

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028647.D
 Acq On : 12 May 2022 18:49
 Operator : JC/MD
 Sample : N2799-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: May 13 02:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	218311	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	410200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163100	54.502	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.000%
35) Dibromofluoromethane	5.391	113	137932	51.322	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.640%
50) Toluene-d8	8.653	98	500905	49.435	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.860%
62) 4-Bromofluorobenzene	11.085	95	183108	48.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.760%

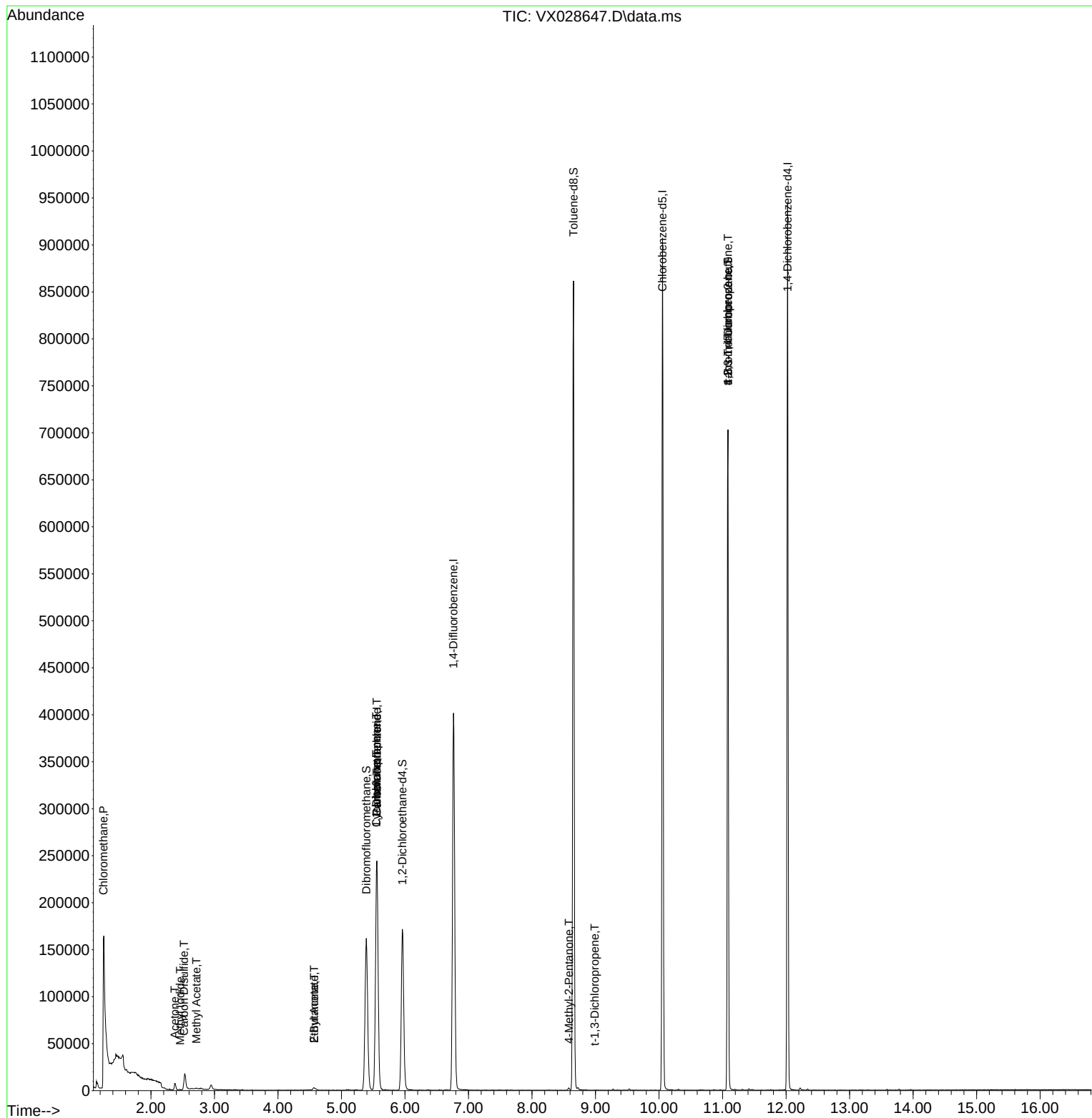
Target Compounds					Qvalue	
3) Chloromethane	1.251	50	6401	2.378	ug/l	# 42
5) Bromomethane	1.611	94	706	Below Cal		# 78
6) Chloroethane	1.940	64	677	Below Cal		# 51
10) Methyl Iodide	2.459	142	600	0.206	ug/l	# 82
11) Tert butyl alcohol	2.946	59	3049	Below Cal		# 72
16) Acetone	2.373	43	7744	6.030	ug/l	93
17) Carbon Disulfide	2.520	76	7431	1.269	ug/l	# 91
18) Methyl Acetate	2.715	43	727	0.226	ug/l	# 71
25) 2-Butanone	4.568	43	1518	0.753	ug/l	100
31) Cyclohexane	5.549	56	5553	1.337	ug/l	# 50
36) 1,1-Dichloropropene	5.549	75	18550	4.595	ug/l	# 49
37) Ethyl Acetate	4.568	43	1518	0.360	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	24326	5.988	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.579	43	1533	0.353	ug/l	# 82
53) t-1,3-Dichloropropene	8.988	75	23	1.646	ug/l	# 43
76) 1,2,3-Trichloropropane	11.085	75	97190	23.246	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	97190	67.852	ug/l	# 15

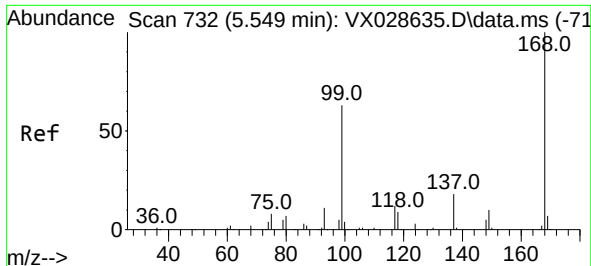
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 13 02:48:38 2022
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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

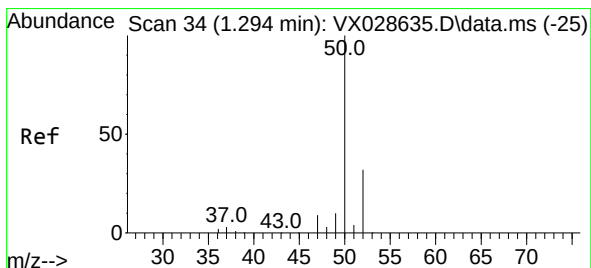
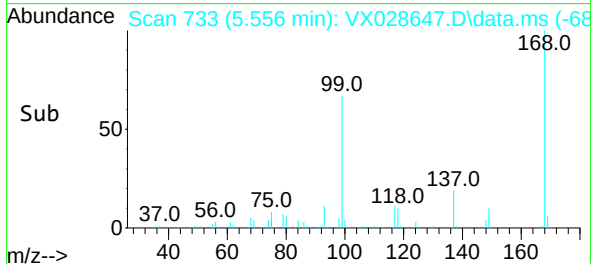
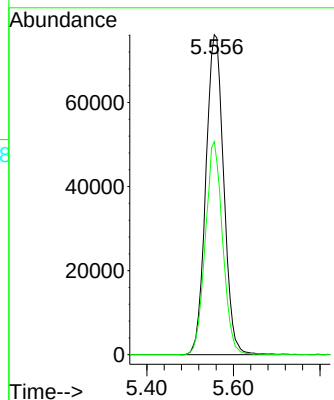
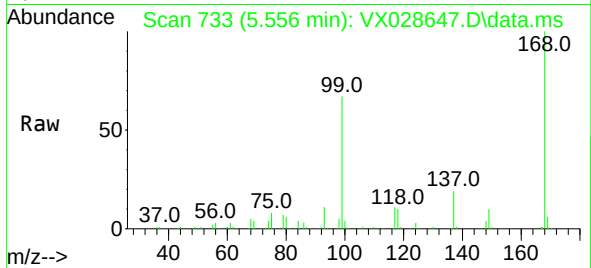




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

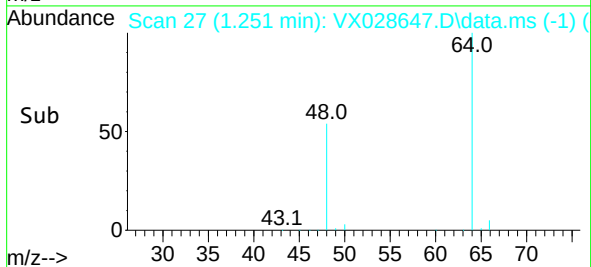
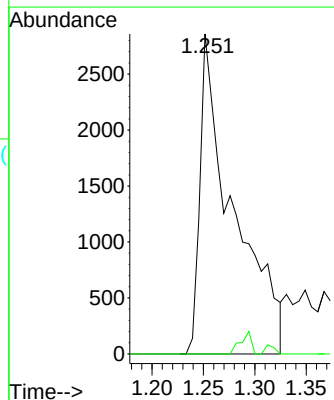
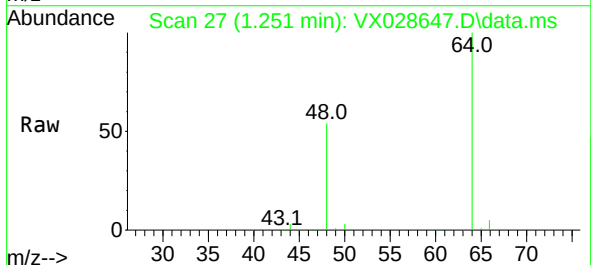
Instrument :
MSVOA_X
ClientSampleId :
MW-1

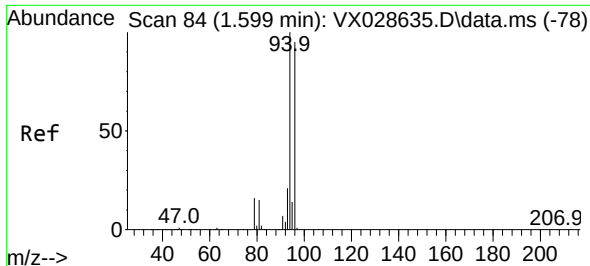
Tgt Ion:168 Resp: 218311
Ion Ratio Lower Upper
168 100
99 66.6 41.7 62.5#



#3
Chloromethane
Concen: 2.378 ug/l
RT: 1.251 min Scan# 27
Delta R.T. -0.043 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

Tgt Ion: 50 Resp: 6401
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

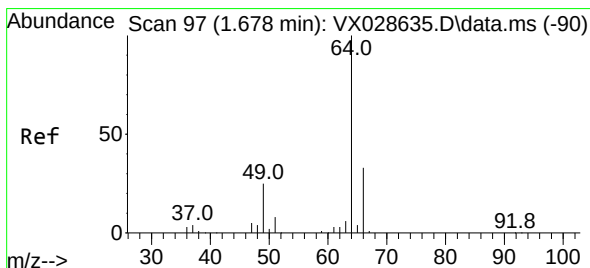
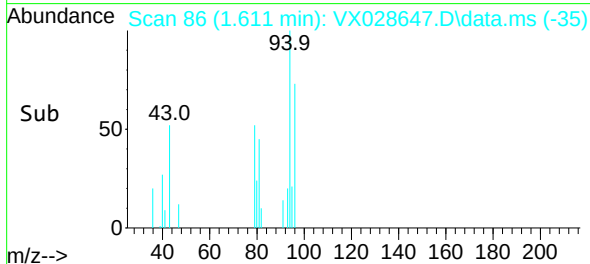
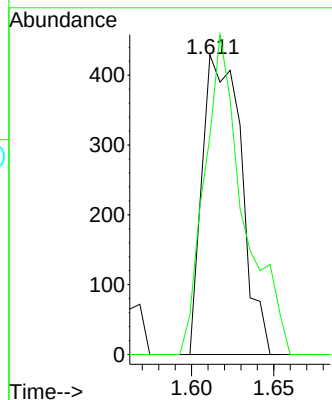
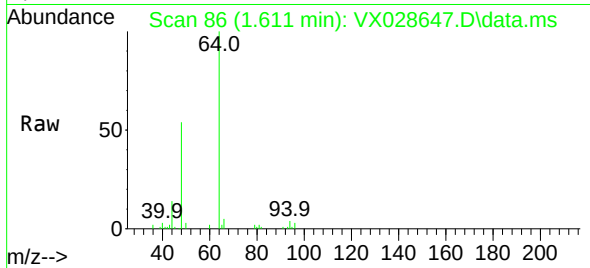




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

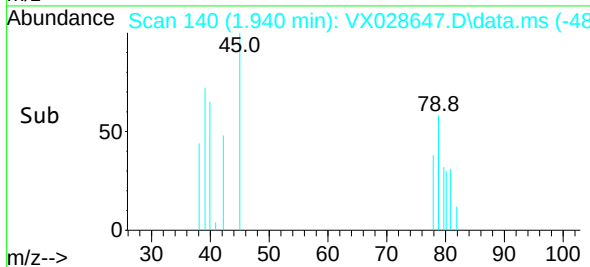
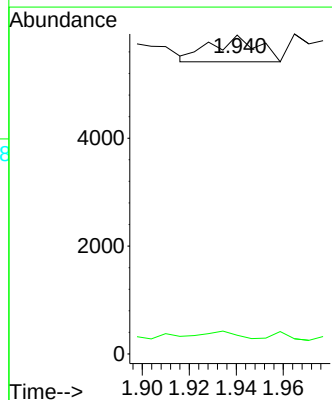
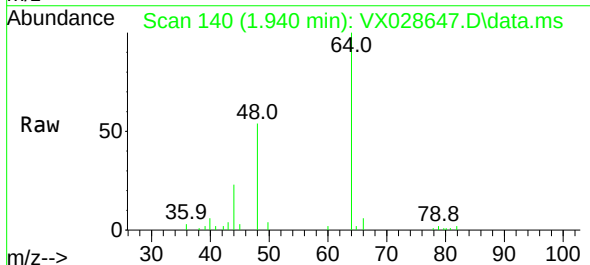
Instrument :
MSVOA_X
ClientSampleId :
MW-1

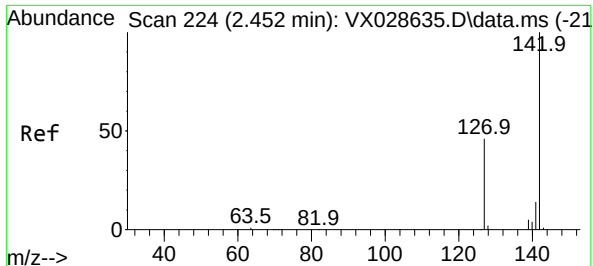
Tgt Ion: 94 Resp: 706
Ion Ratio Lower Upper
94 100
96 73.0 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.940 min Scan# 140
Delta R.T. 0.262 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

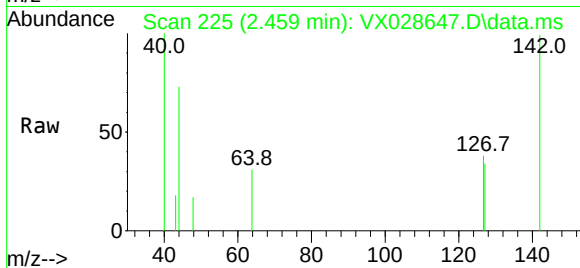
Tgt Ion: 64 Resp: 677
Ion Ratio Lower Upper
64 100
66 4.2 25.3 37.9#



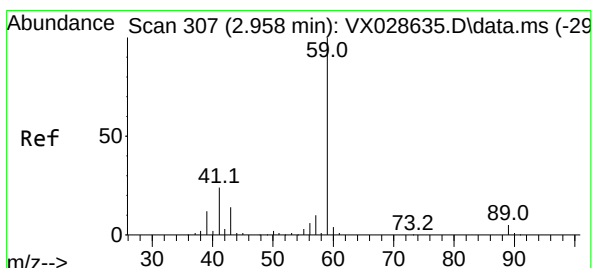
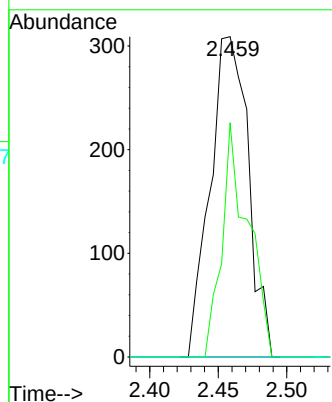
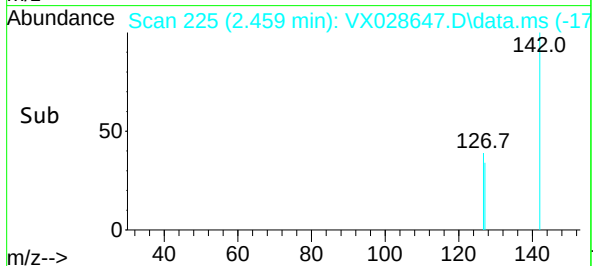


#10
Methyl Iodide
Concen: 0.206 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

Instrument :
MSVOA_X
ClientSampleId :
MW-1

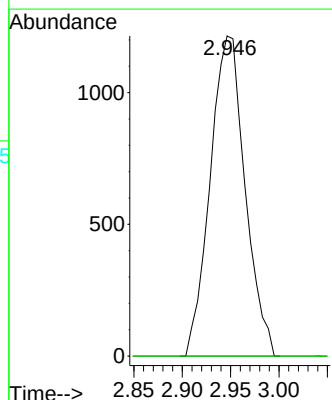
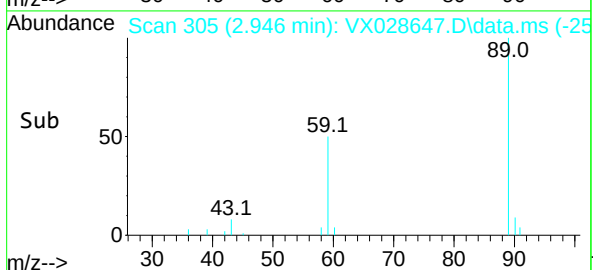
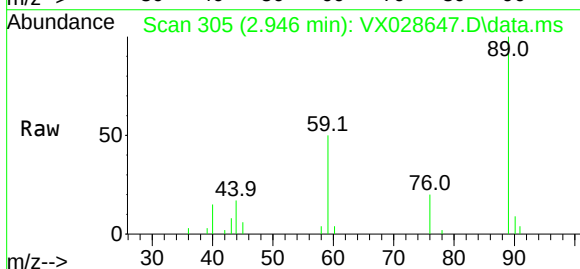


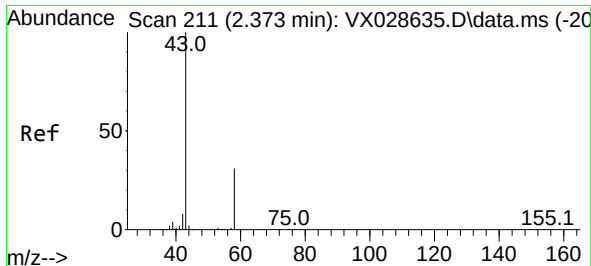
Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
142 100
127 49.8 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

Tgt Ion: 59 Resp: 3049
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

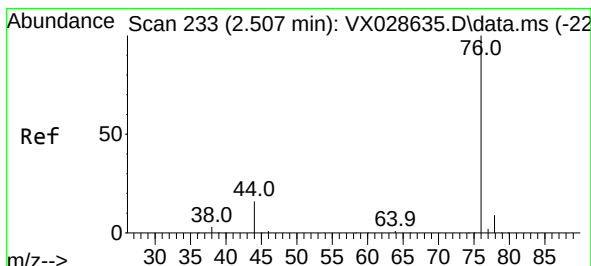
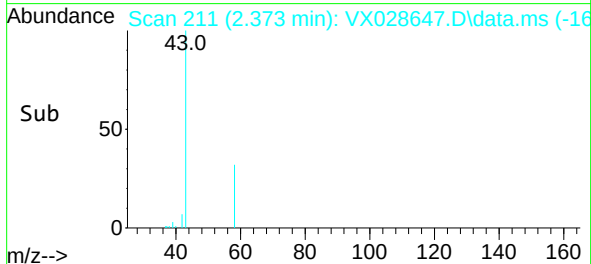
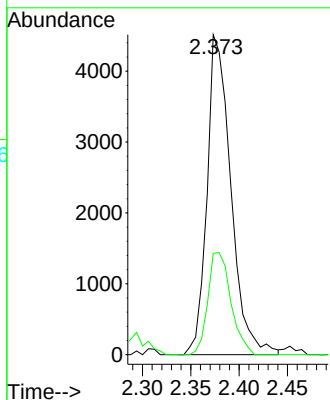
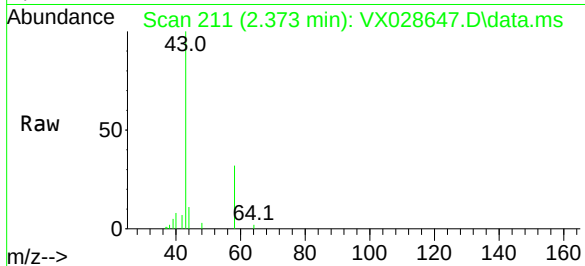




#16
Acetone
Concen: 6.030 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

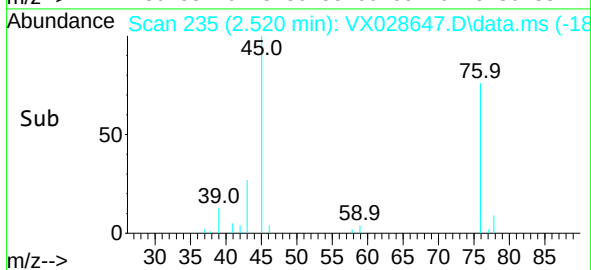
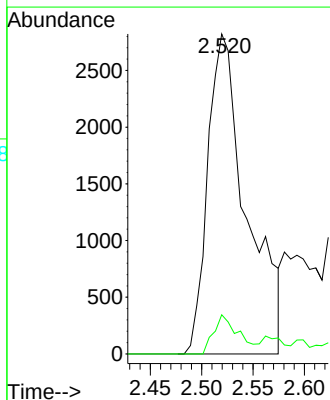
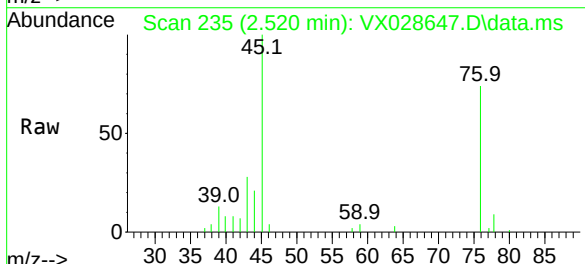
Instrument :
MSVOA_X
ClientSampleId :
MW-1

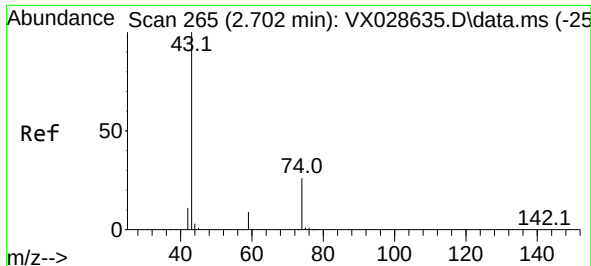
Tgt Ion: 43 Resp: 7744
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2



#17
Carbon Disulfide
Concen: 1.269 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

Tgt Ion: 76 Resp: 7431
Ion Ratio Lower Upper
76 100
78 12.3 7.2 10.8#





#18

Methyl Acetate

Concen: 0.226 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.013 min

Lab File: VX028647.D

Acq: 12 May 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

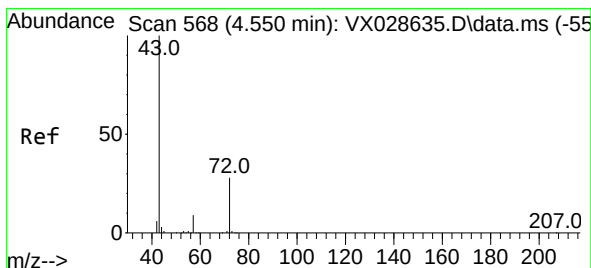
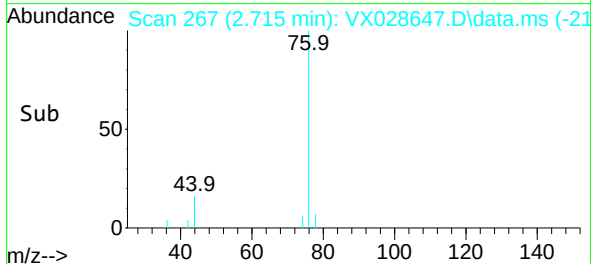
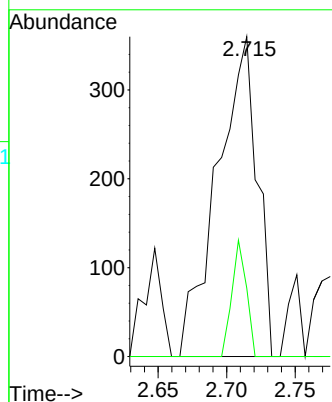
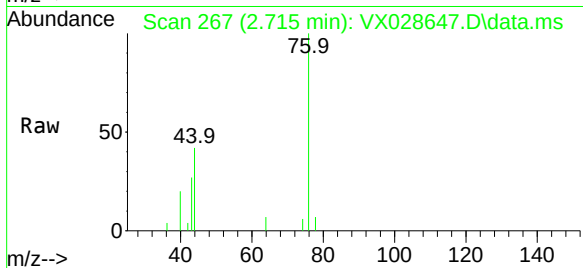
MW-1

Tgt Ion: 43 Resp: 727

Ion Ratio Lower Upper

43 100

74 13.2 22.8 34.2#



#25

2-Butanone

Concen: 0.753 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX028647.D

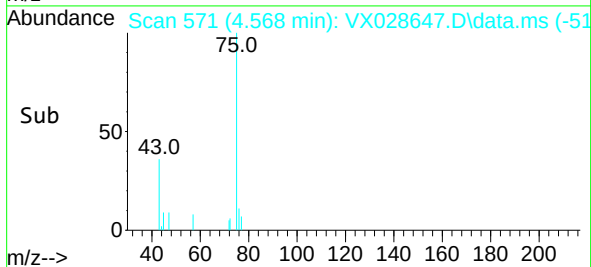
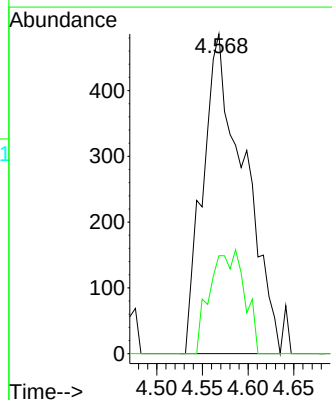
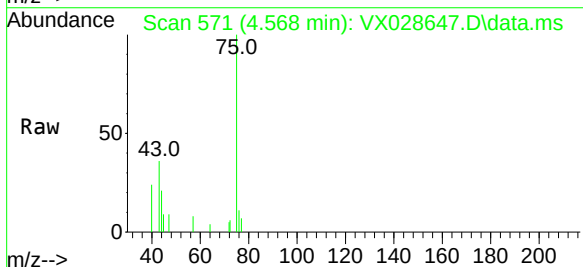
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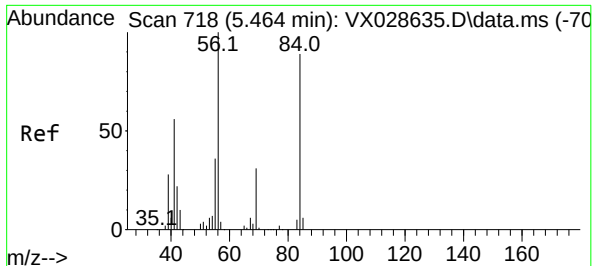
Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

43 100

72 30.7 24.4 36.6

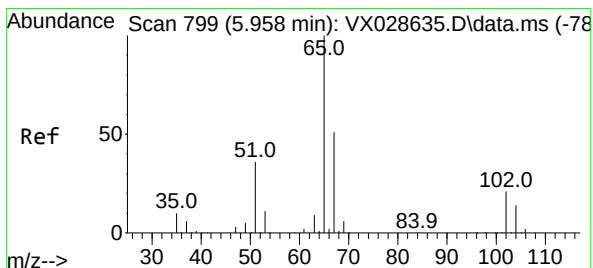
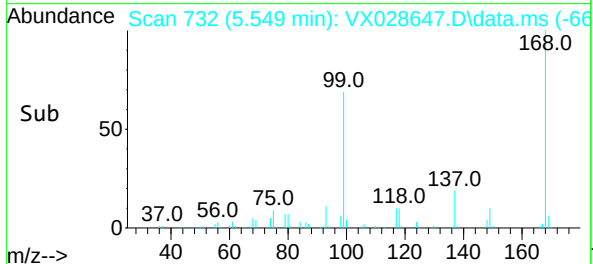
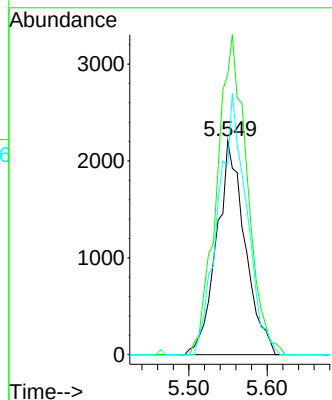
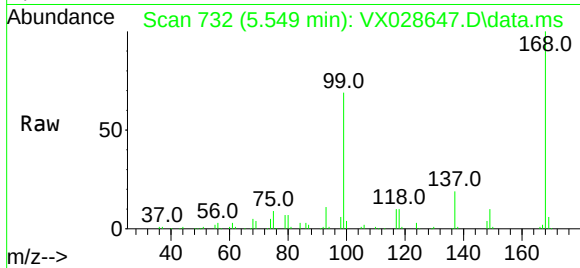




#31
Cyclohexane
Concen: 1.337 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

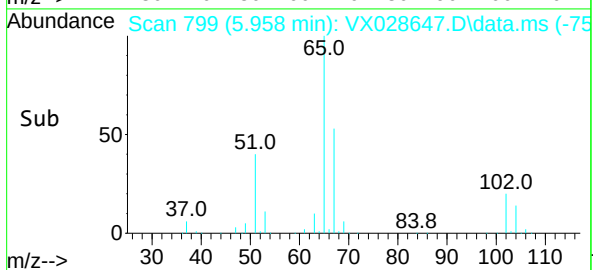
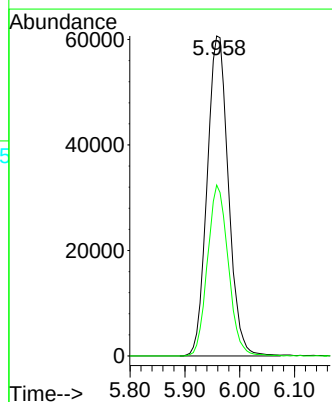
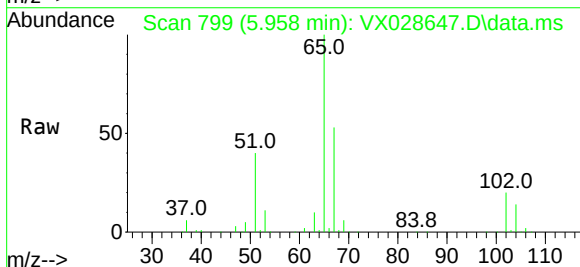
Instrument :
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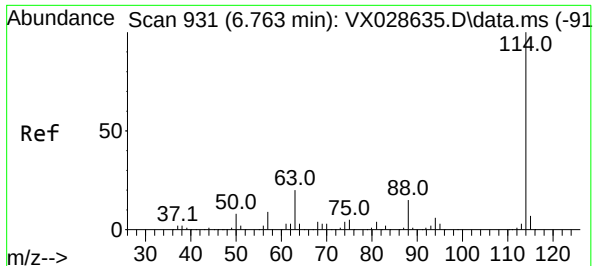
Tgt Ion: 56 Resp: 5553
Ion Ratio Lower Upper
56 100
69 130.9 26.7 40.1#
84 88.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 54.502 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

Tgt Ion: 65 Resp: 163100
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

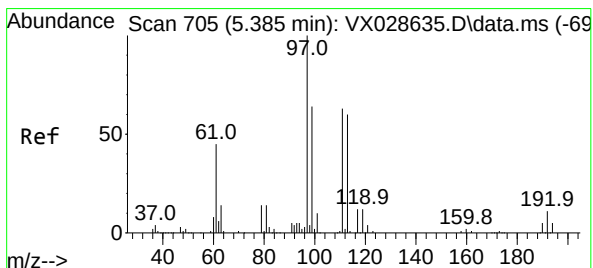
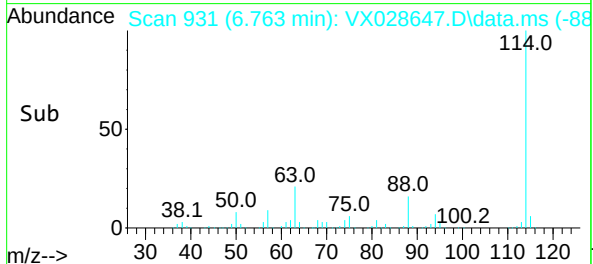
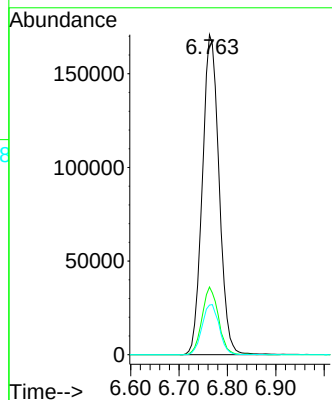
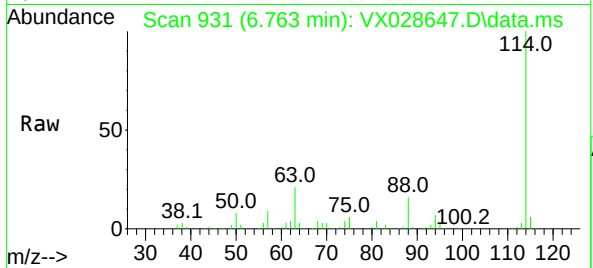




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

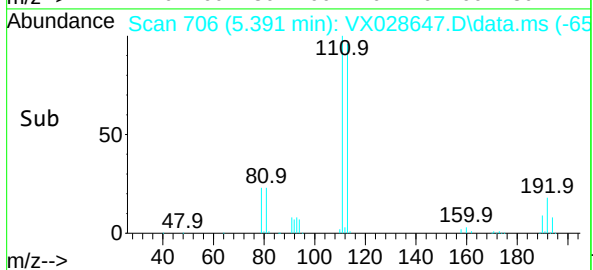
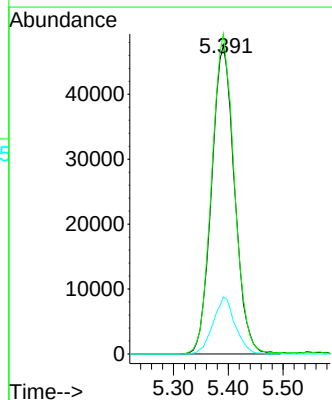
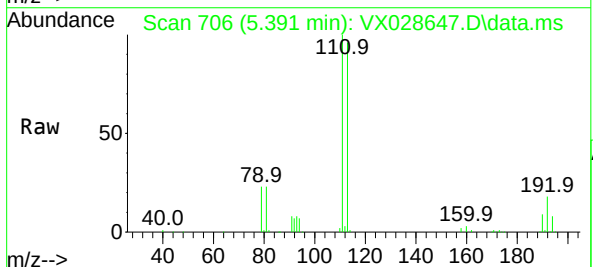
Instrument :
MSVOA_X
ClientSampleId :
MW-1

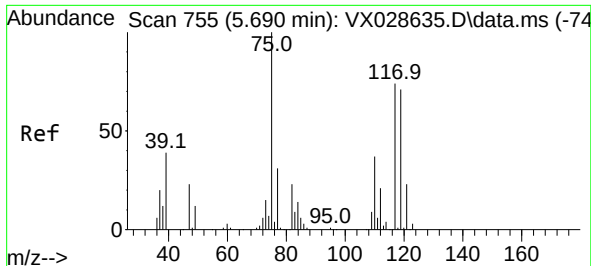
Tgt Ion:114 Resp: 410200
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.322 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

Tgt Ion:113 Resp: 137932
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.7 16.9 25.3

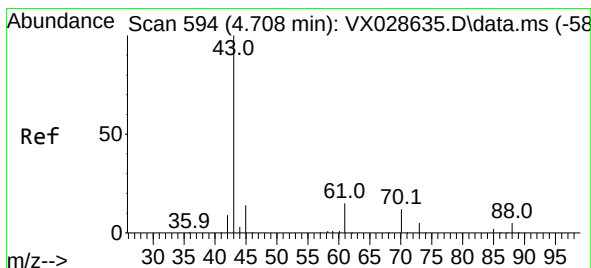
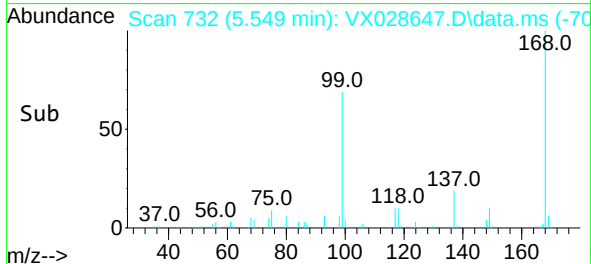
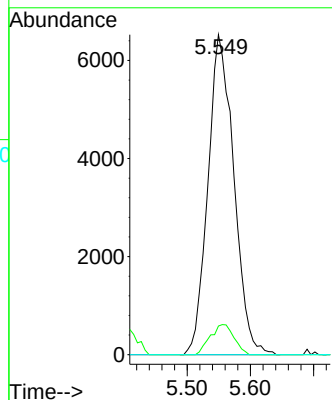
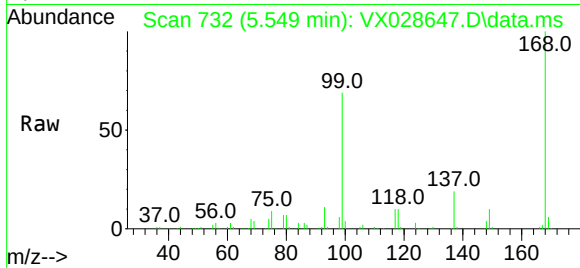




#36
1,1-Dichloropropene
Concen: 4.595 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

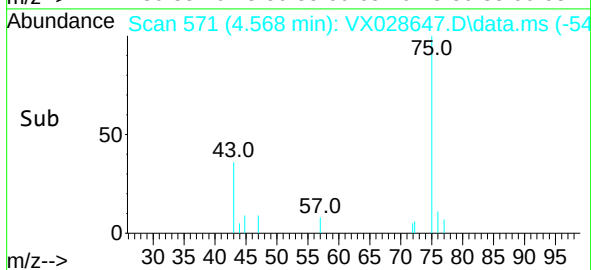
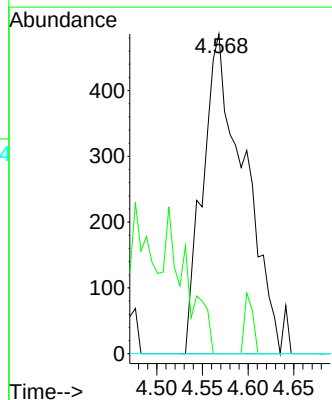
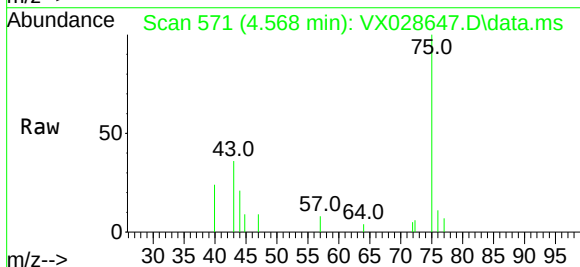
Instrument :
MSVOA_X
ClientSampleId :
MW-1

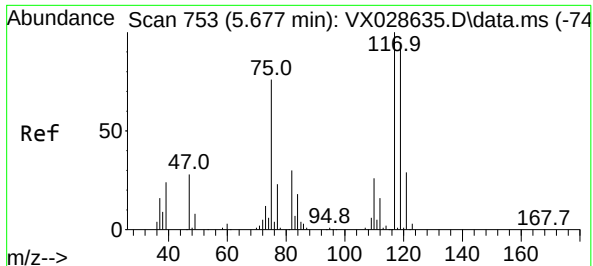
Tgt Ion: 75 Resp: 18550
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.360 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

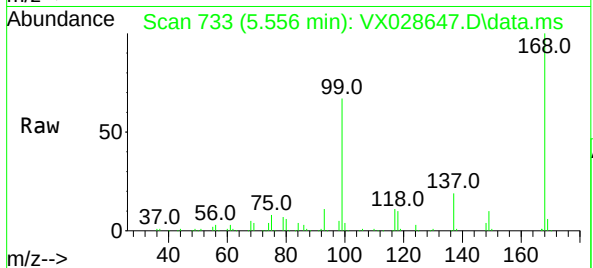
Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



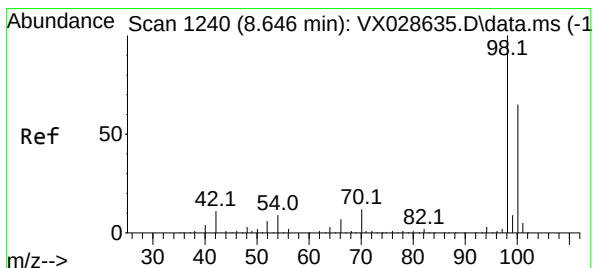
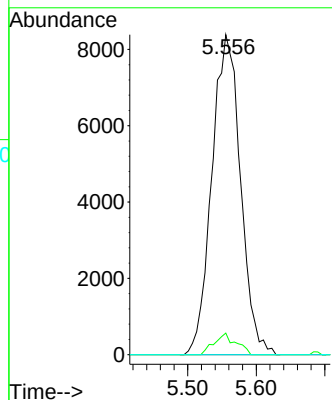
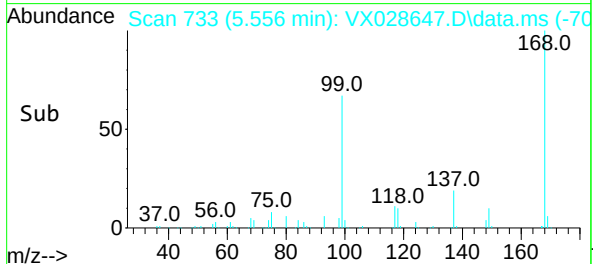


#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

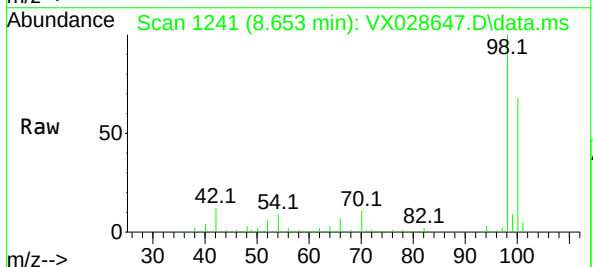
Instrument :
MSVOA_X
ClientSampleId :
MW-1



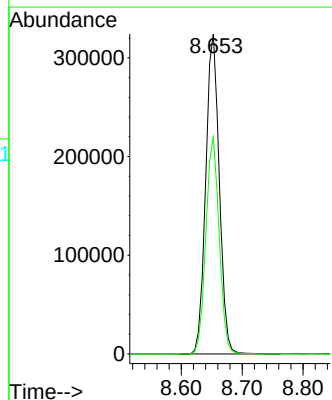
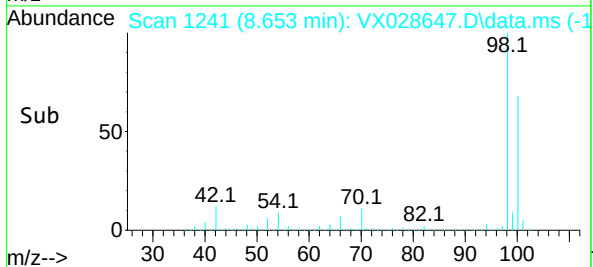
Tgt Ion:117 Resp: 24326
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 24.2 36.2#

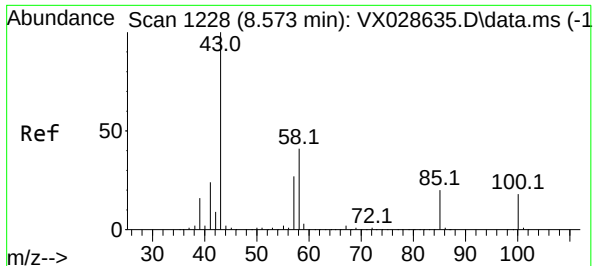


#50
Toluene-d8
Concen: 49.435 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49



Tgt Ion: 98 Resp: 500905
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.353 ug/l

RT: 8.579 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028647.D

Acq: 12 May 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

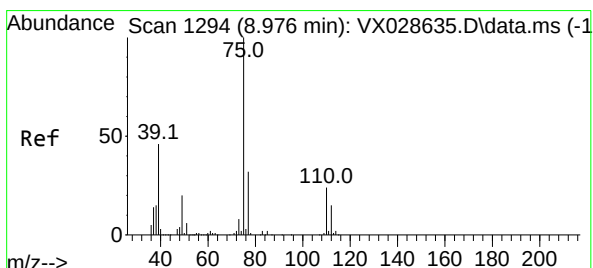
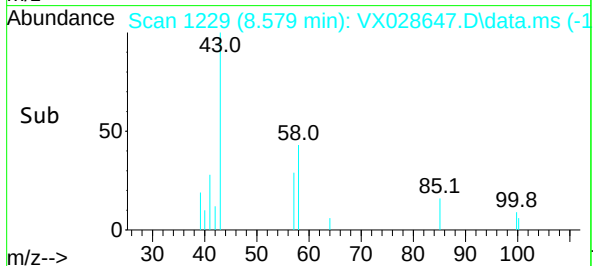
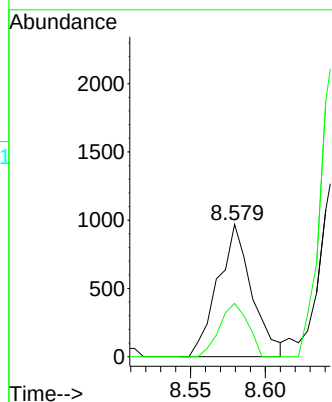
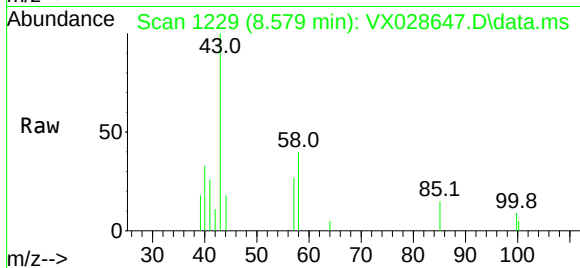
MW-1

Tgt Ion: 43 Resp: 1533

Ion Ratio Lower Upper

43 100

58 33.6 36.1 54.1#



#53

t-1,3-Dichloropropene

Concen: 1.646 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX028647.D

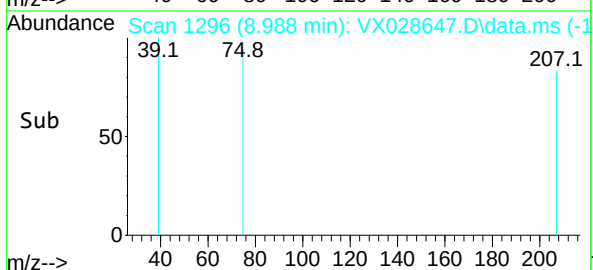
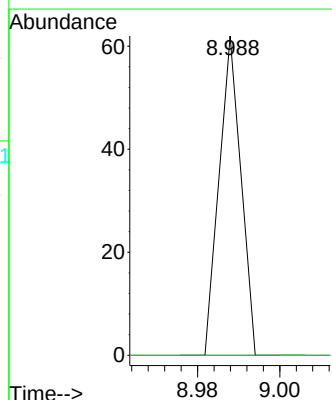
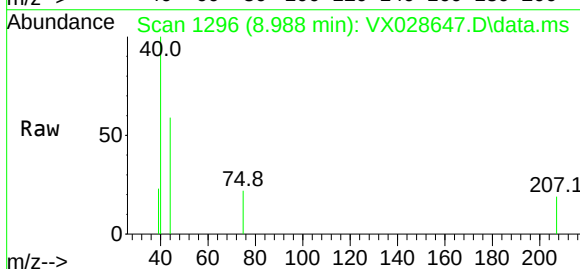
Acq: 12 May 2022 18:49

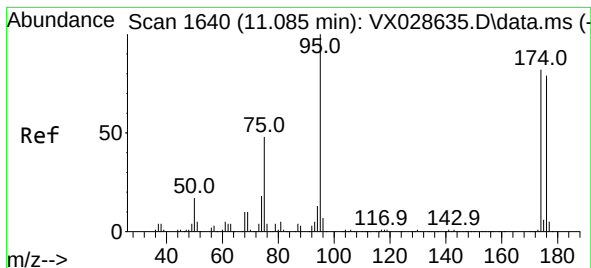
Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

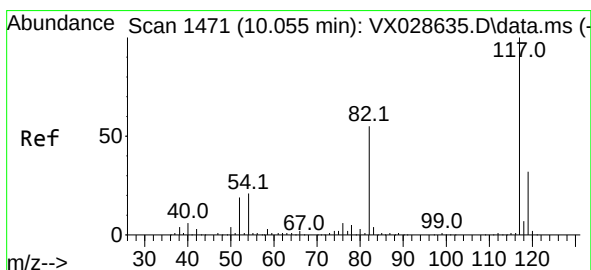
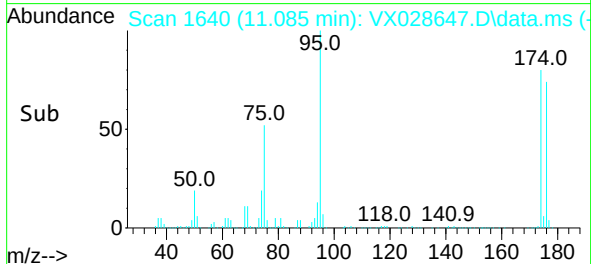
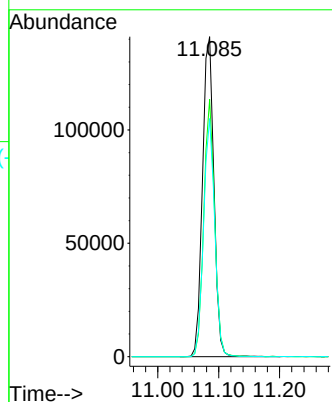
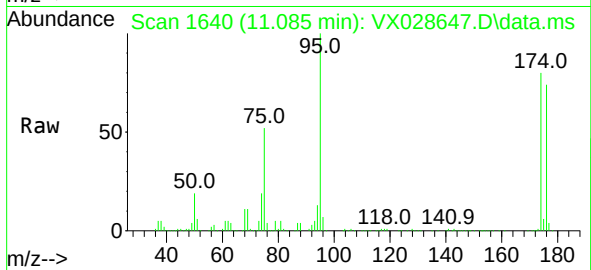




#62
4-Bromofluorobenzene
Concen: 48.382 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

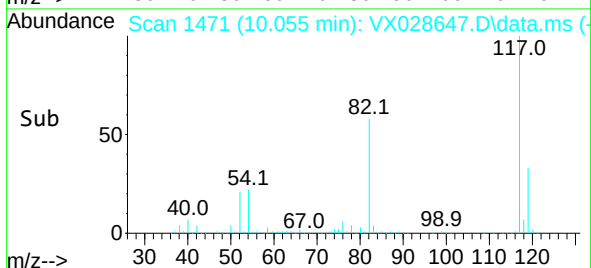
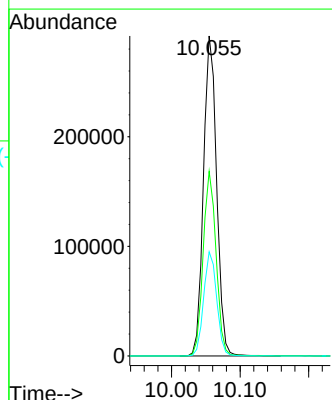
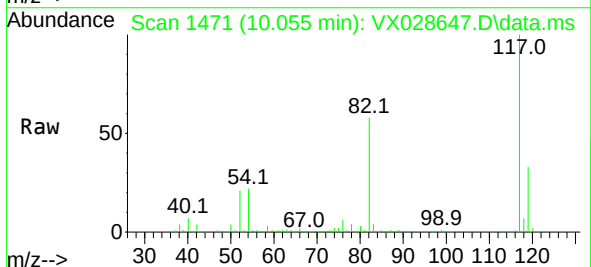
Instrument :
MSVOA_X
ClientSampleId :
MW-1

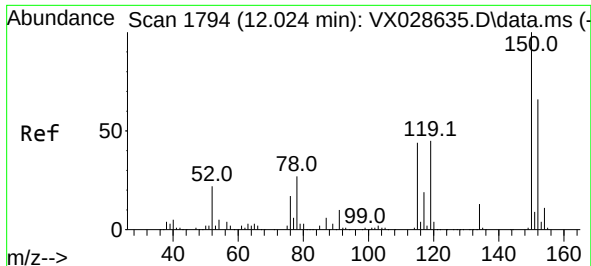
Tgt Ion: 95 Resp: 183108
Ion Ratio Lower Upper
95 100
174 76.5 0.0 163.0
176 72.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

Tgt Ion: 117 Resp: 391001
Ion Ratio Lower Upper
117 100
82 57.7 41.8 62.8
119 32.6 24.8 37.2

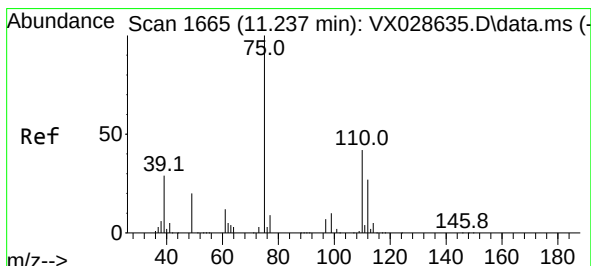
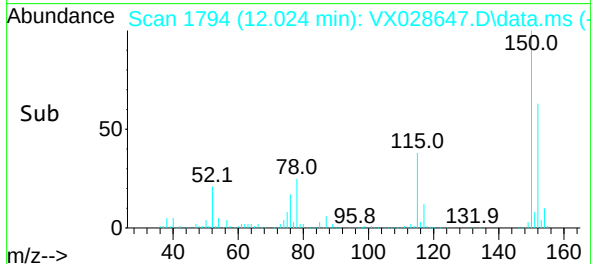
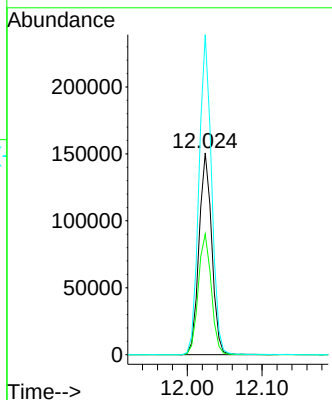
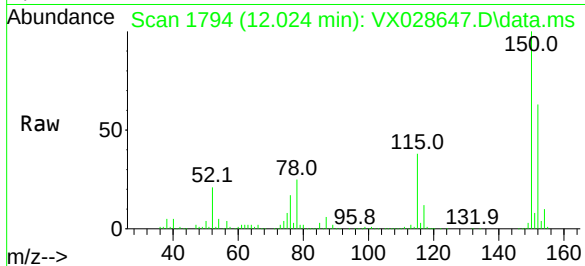




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

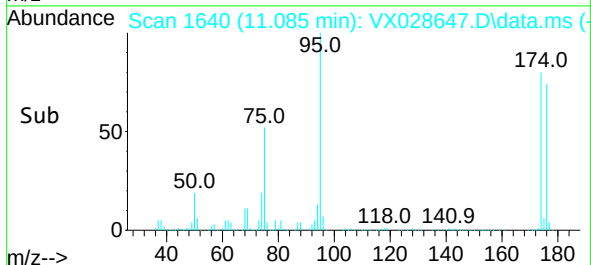
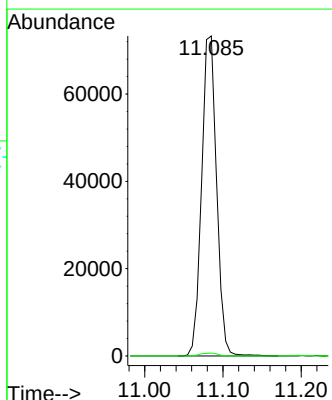
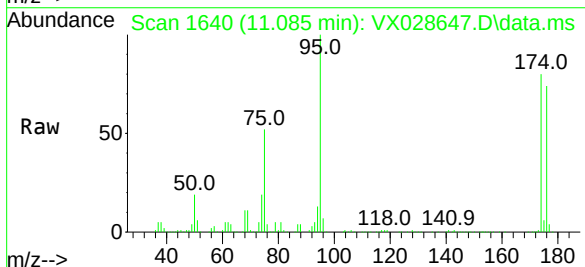
Instrument :
MSVOA_X
ClientSampleId :
MW-1

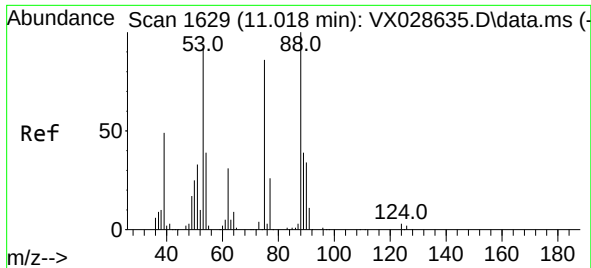
Tgt Ion:152 Resp: 178524
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 156.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.246 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX028647.D
Acq: 12 May 2022 18:49

Tgt Ion: 75 Resp: 97190
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.852 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX028647.D
 Acq: 12 May 2022 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tgt Ion: 75 Resp: 97190
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

