

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031750.D
 Acq On : 29 Sep 2022 01:23
 Operator : JC/MD
 Sample : M4863-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Sep 29 04:36:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

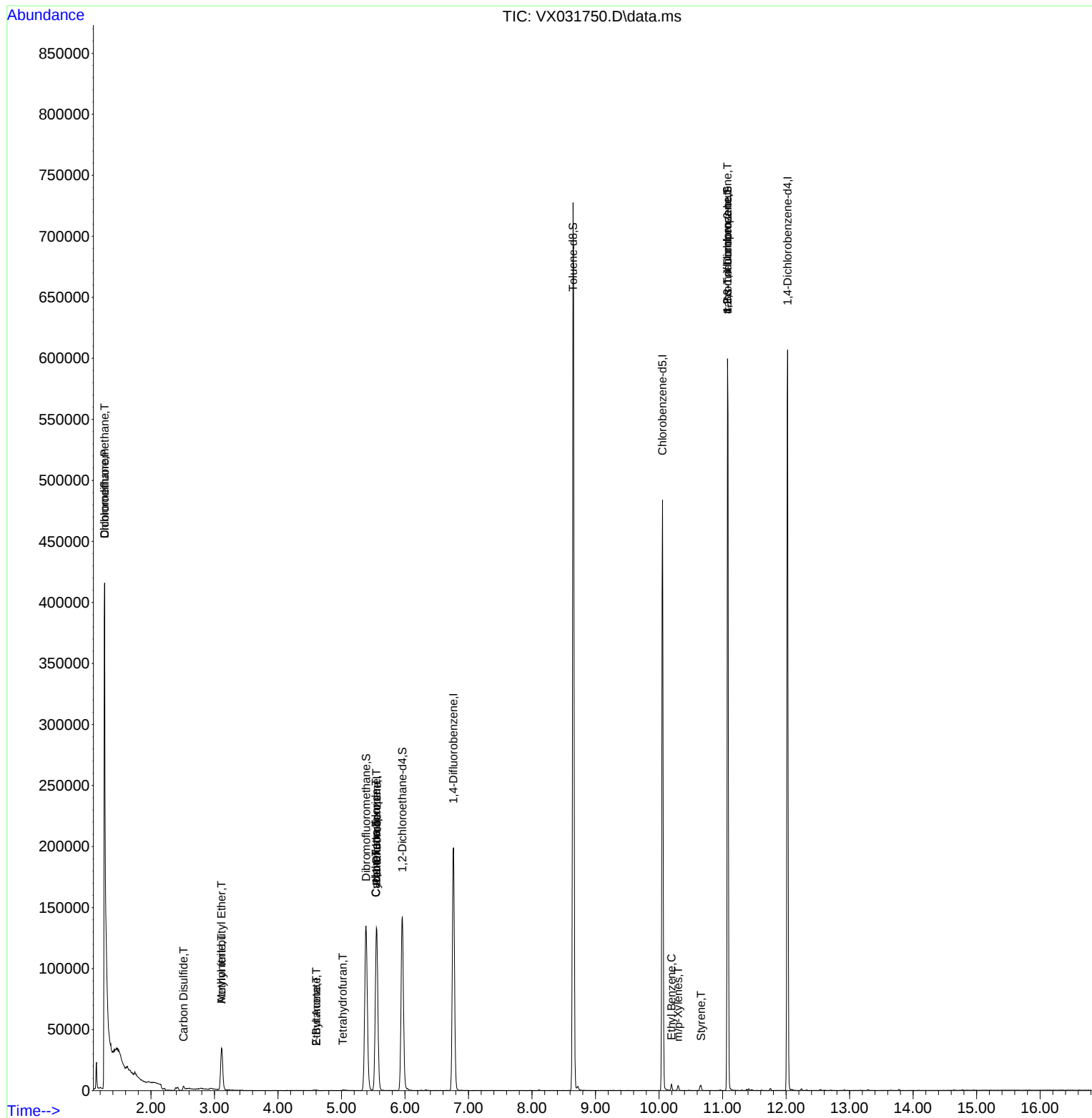
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	126284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136223	50.825	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.640%
35) Dibromofluoromethane	5.385	113	114160	45.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.820%
50) Toluene-d8	8.646	98	434290	48.177	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.079	95	151559	45.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.270	85	25898	16.851	ug/l	100
3) Chloromethane	1.270	50	10688	5.054	ug/l #	41
5) Bromomethane	1.617	94	252	Below Cal	#	76
6) Chloroethane	1.940	64	521	Below Cal	#	48
11) Tert butyl alcohol	3.001	59	314	Below Cal	#	73
13) Acrolein	2.215	56	21	Below Cal	#	1
15) Acrylonitrile	3.111	53	466	0.501	ug/l #	15
16) Acetone	2.392	43	2711	Below Cal		94
17) Carbon Disulfide	2.513	76	7200	1.073	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	38389	6.440	ug/l	98
20) Methylene Chloride	2.782	84	242	Below Cal	#	36
25) 2-Butanone	4.605	43	578	0.452	ug/l #	49
29) Tetrahydrofuran	5.019	42	471	0.586	ug/l #	45
31) Cyclohexane	5.543	56	2831	1.111	ug/l #	16
36) 1,1-Dichloropropene	5.549	75	9535	3.339	ug/l #	51
37) Ethyl Acetate	4.605	43	578	0.201	ug/l #	68
38) Carbon Tetrachloride	5.543	117	13502	4.196	ug/l #	17
67) Ethyl Benzene	10.195	91	2949	0.284	ug/l #	87
68) m/p-Xylenes	10.299	106	972	0.233	ug/l	88
70) Styrene	10.658	104	1627	0.245	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	80323	36.113	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	80323	118.411	ug/l #	11

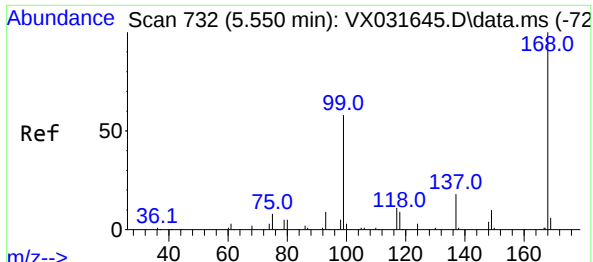
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
MW-8

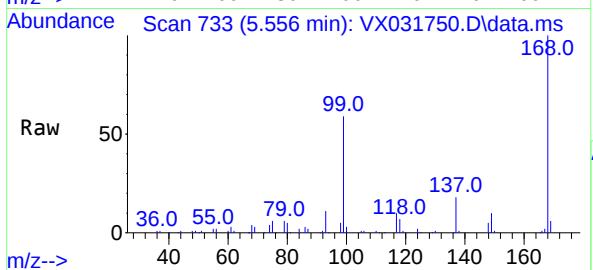
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



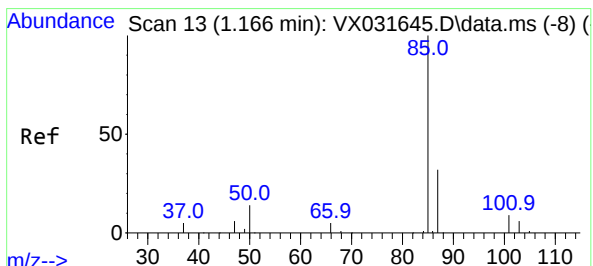
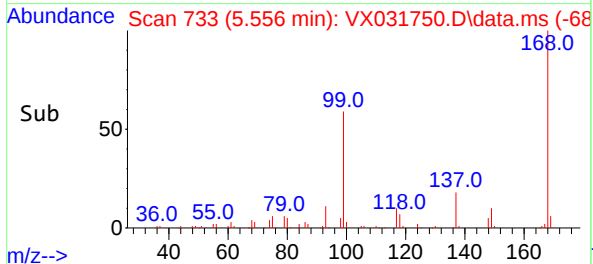
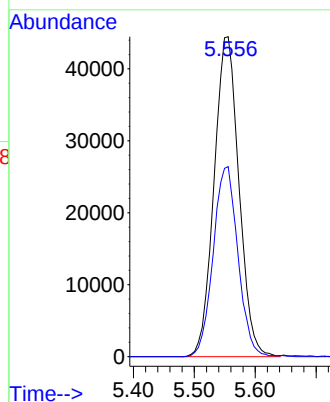


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Instrument :
MSVOA_X
ClientSampleId :
MW-8

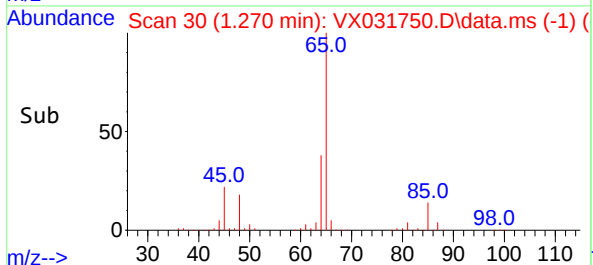
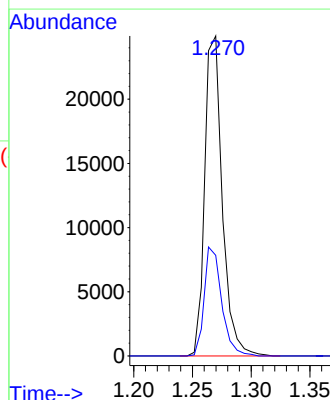
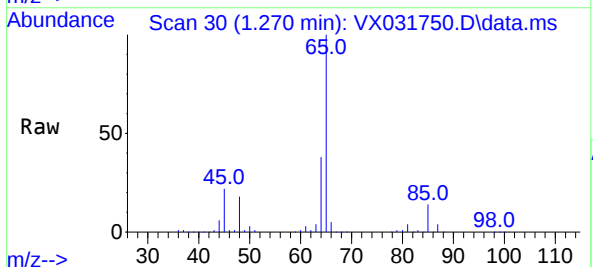


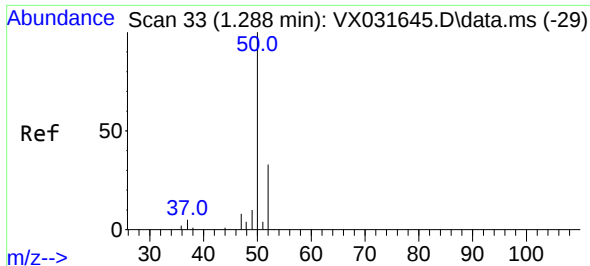
Tgt Ion:168 Resp: 126284
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 16.851 ug/l
RT: 1.270 min Scan# 30
Delta R.T. 0.104 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 85 Resp: 25898
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4

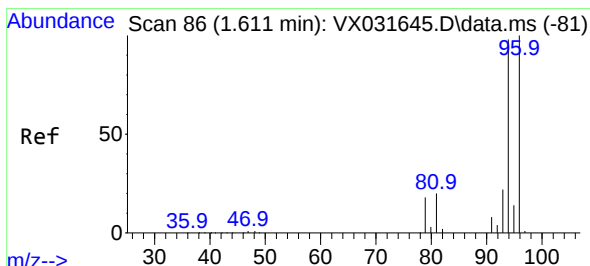
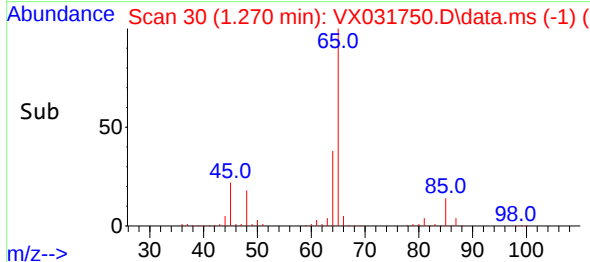
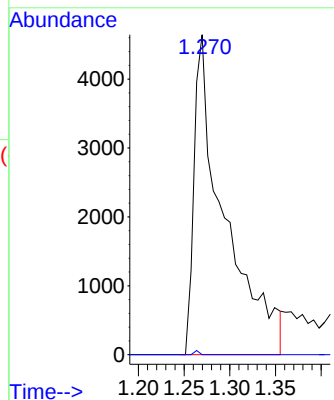
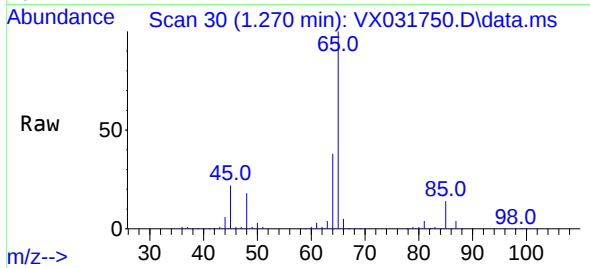




#3
Chloromethane
Concen: 5.054 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

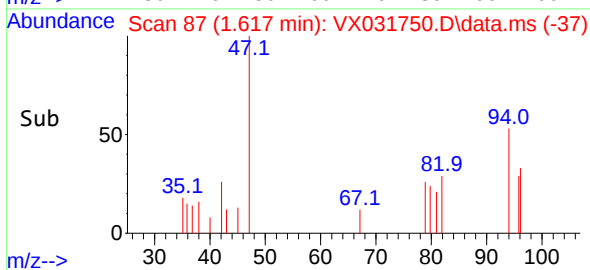
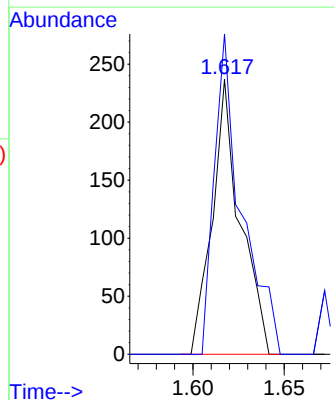
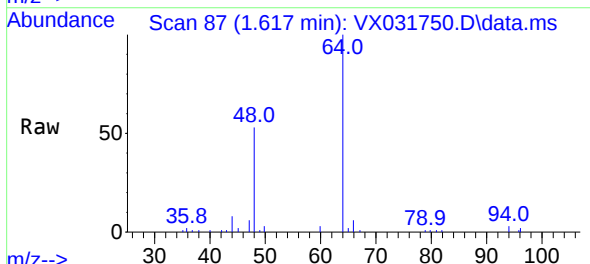
Instrument :
MSVOA_X
ClientSampleId :
MW-8

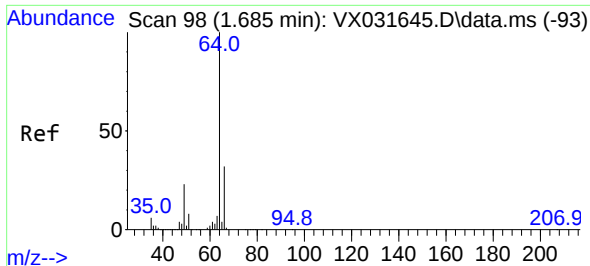
Tgt Ion: 50 Resp: 10688
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 116.5 74.4 111.6#

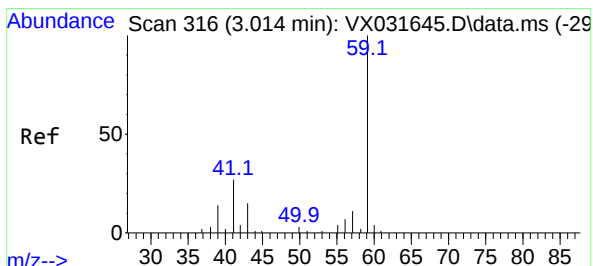
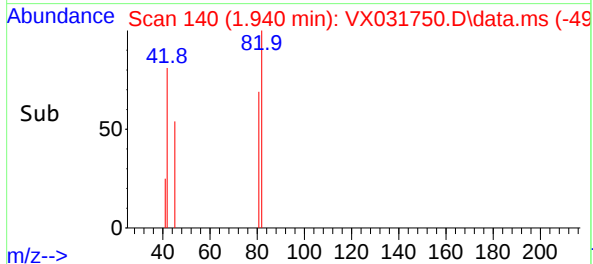
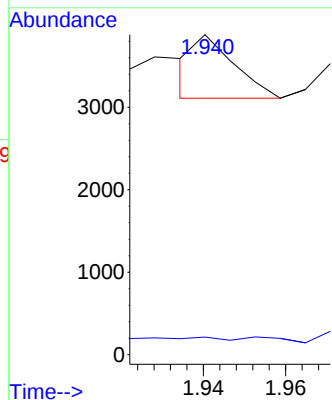
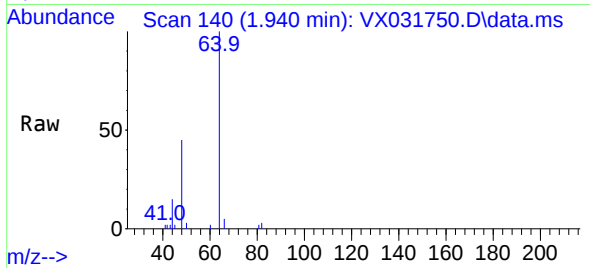




#6
Chloroethane
Concen: Below Cal
RT: 1.940 min Scan# 14
Delta R.T. 0.255 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

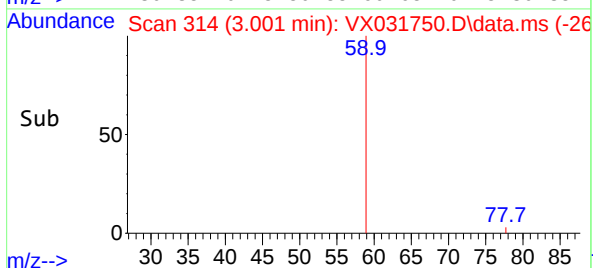
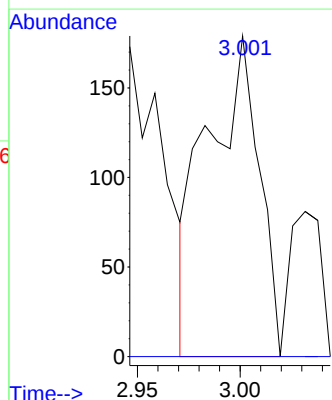
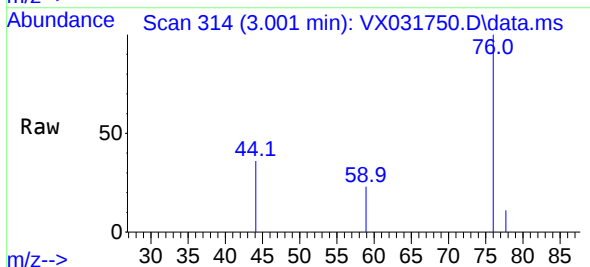
Instrument :
MSVOA_X
ClientSampleId :
MW-8

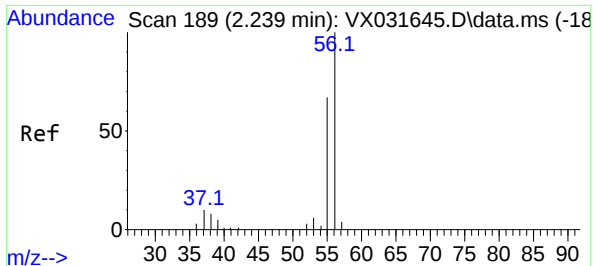
Tgt Ion: 64 Resp: 521
Ion Ratio Lower Upper
64 100
66 2.3 25.0 37.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.001 min Scan# 314
Delta R.T. 0.012 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 59 Resp: 314
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

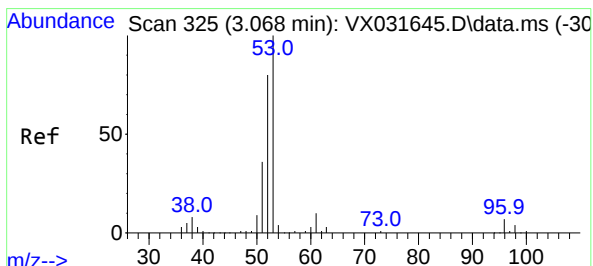
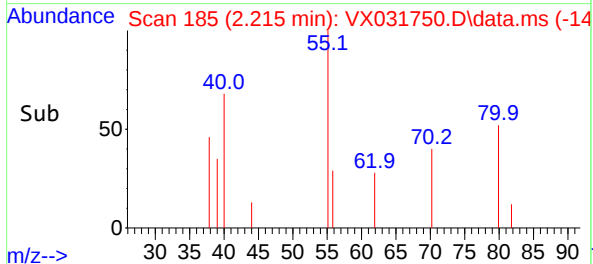
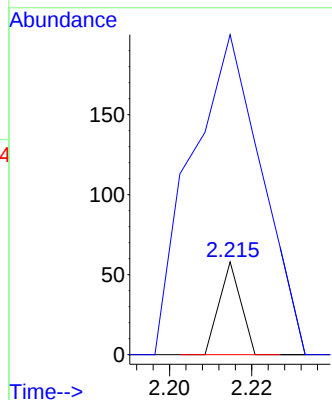
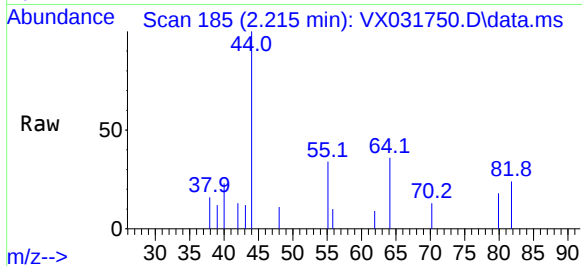




#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

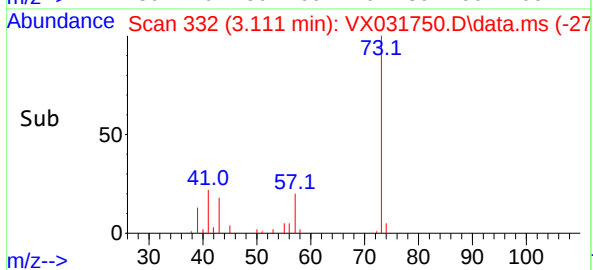
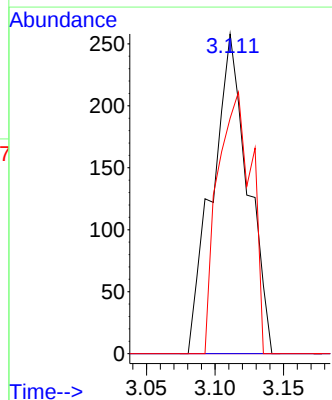
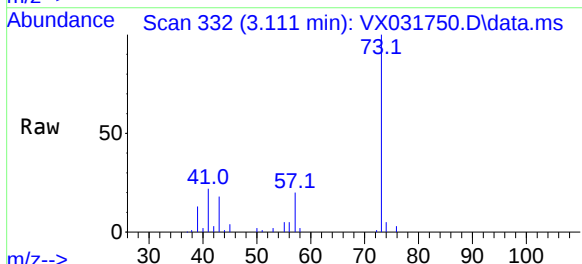
Instrument :
MSVOA_X
ClientSampleId :
MW-8

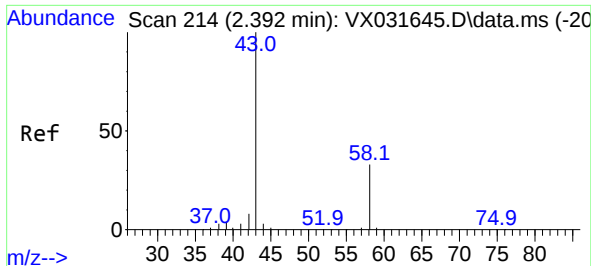
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 1133.3 56.0 84.0#



#15
Acrylonitrile
Concen: 0.501 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.042 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 53 Resp: 466
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 77.9 30.0 45.0#

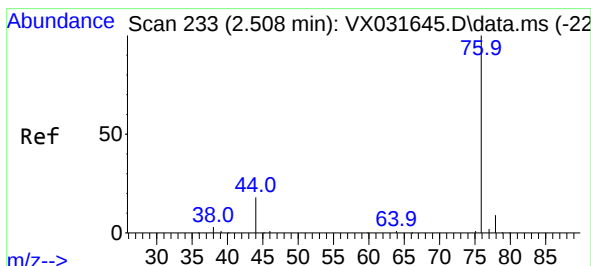
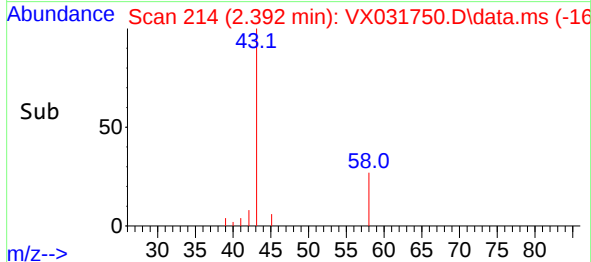
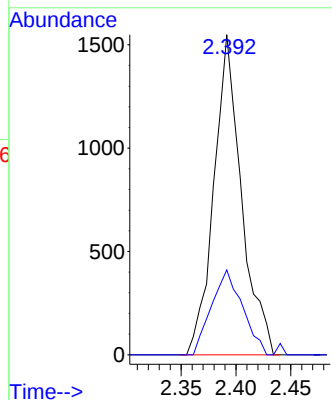
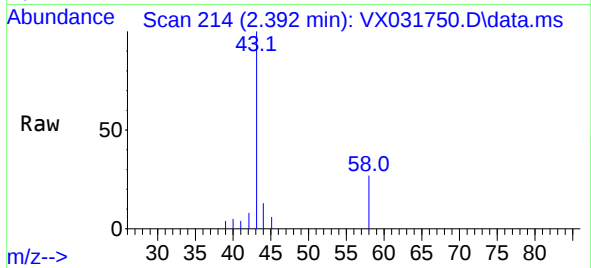




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

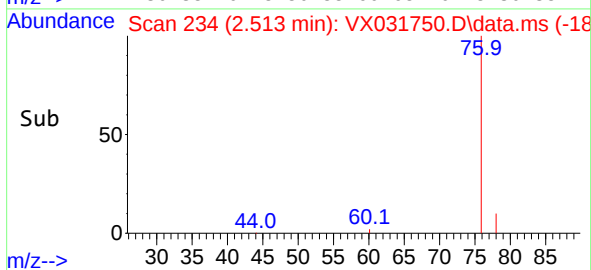
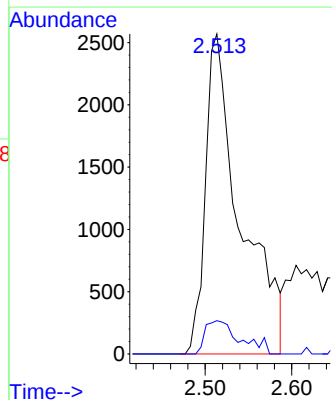
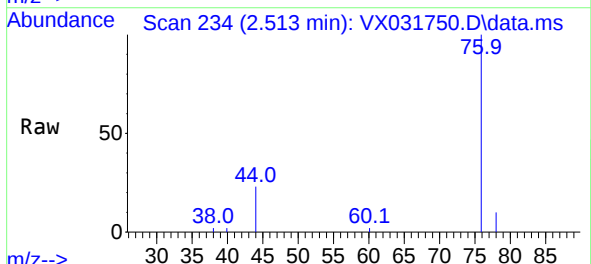
Instrument :
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ClientSampleId :
MW-8

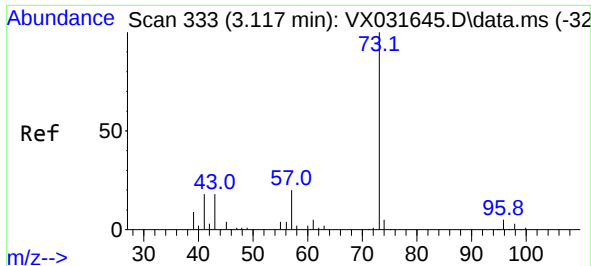
Tgt Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
58 26.5 23.8 35.8



#17
Carbon Disulfide
Concen: 1.073 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 76 Resp: 7200
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8

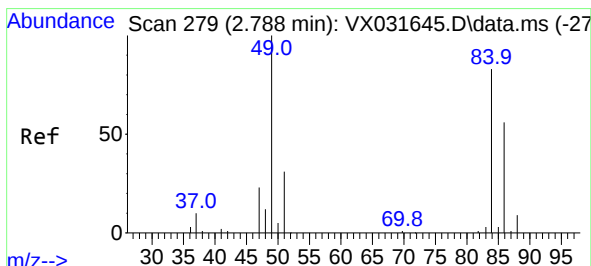
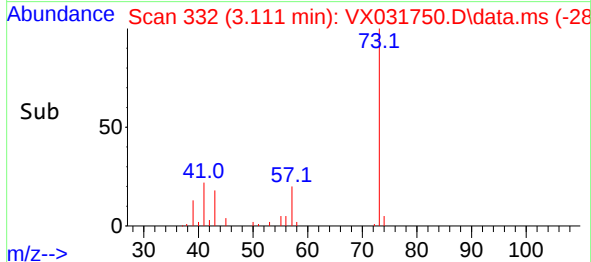
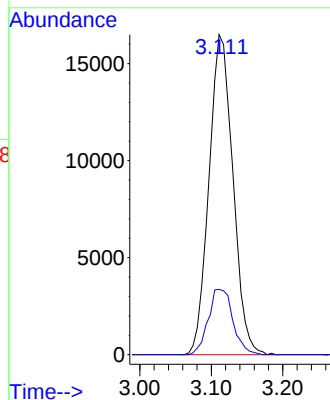
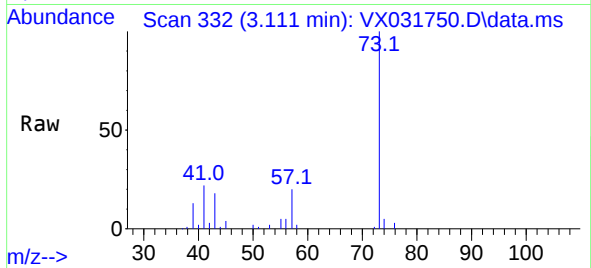




#19
Methyl tert-butyl Ether
Concen: 6.440 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

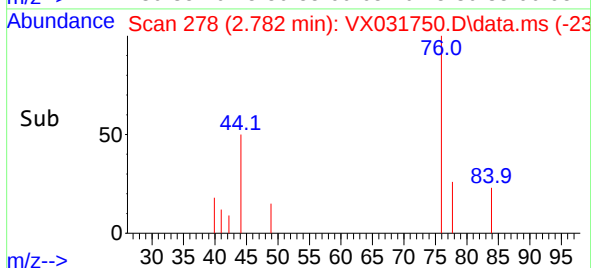
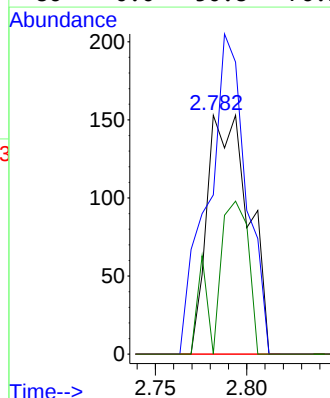
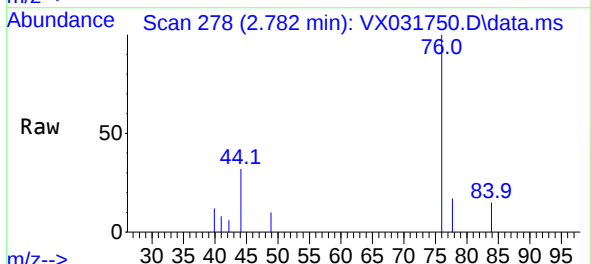
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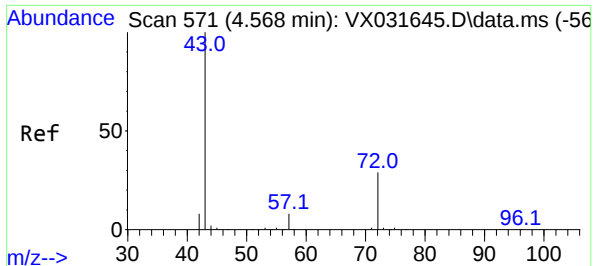
Tgt Ion: 73 Resp: 38389
Ion Ratio Lower Upper
73 100
57 20.4 17.2 25.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 84 Resp: 242
Ion Ratio Lower Upper
84 100
49 66.7 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#





#25

2-Butanone

Concen: 0.452 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.043 min

Lab File: VX031750.D

Acq: 29 Sep 2022 01:23

Instrument :

MSVOA_X

ClientSampleId :

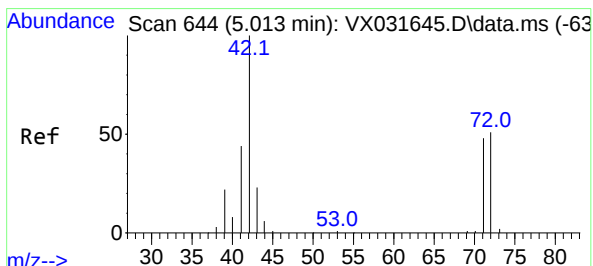
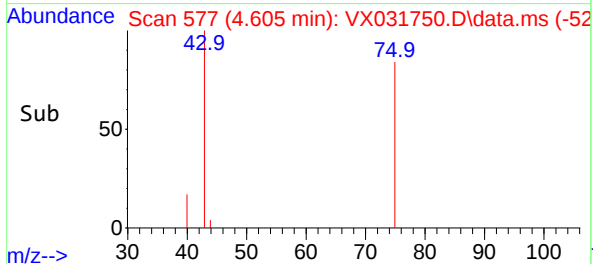
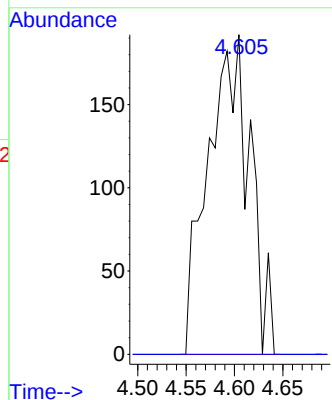
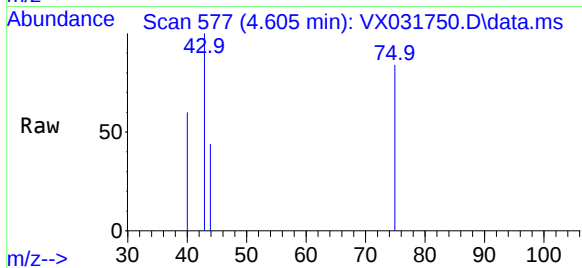
MW-8

Tgt Ion: 43 Resp: 578

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.586 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX031750.D

Acq: 29 Sep 2022 01:23

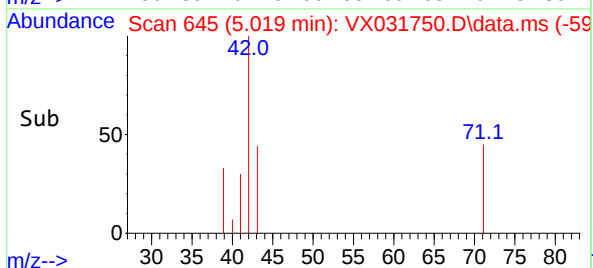
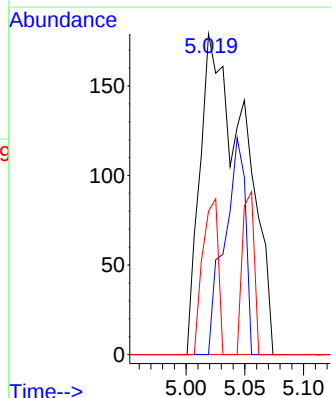
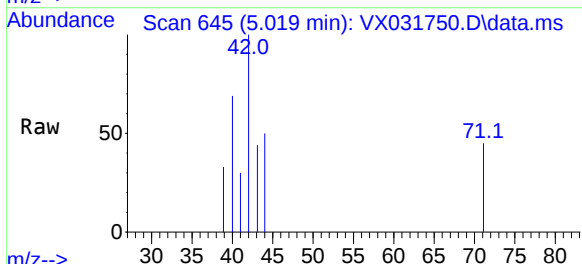
Tgt Ion: 42 Resp: 471

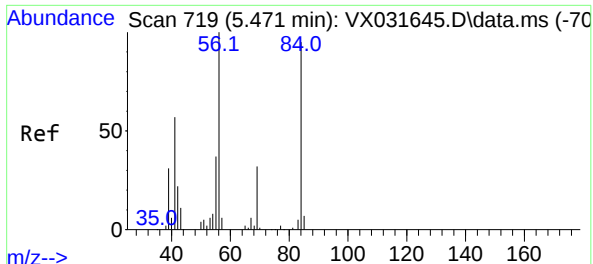
Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

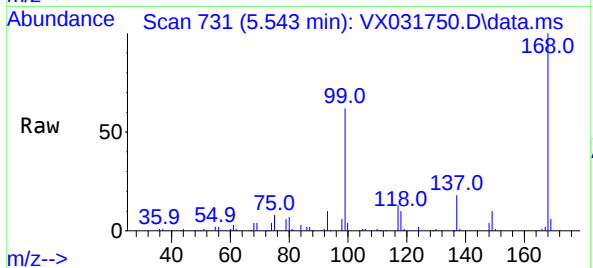
71 17.0 33.5 50.3#



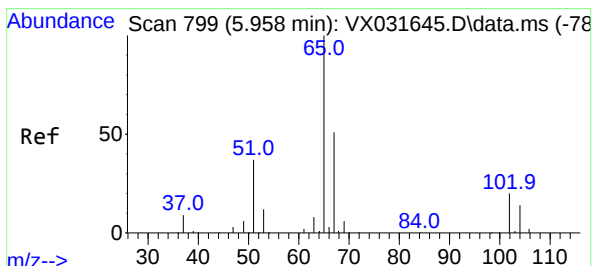
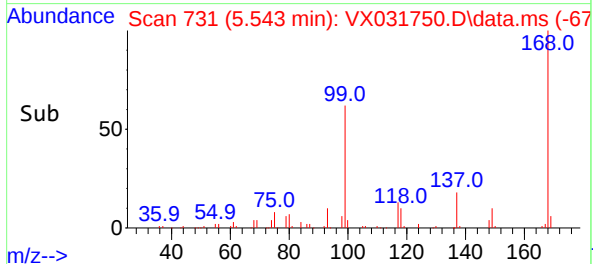
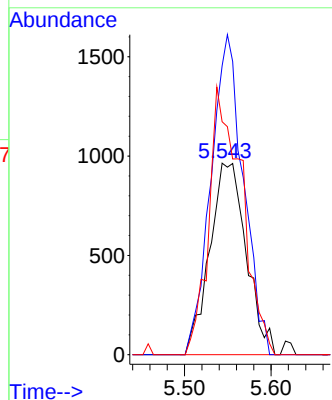


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Instrument :
MSVOA_X
ClientSampleId :
MW-8

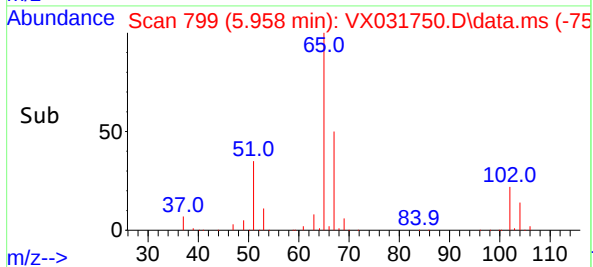
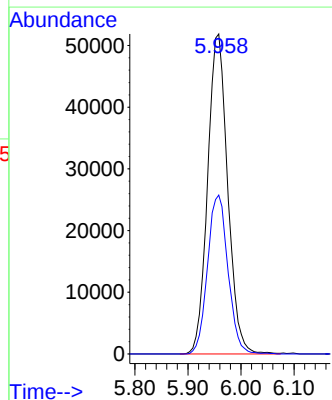
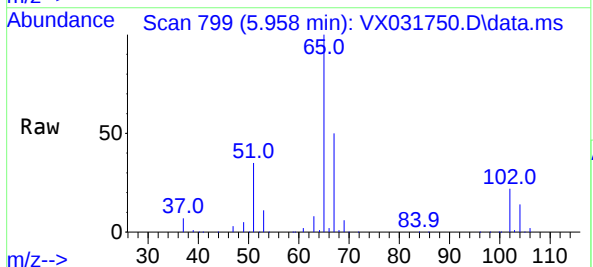


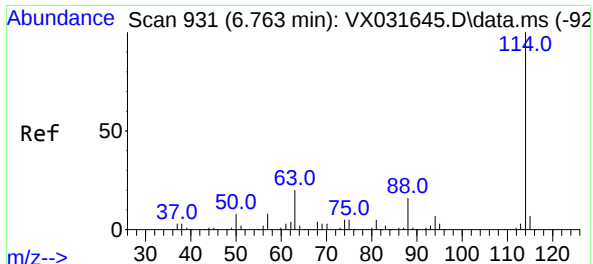
Tgt Ion: 56 Resp: 2831
Ion Ratio Lower Upper
56 100
69 150.8 25.1 37.7#
84 121.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 50.825 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 65 Resp: 136223
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4

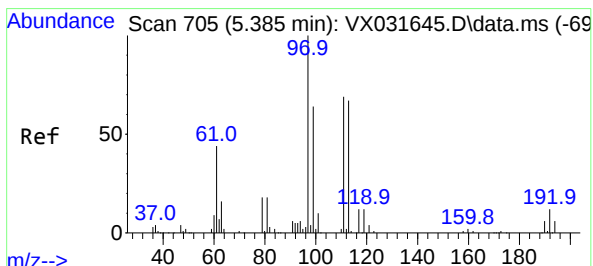
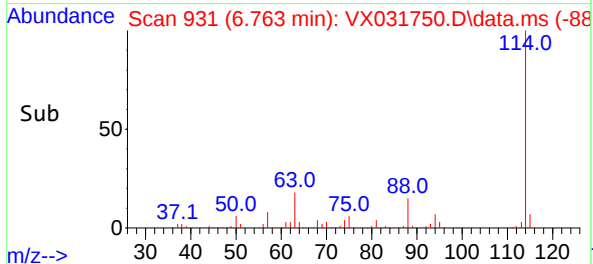
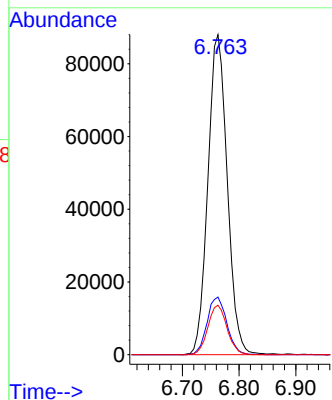
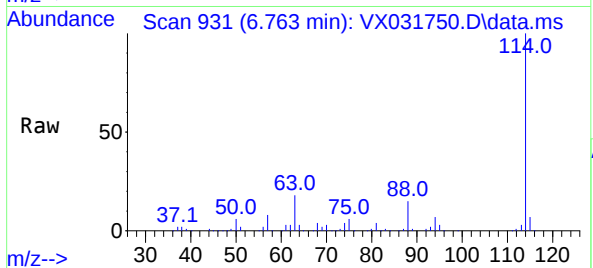




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

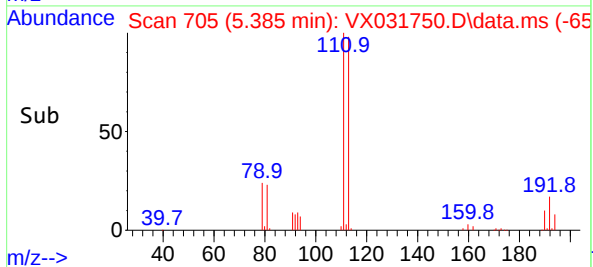
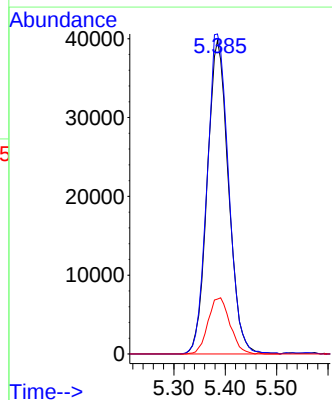
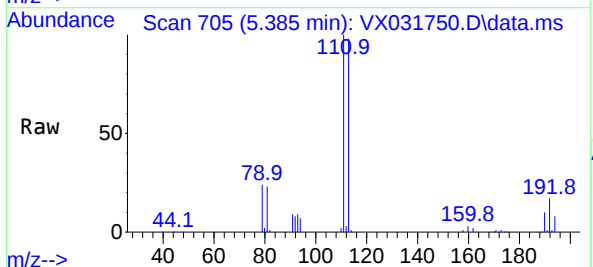
Instrument :
MSVOA_X
ClientSampleId :
MW-8

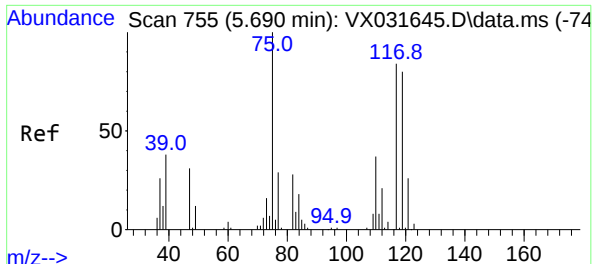
Tgt Ion:114 Resp: 208679
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.6
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.913 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion:113 Resp: 114160
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.5 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.339 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX031750.D

Acq: 29 Sep 2022 01:23

Instrument :

MSVOA_X

ClientSampleId :

MW-8

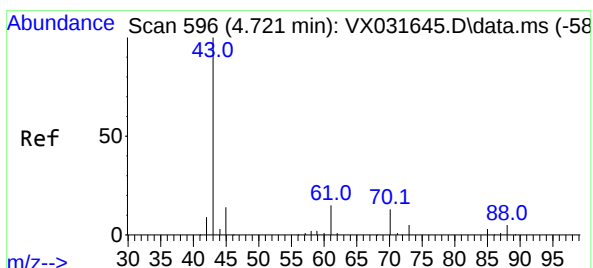
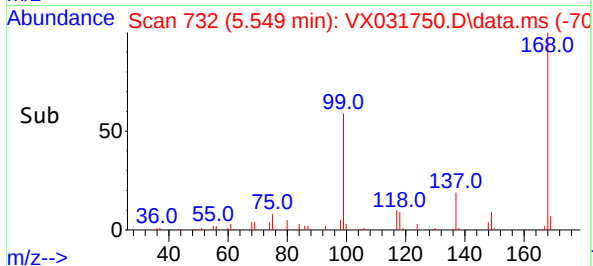
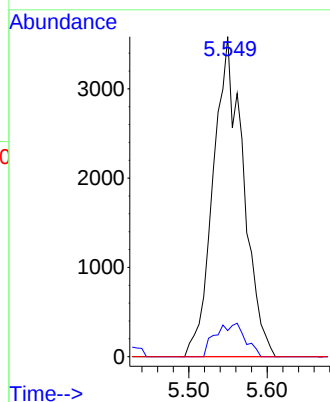
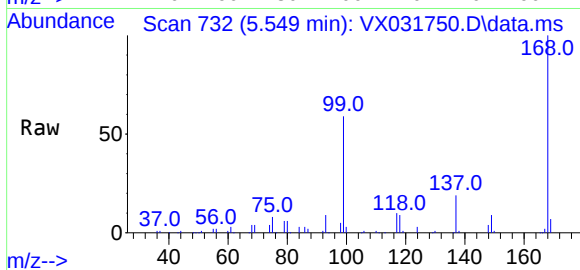
Tgt Ion: 75 Resp: 9535

Ion Ratio Lower Upper

75 100

110 10.3 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 0.201 ug/l

RT: 4.605 min Scan# 577

Delta R.T. -0.116 min

Lab File: VX031750.D

Acq: 29 Sep 2022 01:23

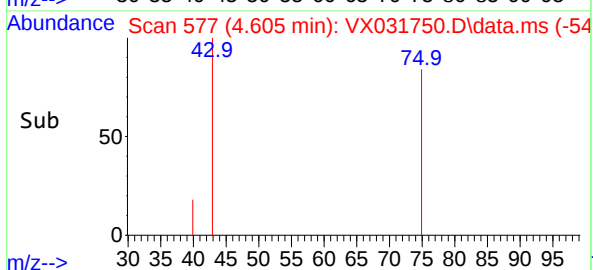
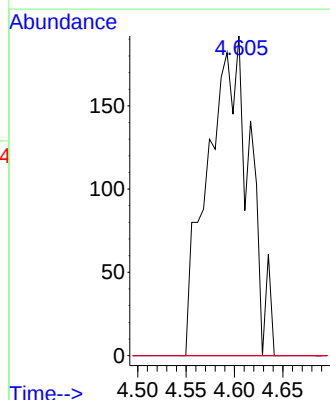
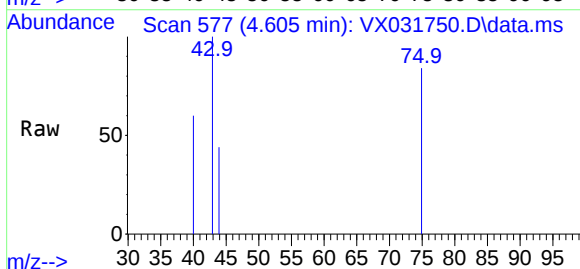
Tgt Ion: 43 Resp: 578

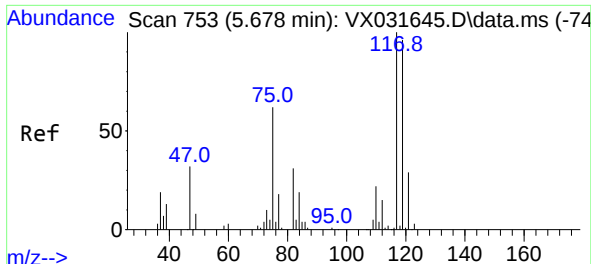
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#

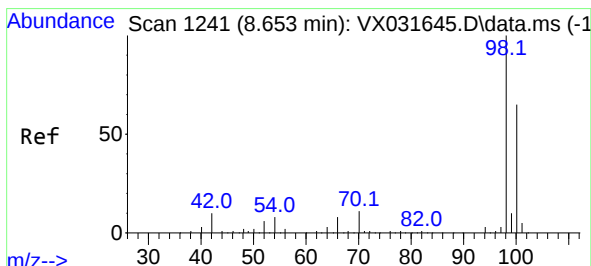
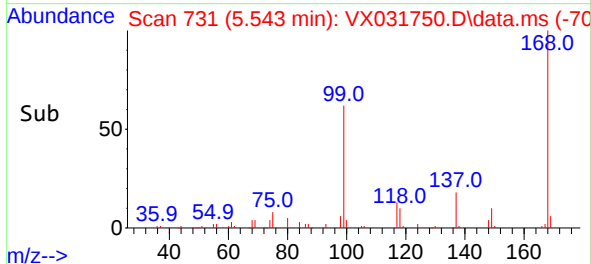
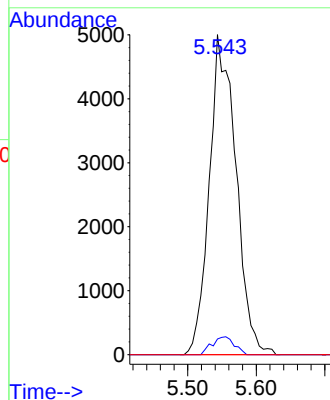
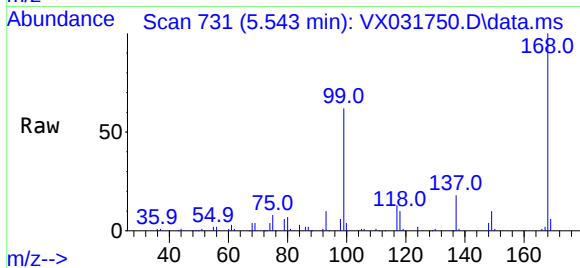




#38
Carbon Tetrachloride
Concen: 4.196 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

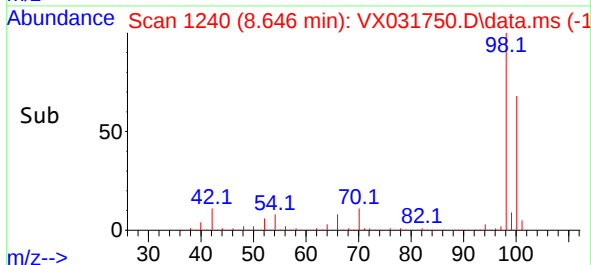
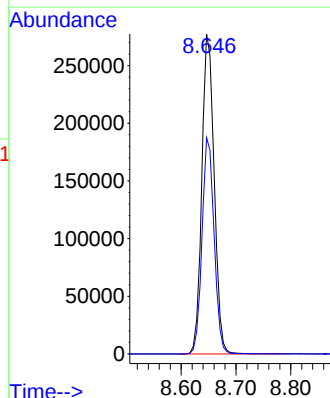
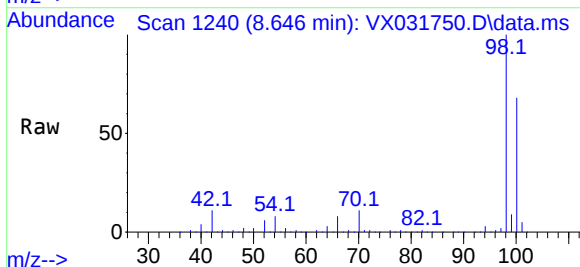
Instrument :
MSVOA_X
ClientSampleId :
MW-8

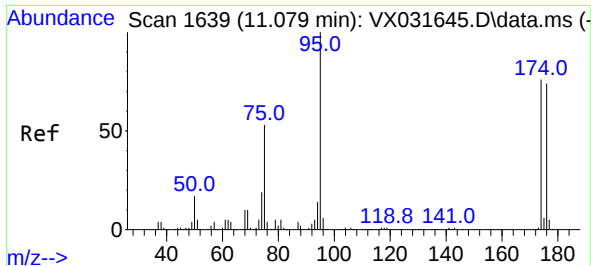
Tgt Ion:117 Resp: 13502
Ion Ratio Lower Upper
117 100
119 4.9 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.177 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 98 Resp: 434290
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

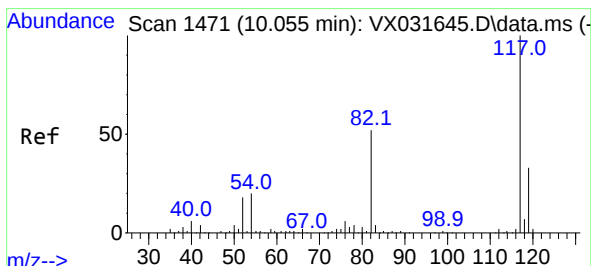
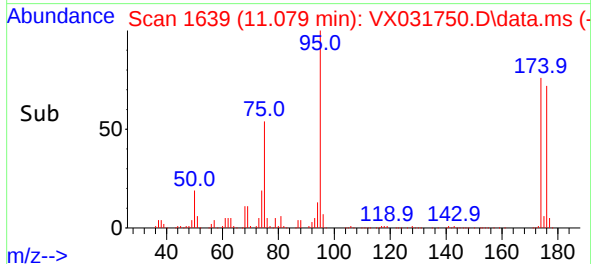
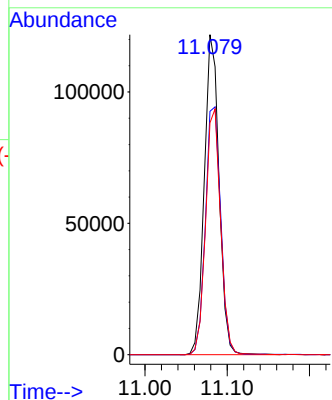
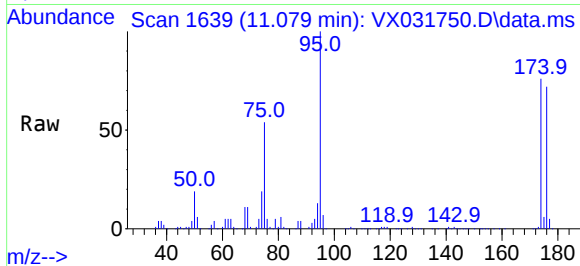




#62
4-Bromofluorobenzene
Concen: 45.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

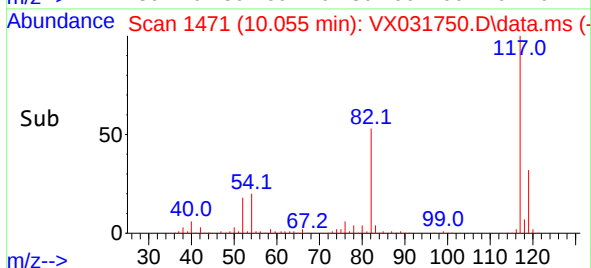
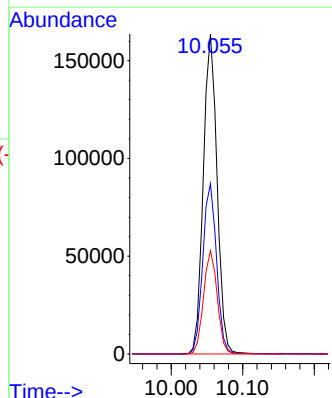
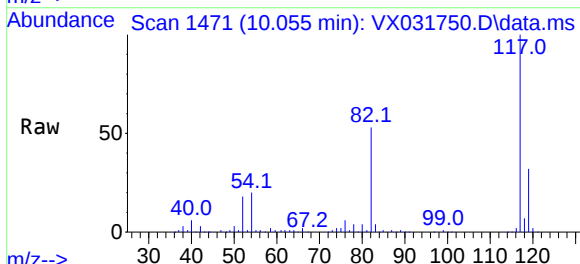
Instrument :
MSVOA_X
ClientSampleId :
MW-8

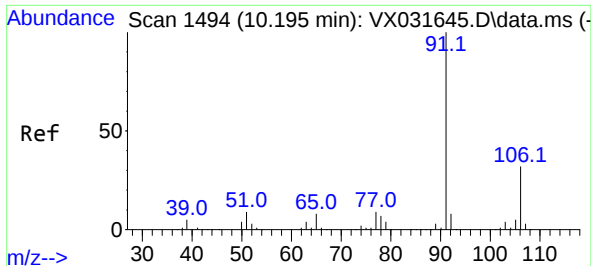
Tgt Ion: 95 Resp: 151559
Ion Ratio Lower Upper
95 100
174 80.6 0.0 153.2
176 78.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 117 Resp: 219168
Ion Ratio Lower Upper
117 100
82 53.2 46.8 70.2
119 32.2 26.4 39.6

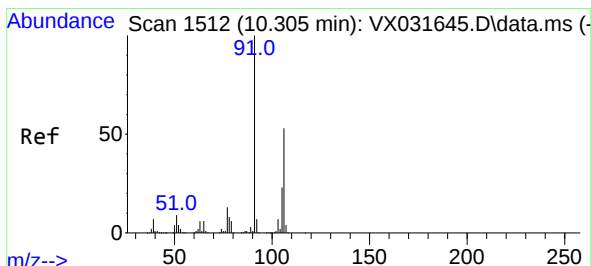
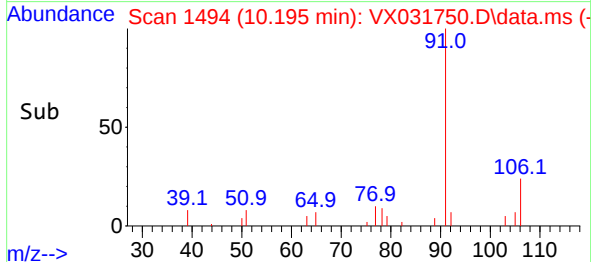
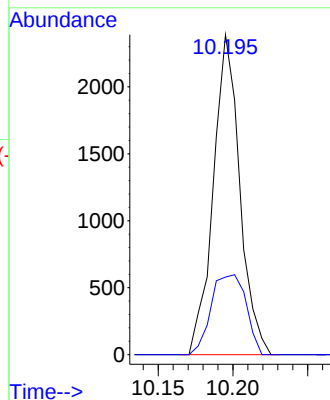
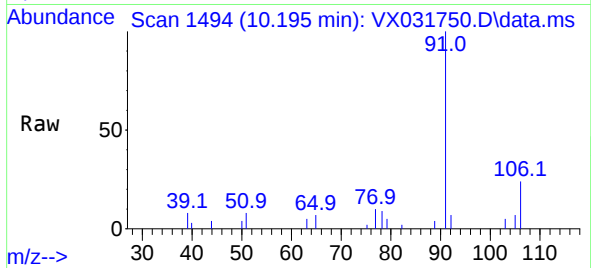




#67
Ethyl Benzene
Concen: 0.284 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

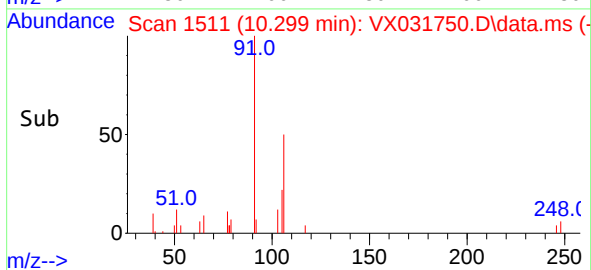
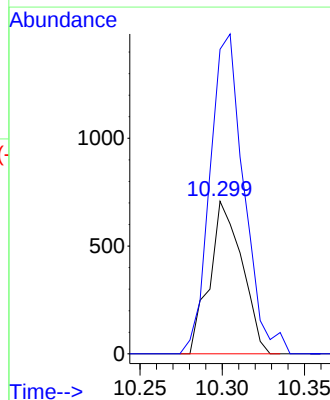
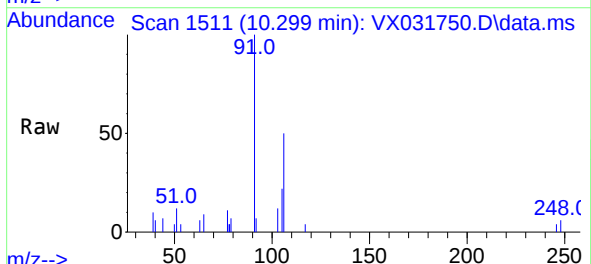
Instrument :
MSVOA_X
ClientSampleId :
MW-8

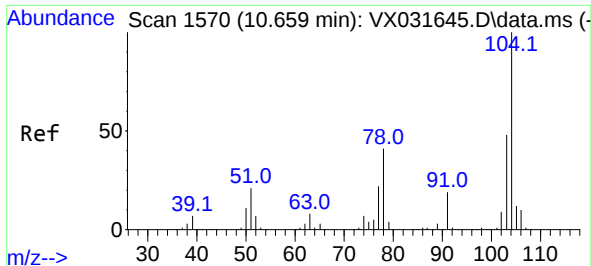
Tgt Ion: 91 Resp: 2949
Ion Ratio Lower Upper
91 100
106 24.2 25.2 37.8#



#68
m/p-Xylenes
Concen: 0.233 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 106 Resp: 972
Ion Ratio Lower Upper
106 100
91 219.4 161.0 241.4

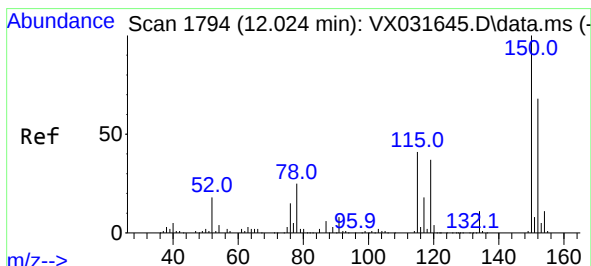
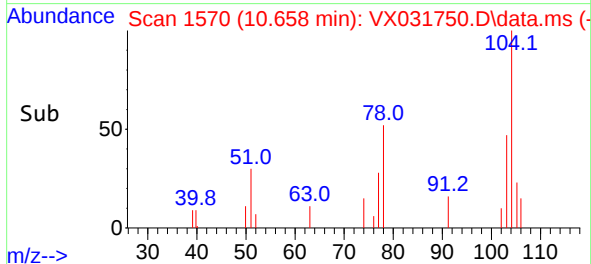
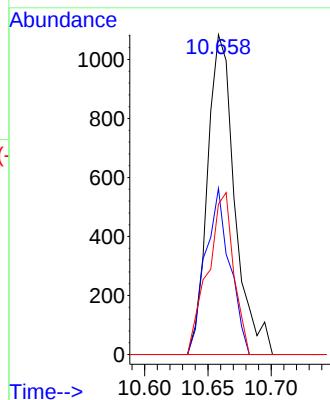
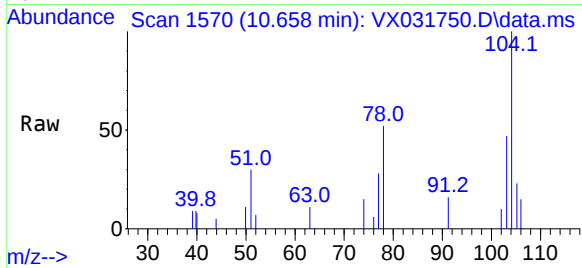




#70
Styrene
Concen: 0.245 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

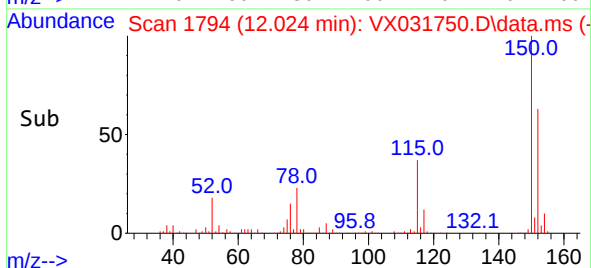
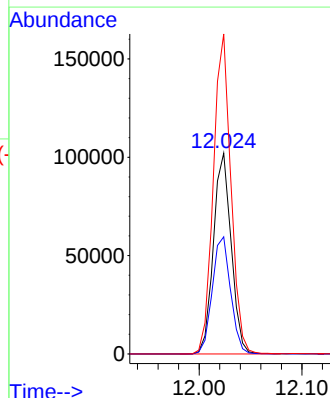
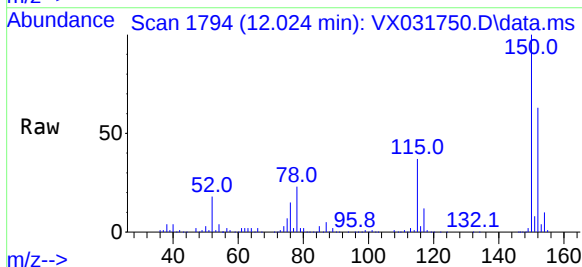
Instrument :
MSVOA_X
ClientSampleId :
MW-8

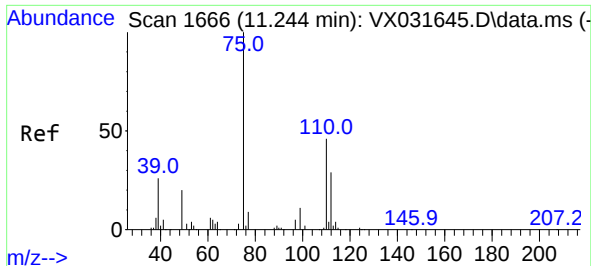
Tgt Ion:	104	Resp:	1627
Ion	Ratio	Lower	Upper
104	100		
78	46.5	41.4	62.2
103	47.8	43.8	65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion:	152	Resp:	122688
Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.4	130.1
150	157.7	0.0	346.8

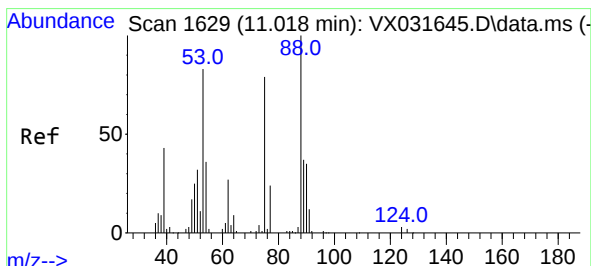
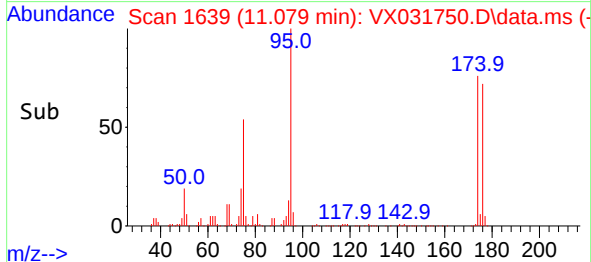
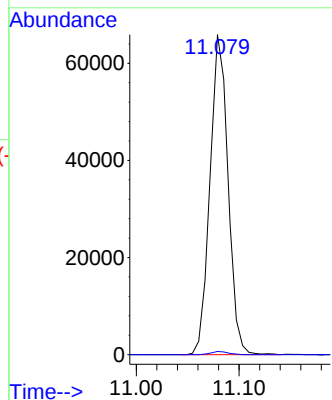
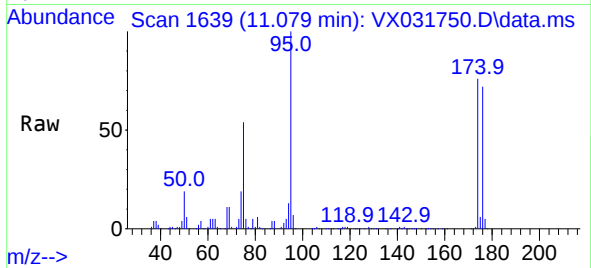




#76
1,2,3-Trichloropropane
Concen: 36.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 75 Resp: 80323
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031750.D
Acq: 29 Sep 2022 01:23

Tgt Ion: 75 Resp: 80323
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

