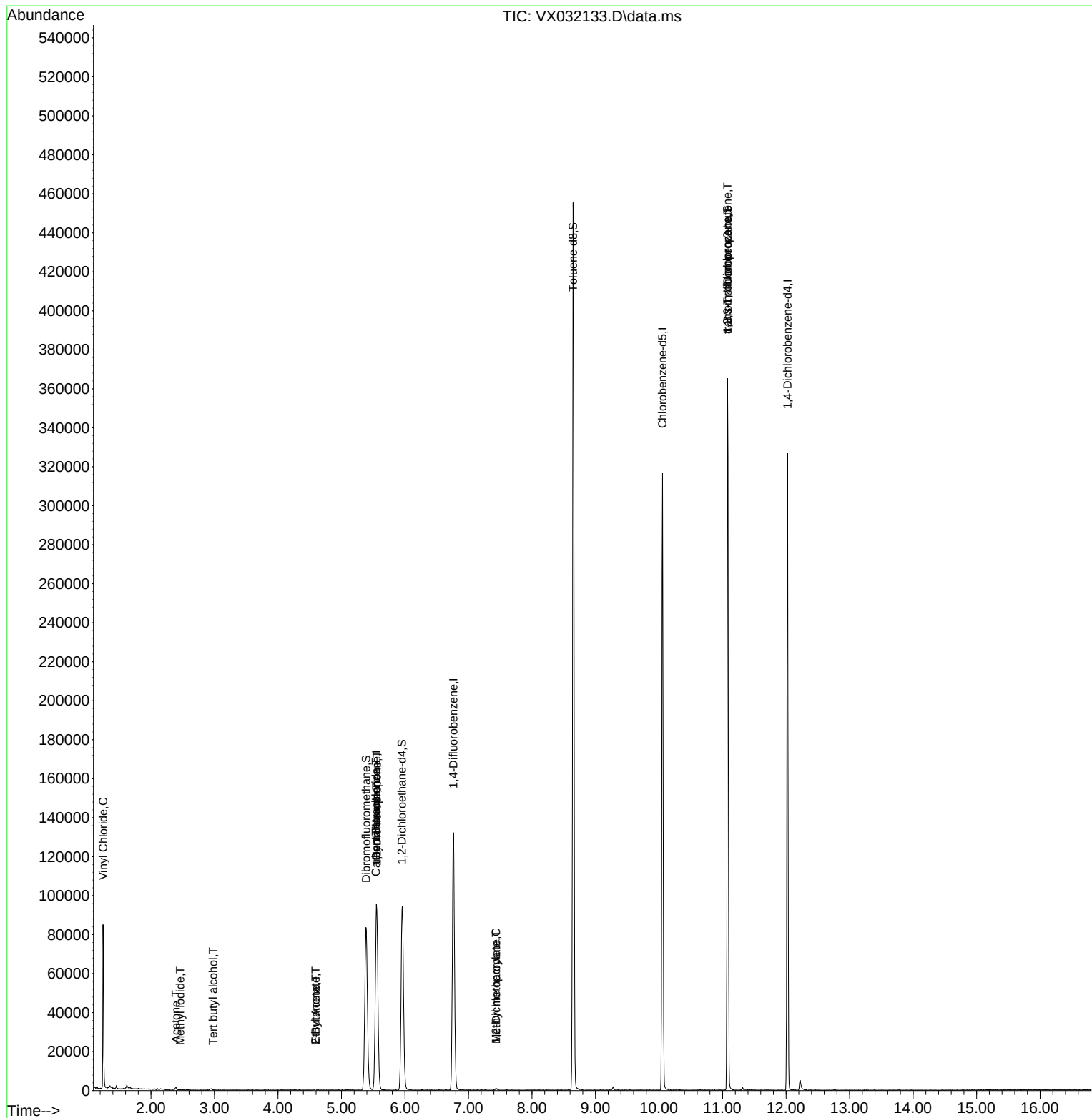
Internal Standards						
1) Pentafluorobenzene	5.550	168	85422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94677	53.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.340%			
35) Dibromofluoromethane	5.385	113	70101	48.290	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	8.647	98	259287	49.638	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.280%			
62) 4-Bromofluorobenzene	11.079	95	91521	49.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.120%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.246	62	731	0.470	ug/l #	43
5) Bromomethane	1.618	94	508	Below Cal		90
10) Methyl Iodide	2.459	142	284	2.942	ug/l #	73
11) Tert butyl alcohol	2.977	59	53	0.241	ug/l #	73
16) Acetone	2.392	43	1670	2.785	ug/l #	82
25) 2-Butanone	4.593	43	485	0.517	ug/l	95
31) Cyclohexane	5.550	56	2164	1.027	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	7291	3.788	ug/l #	50
37) Ethyl Acetate	4.593	43	485	0.268	ug/l #	68
38) Carbon Tetrachloride	5.544	117	9407	4.779	ug/l #	17
45) 1,2-Dichloropropane	7.434	63	391	0.282	ug/l #	41
48) Methyl methacrylate	7.434	41	308	0.234	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	52029	40.000	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	52029	135.332	ug/l #	11

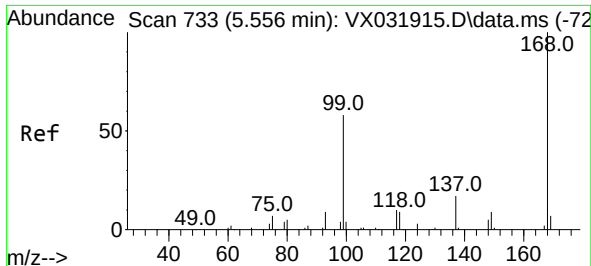
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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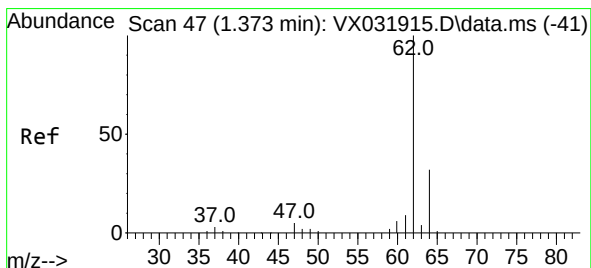
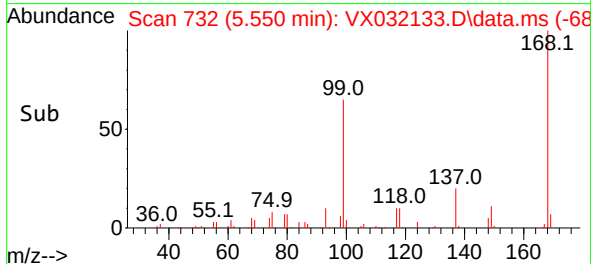
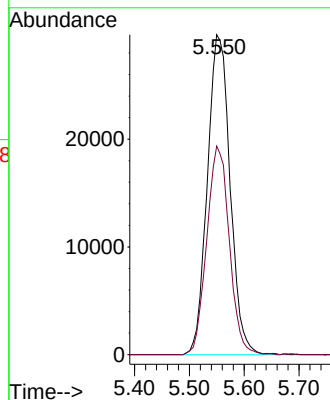
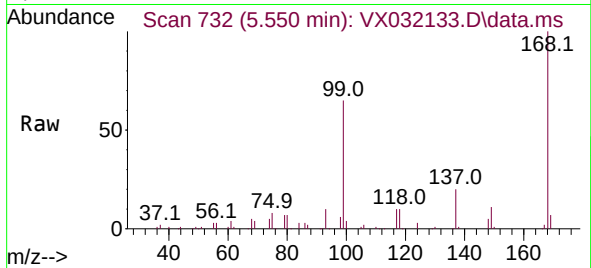




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

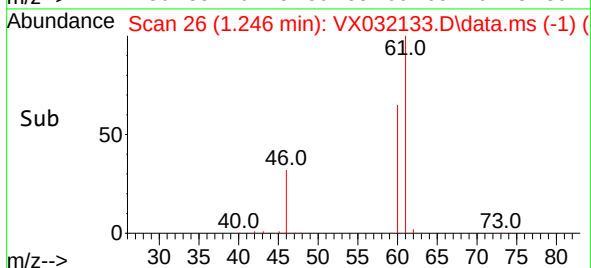
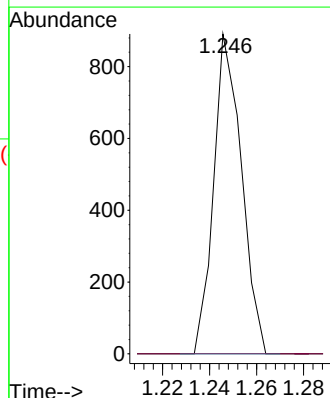
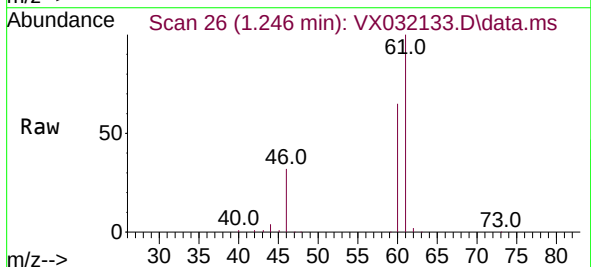
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-101322

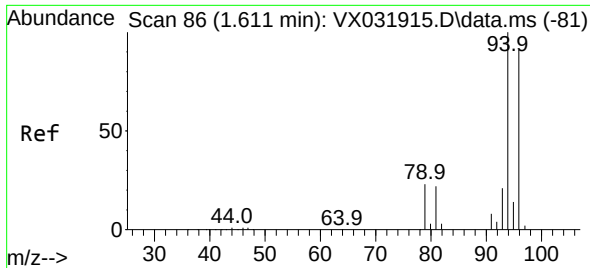
Tgt Ion:168 Resp: 85422
Ion Ratio Lower Upper
168 100
99 65.2 48.8 73.2



#4
Vinyl Chloride
Concen: 0.470 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.127 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

Tgt Ion: 62 Resp: 731
Ion Ratio Lower Upper
62 100
64 0.0 25.3 37.9#

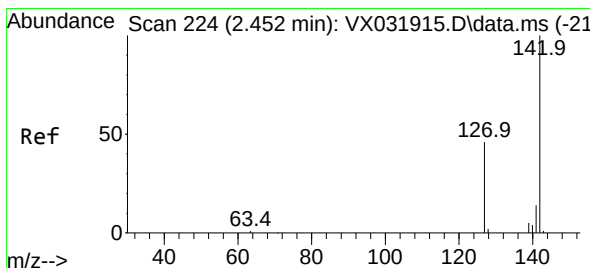
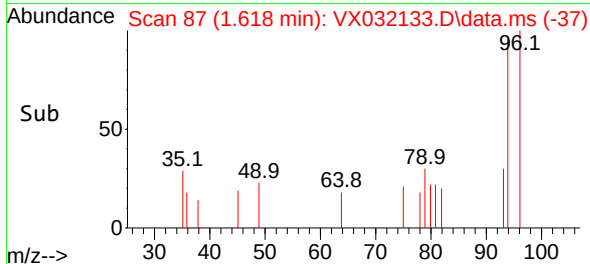
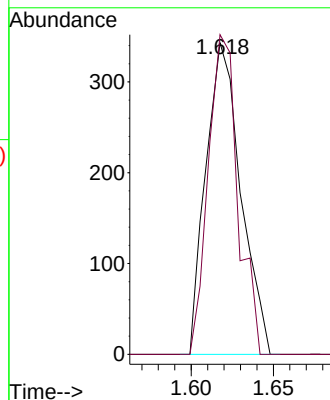
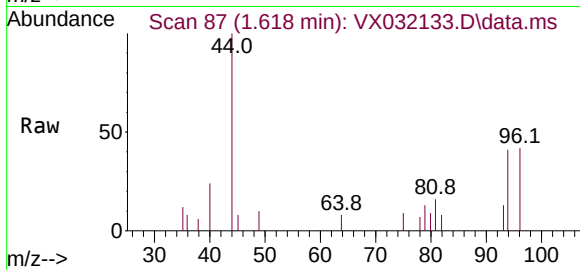




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

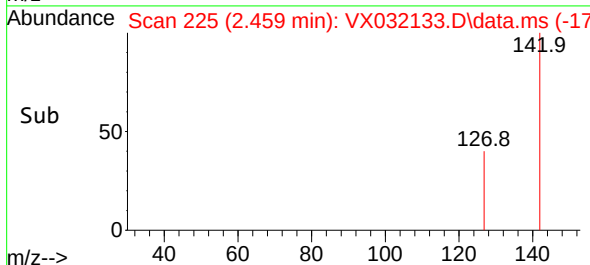
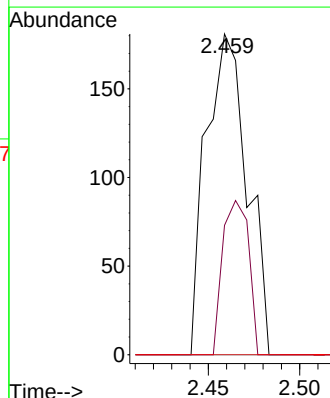
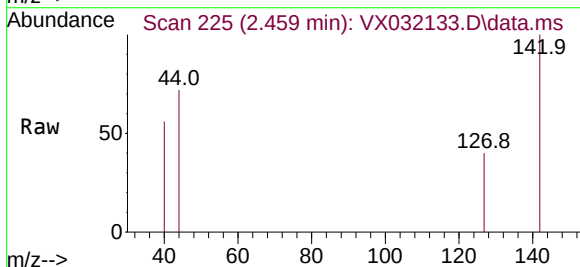
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-101322

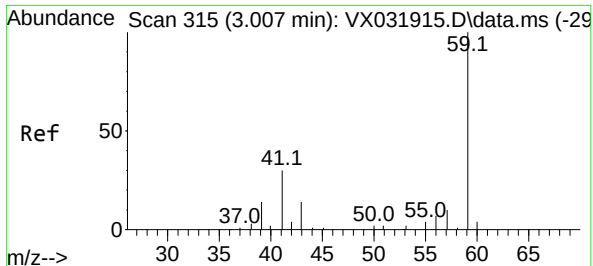
Tgt Ion: 94 Resp: 508
Ion Ratio Lower Upper
94 100
96 102.6 74.4 111.6



#10
Methyl Iodide
Concen: 2.942 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

Tgt Ion: 142 Resp: 284
Ion Ratio Lower Upper
142 100
127 30.3 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.241 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.030 min

Lab File: VX032133.D

Acq: 14 Oct 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

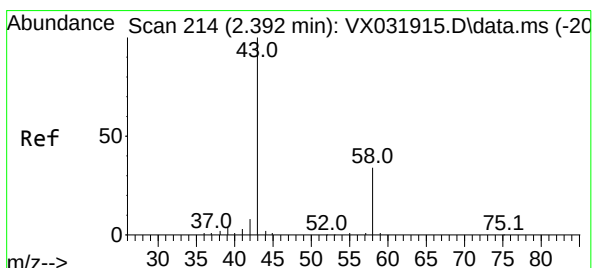
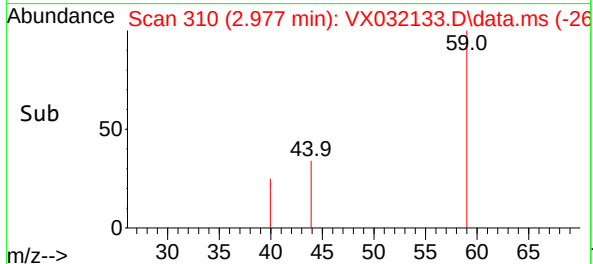
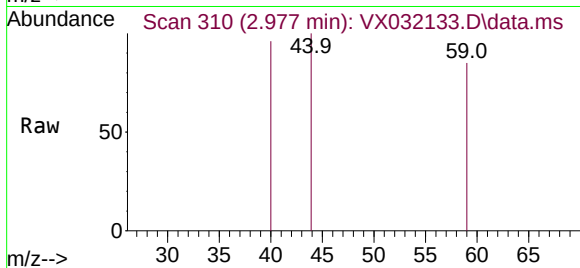
MW-4R-101322

Tgt Ion: 59 Resp: 53

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 2.785 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX032133.D

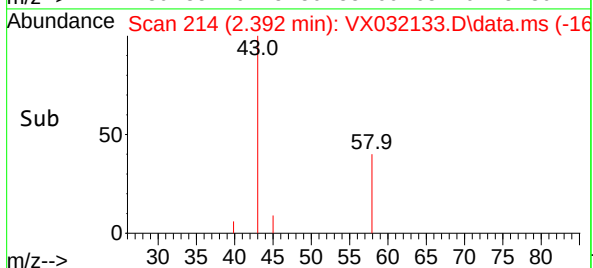
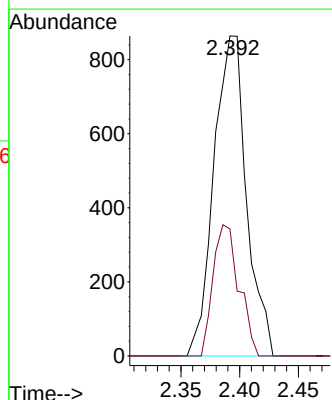
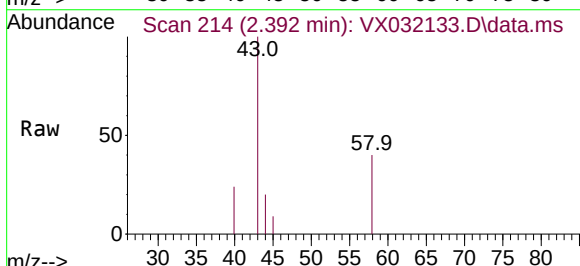
Acq: 14 Oct 2022 14:43

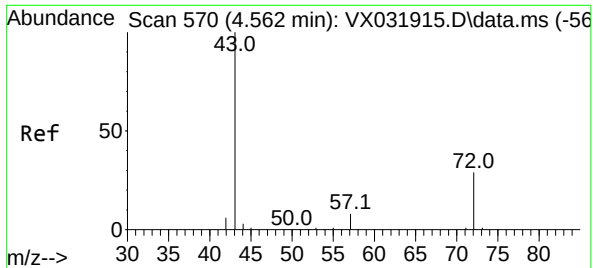
Tgt Ion: 43 Resp: 1670

Ion Ratio Lower Upper

43 100

58 39.7 23.8 35.8#

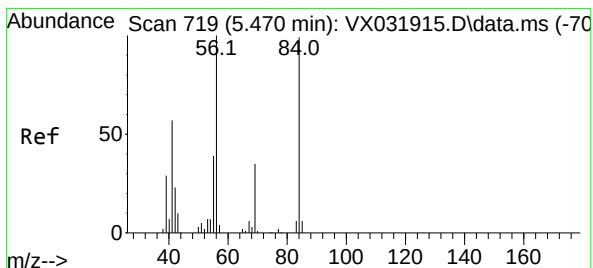
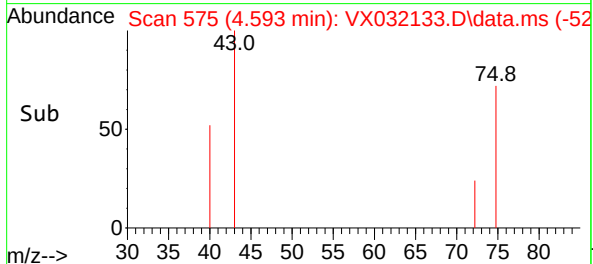
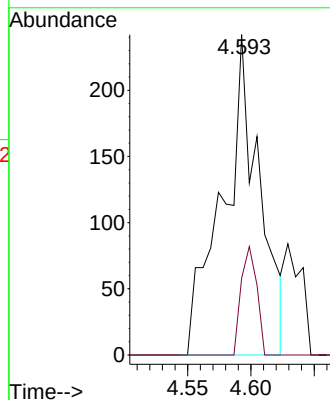
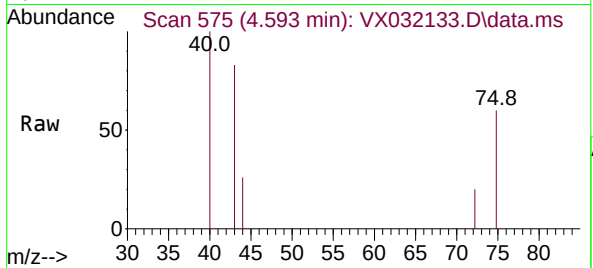




#25
2-Butanone
Concen: 0.517 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

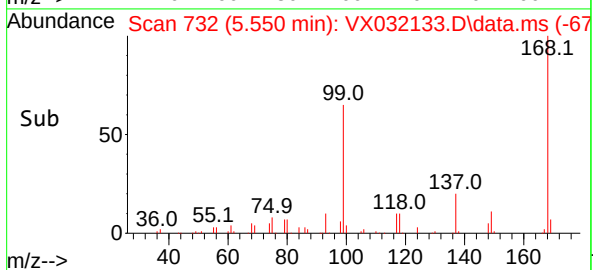
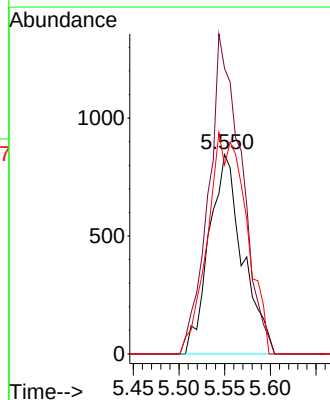
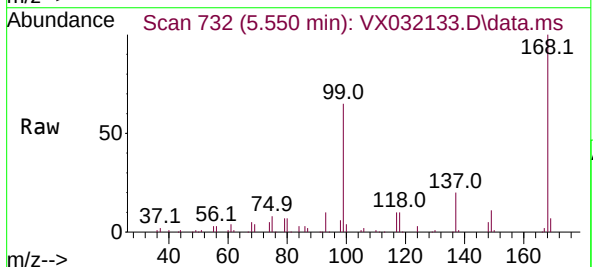
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-101322

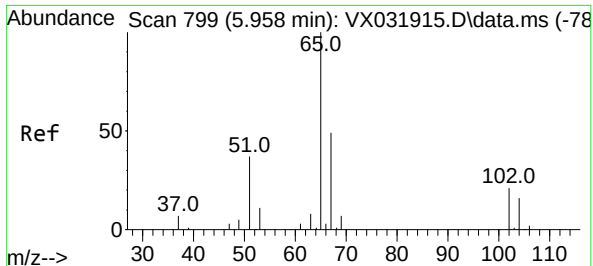
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
72 24.0 21.1 31.7



#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

Tgt Ion: 56 Resp: 2164
Ion Ratio Lower Upper
56 100
69 143.1 25.1 37.7#
84 94.7 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 53.667 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032133.D

Acq: 14 Oct 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

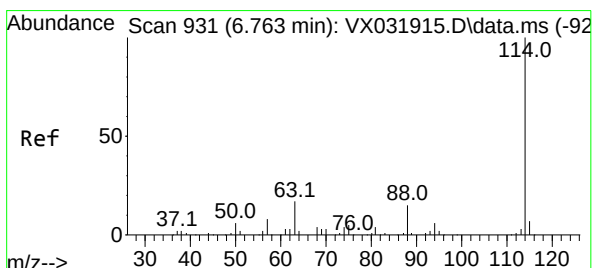
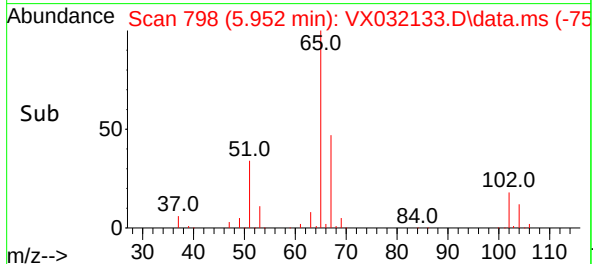
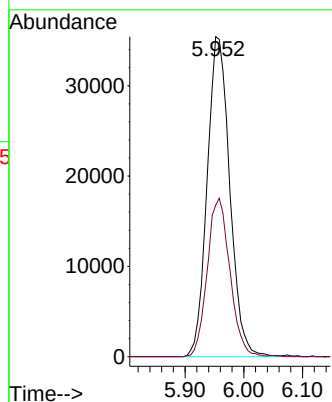
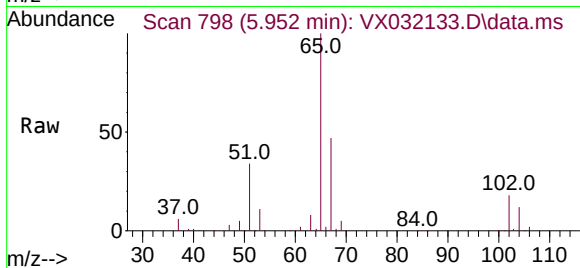
MW-4R-101322

Tgt Ion: 65 Resp: 94677

Ion Ratio Lower Upper

65 100

67 49.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032133.D

Acq: 14 Oct 2022 14:43

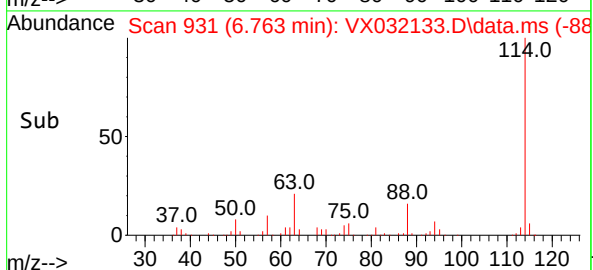
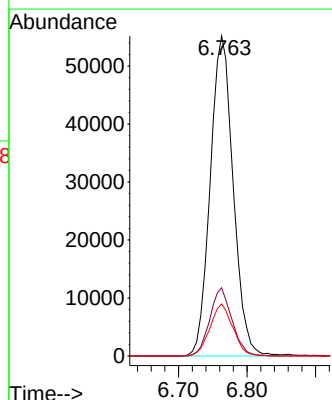
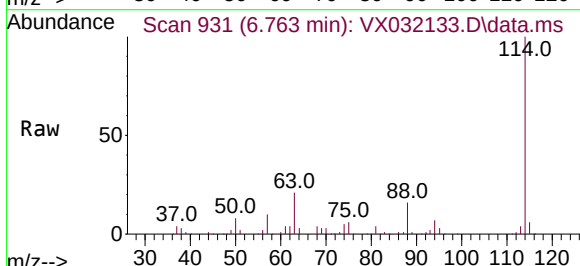
Tgt Ion: 114 Resp: 128245

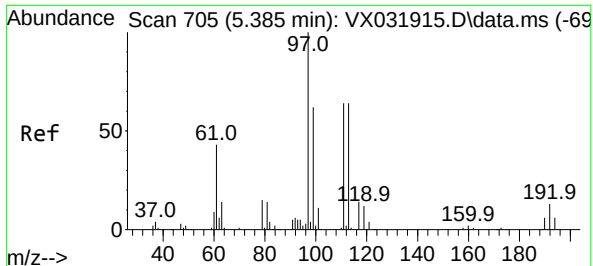
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 16.2 0.0 33.0

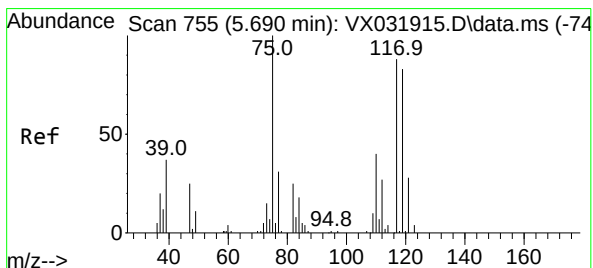
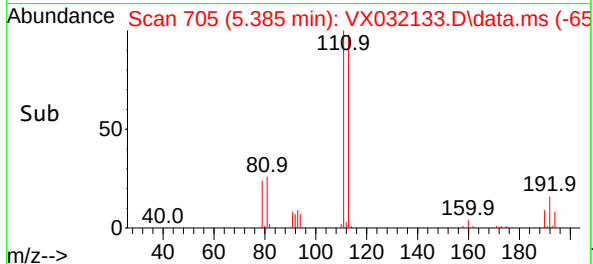
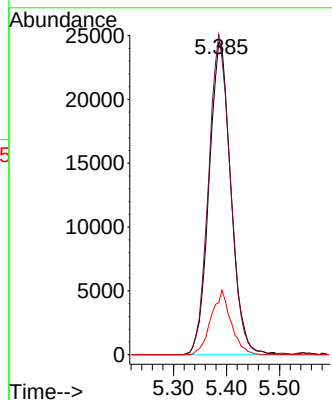
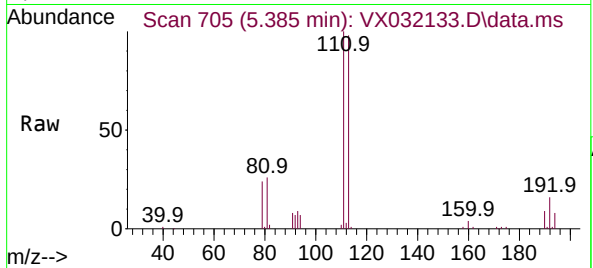




#35
Dibromofluoromethane
Concen: 48.290 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

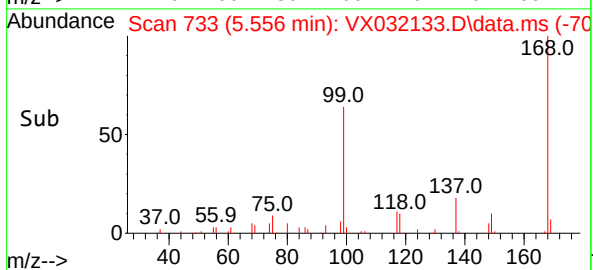
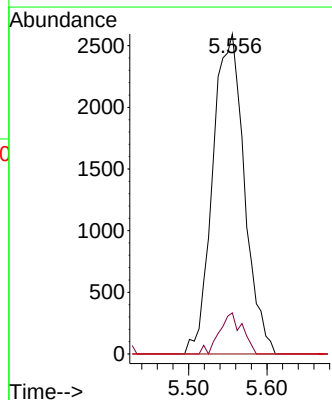
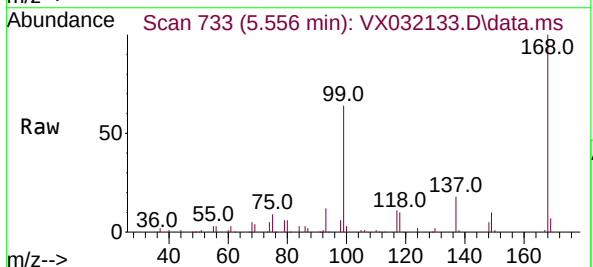
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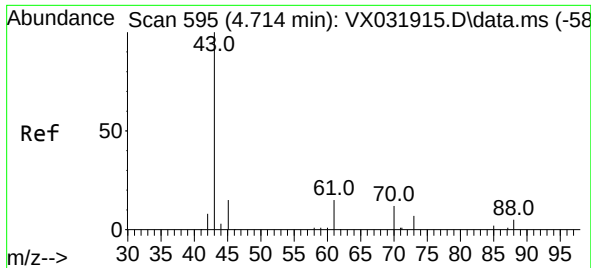
Tgt Ion:113 Resp: 70101
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.788 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

Tgt Ion: 75 Resp: 7291
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.268 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.121 min

Lab File: VX032133.D

Acq: 14 Oct 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

MW-4R-101322

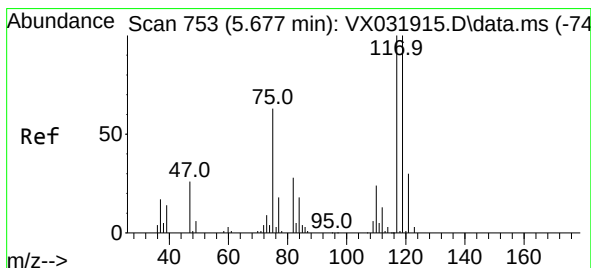
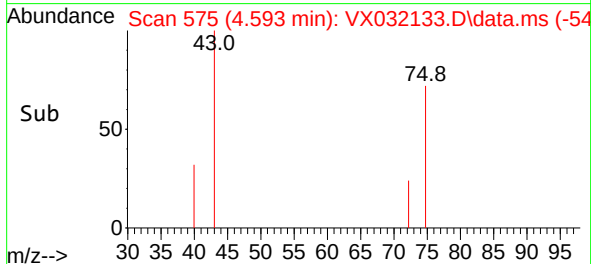
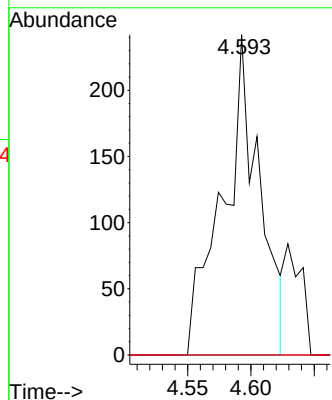
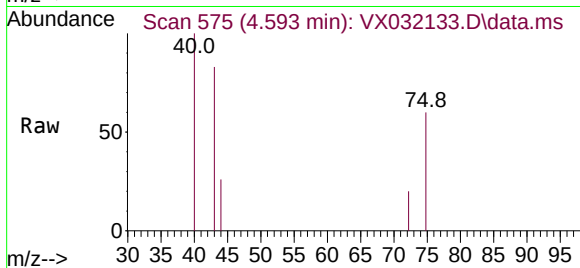
Tgt Ion: 43 Resp: 485

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 4.779 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.133 min

Lab File: VX032133.D

Acq: 14 Oct 2022 14:43

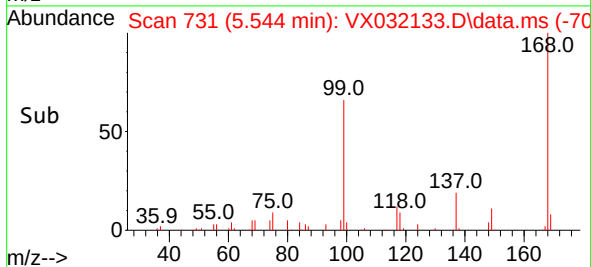
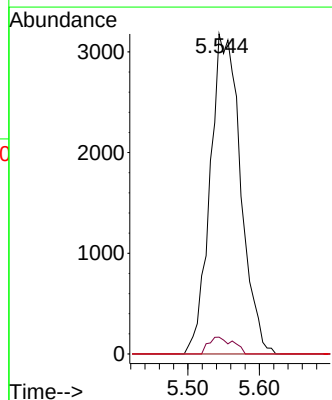
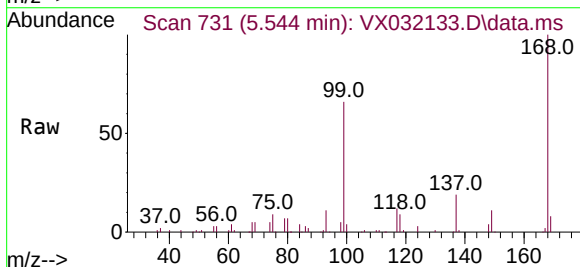
Tgt Ion: 117 Resp: 9407

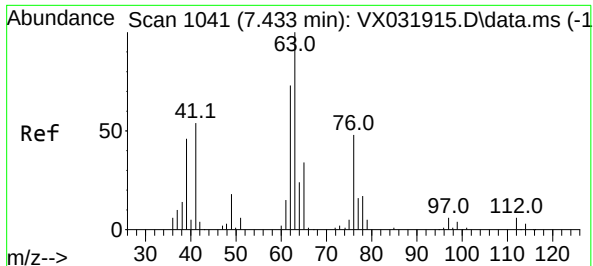
Ion Ratio Lower Upper

117 100

119 5.3 74.6 112.0#

121 0.0 25.3 37.9#





#45

1,2-Dichloropropane

Concen: 0.282 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX032133.D

Acq: 14 Oct 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

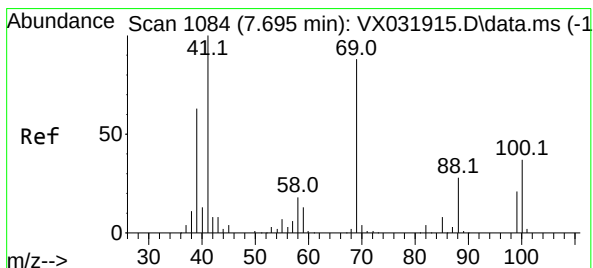
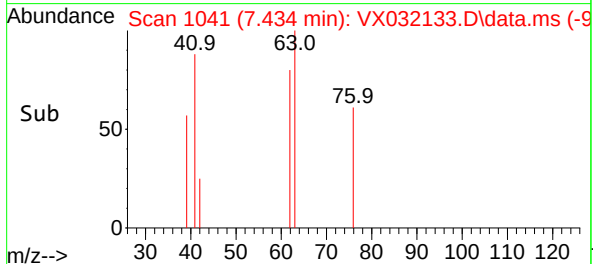
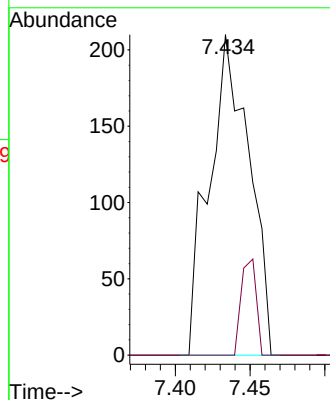
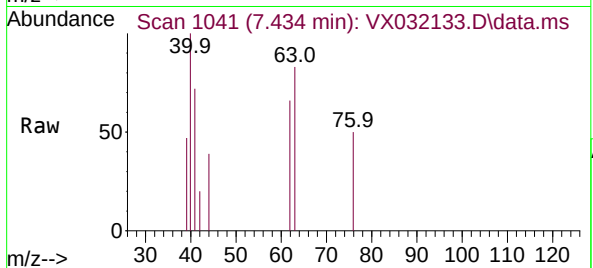
MW-4R-101322

Tgt Ion: 63 Resp: 391

Ion Ratio Lower Upper

63 100

65 0.0 26.6 39.8#



#48

Methyl methacrylate

Concen: 0.234 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.261 min

Lab File: VX032133.D

Acq: 14 Oct 2022 14:43

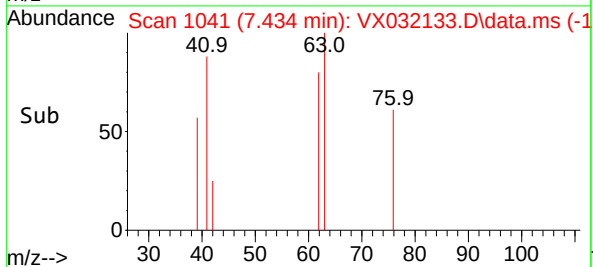
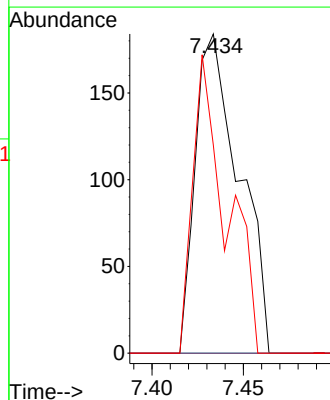
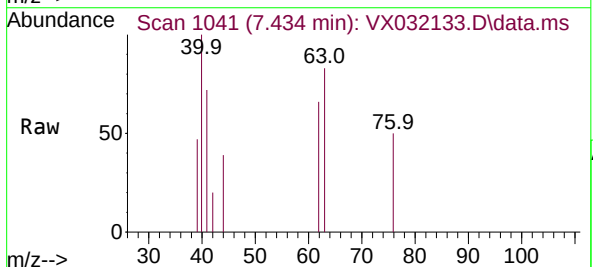
Tgt Ion: 41 Resp: 308

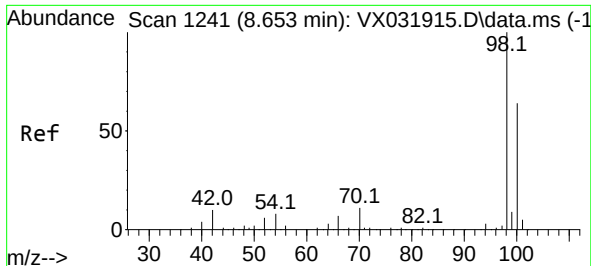
Ion Ratio Lower Upper

41 100

69 0.0 64.6 96.8#

39 71.4 51.4 77.0

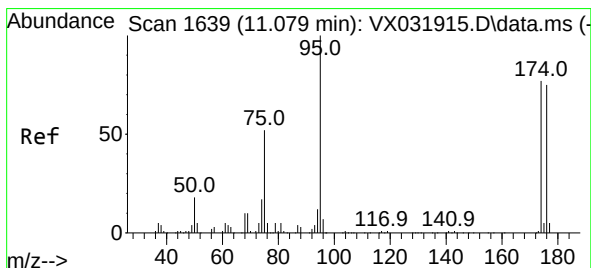
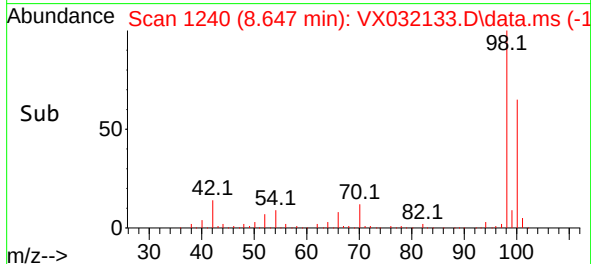
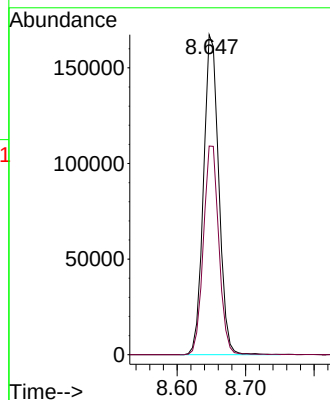
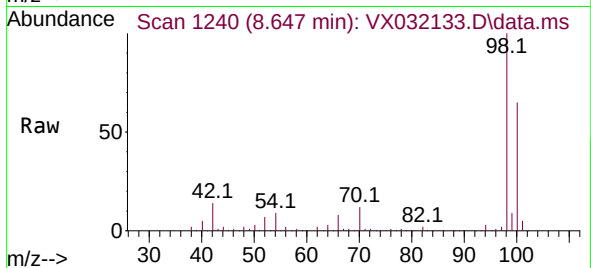




#50
Toluene-d8
Concen: 49.638 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

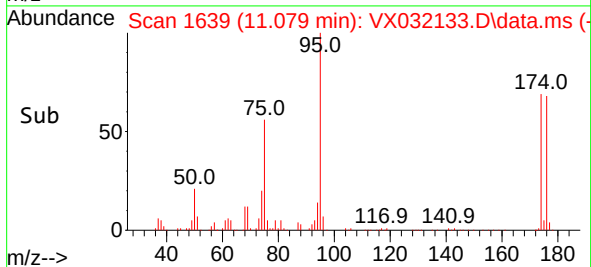
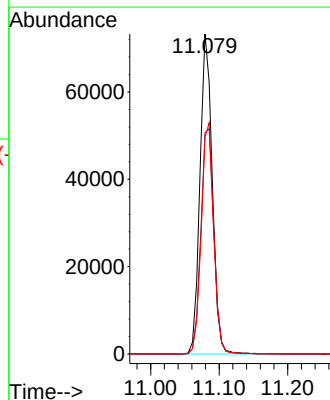
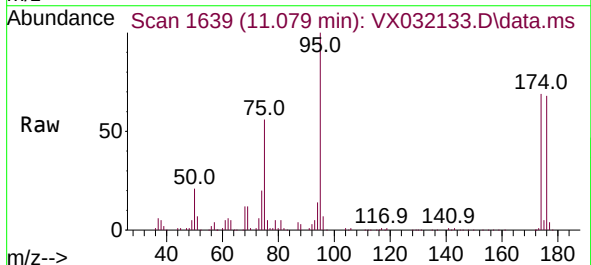
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-101322

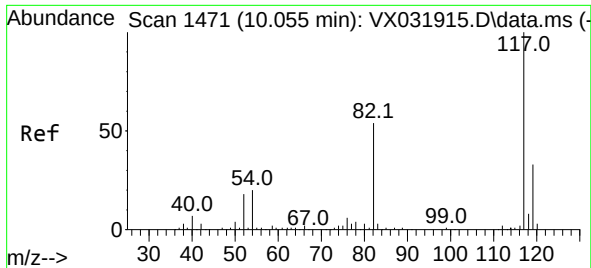
Tgt Ion: 98 Resp: 259287
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.560 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

Tgt Ion: 95 Resp: 91521
Ion Ratio Lower Upper
95 100
174 74.5 0.0 153.2
176 72.6 0.0 144.0

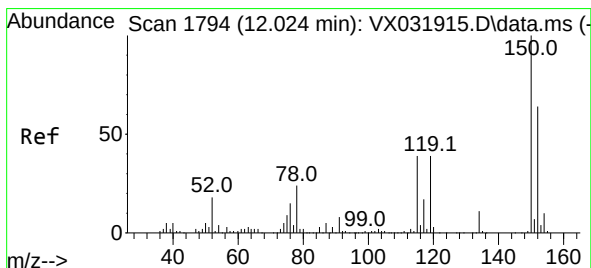
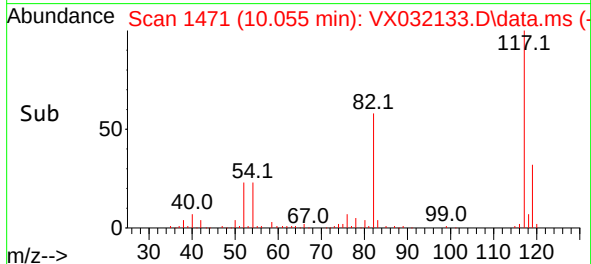
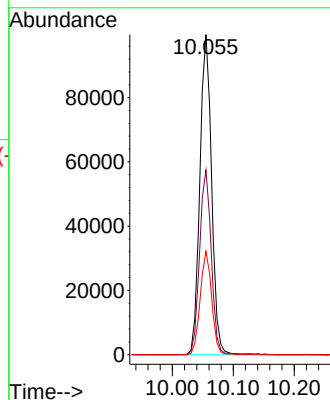
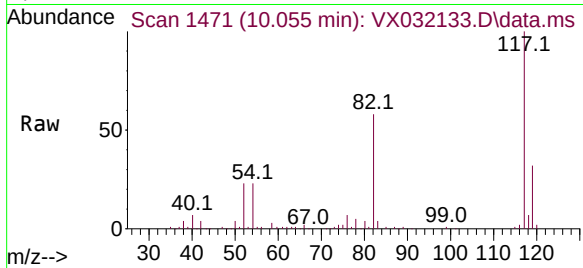




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

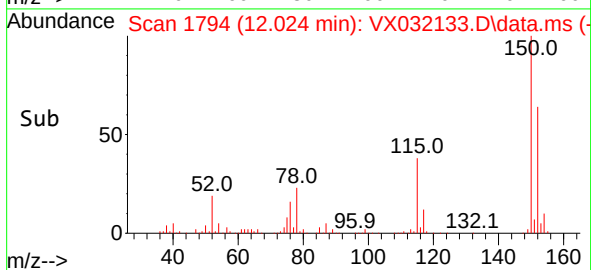
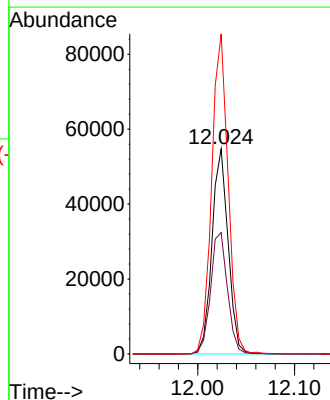
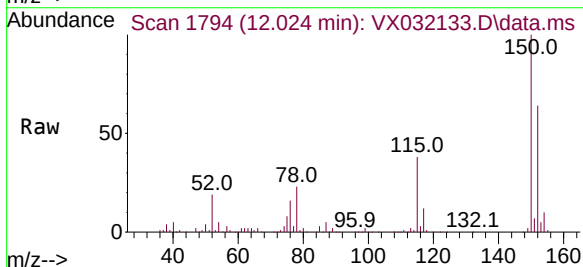
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-101322

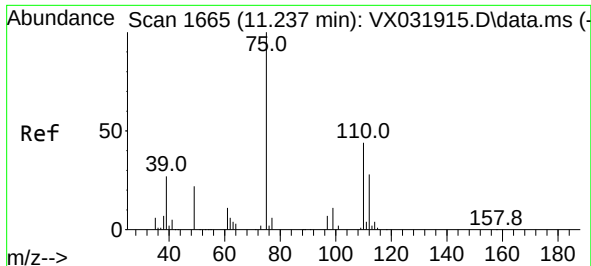
Tgt Ion:117 Resp: 133228
Ion Ratio Lower Upper
117 100
82 57.7 46.8 70.2
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

Tgt Ion:152 Resp: 63465
Ion Ratio Lower Upper
152 100
115 62.0 43.4 130.1
150 158.9 0.0 346.8

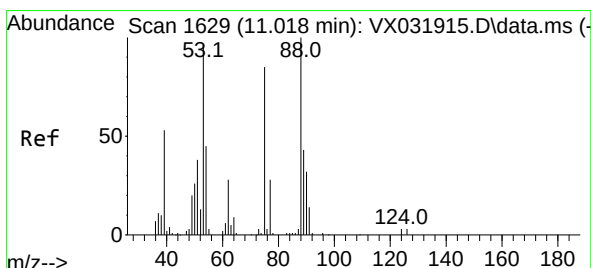
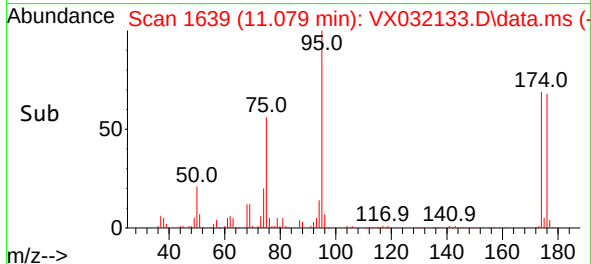
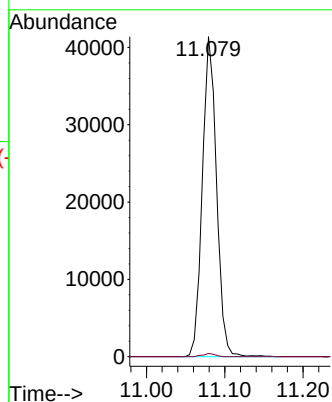
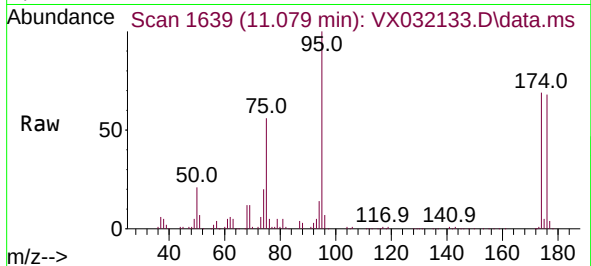




#76
1,2,3-Trichloropropane
Concen: 40.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

Instrument :
MSVOA_X
ClientSampleId :
MW-4R-101322

Tgt Ion: 75 Resp: 52029
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.332 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032133.D
Acq: 14 Oct 2022 14:43

Tgt Ion: 75 Resp: 52029
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

