

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033261.D
 Acq On : 06 Dec 2022 15:54
 Operator : JC/MD
 Sample : N5875-07DL 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41DL

Quant Time: Dec 07 01:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

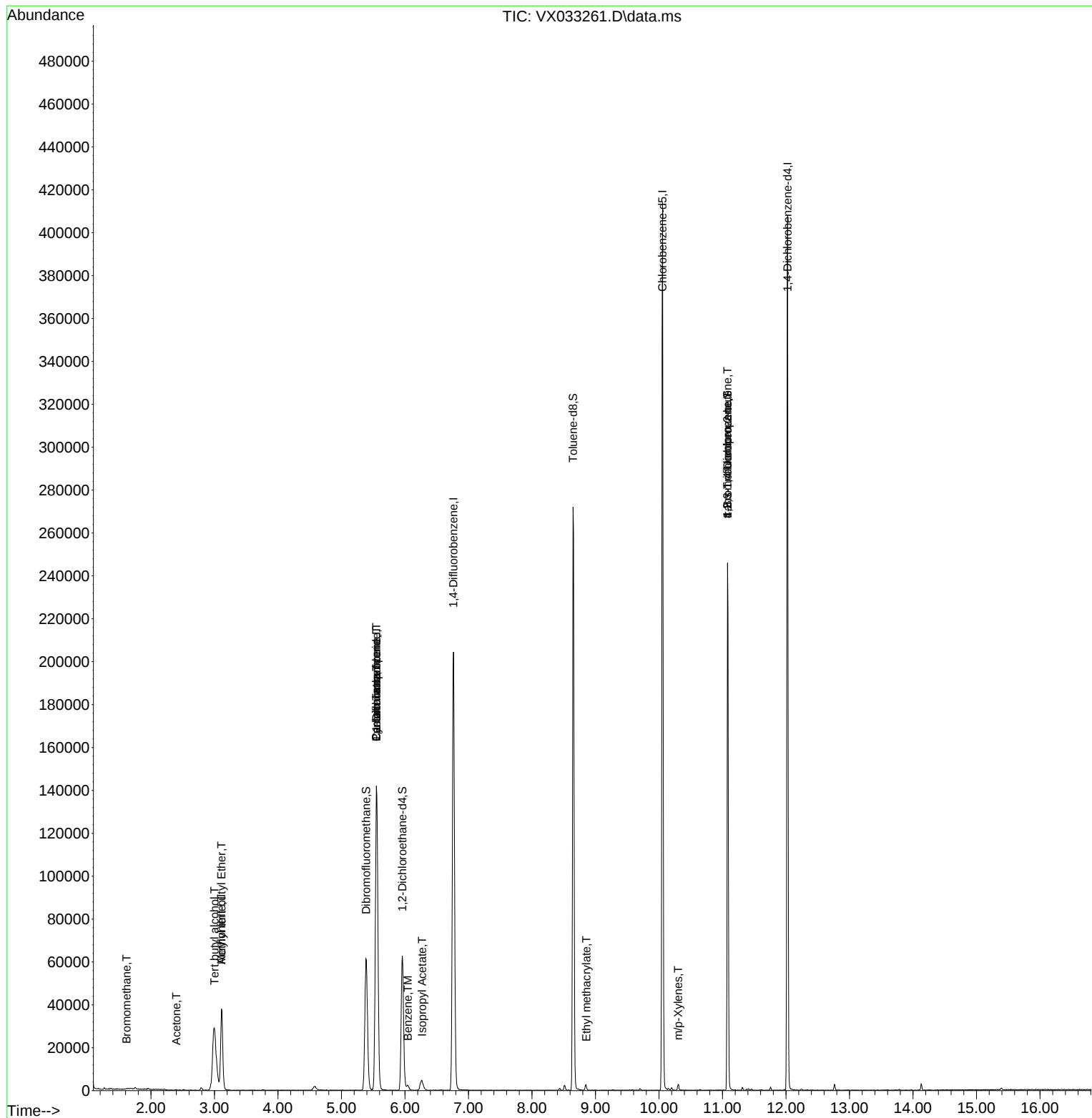
Internal Standards						
1) Pentafluorobenzene	5.550	168	136197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64375	48.262	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.520%		
35) Dibromofluoromethane	5.385	113	53559	44.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.100%		
50) Toluene-d8	8.647	98	165841	45.662	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.320%#		
62) 4-Bromofluorobenzene	11.079	95	64370	40.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.520%#		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	198	0.213	ug/l #	44
11) Tert butyl alcohol	3.002	59	62624	297.850	ug/l	99
15) Acrylonitrile	3.111	53	601	1.011	ug/l #	18
16) Acetone	2.398	43	223	0.360	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	41065	9.962	ug/l	97
20) Methylene Chloride	2.782	84	739	Below Cal	#	77
31) Cyclohexane	5.550	56	2758	1.283	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9942	5.172	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13815	6.479	ug/l #	15
40) Benzene	6.044	78	2769	0.514	ug/l	97
43) Isopropyl Acetate	6.269	43	1459	0.526	ug/l #	61
56) Ethyl methacrylate	8.854	69	436	0.219	ug/l #	76
68) m/p-Xylenes	10.299	106	729	0.282	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	33694	20.618	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33694	67.018	ug/l #	6

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

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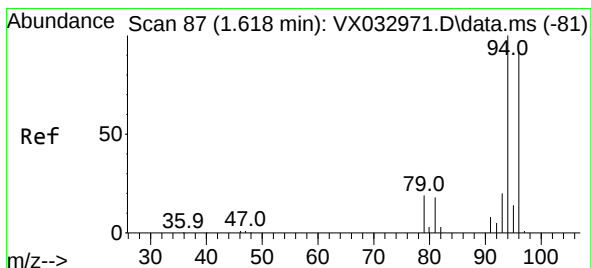
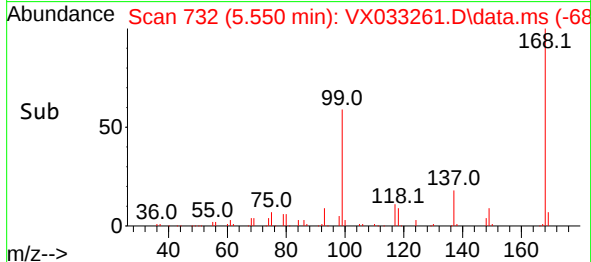
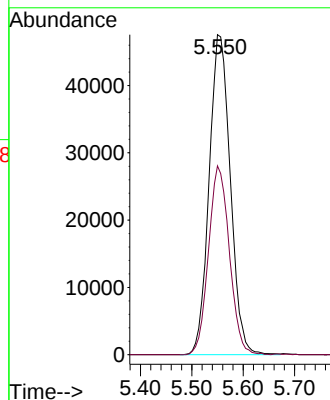
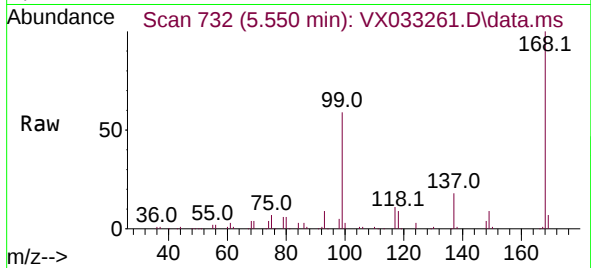




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

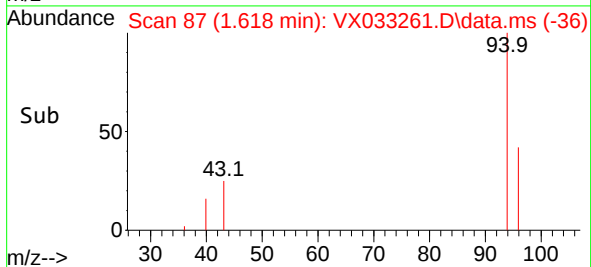
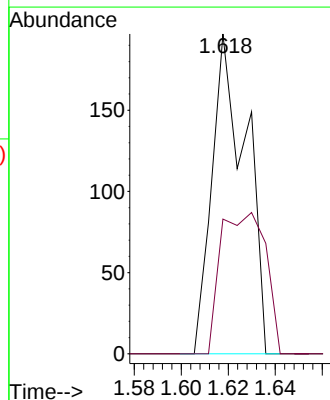
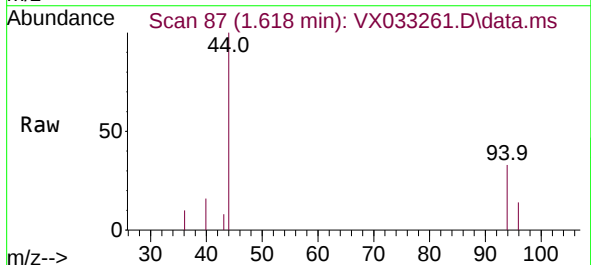
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

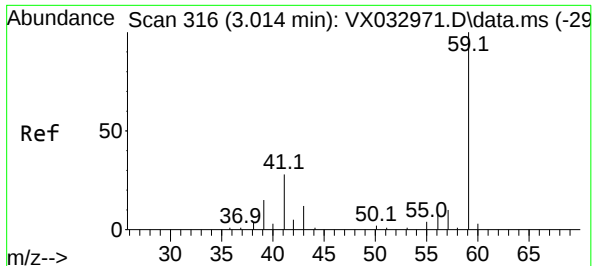
Tgt Ion:168 Resp: 136197
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1



#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.013 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 94 Resp: 198
Ion Ratio Lower Upper
94 100
96 42.1 77.6 116.4#





#11

Tert butyl alcohol

Concen: 297.850 ug/l

RT: 3.002 min Scan# 31

Delta R.T. 0.037 min

Lab File: VX033261.D

Acq: 06 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

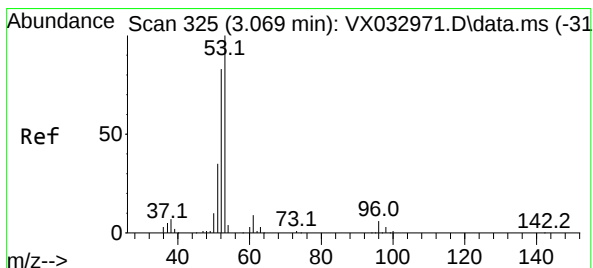
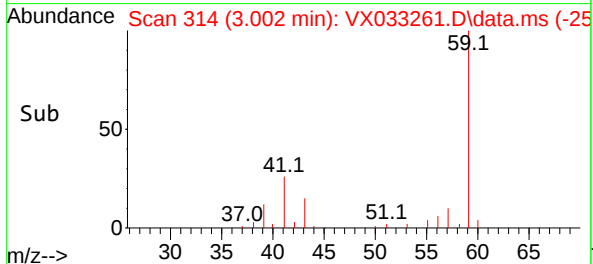
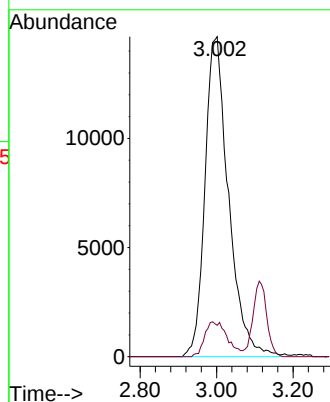
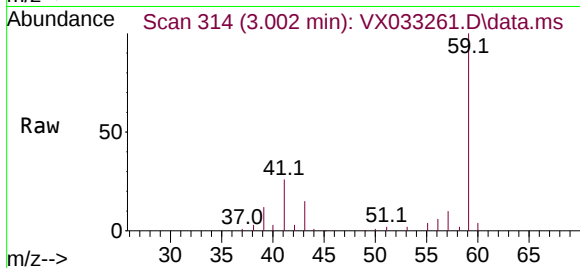
MW-41DL

Tgt Ion: 59 Resp: 62624

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



#15

Acrylonitrile

Concen: 1.011 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.049 min

Lab File: VX033261.D

Acq: 06 Dec 2022 15:54

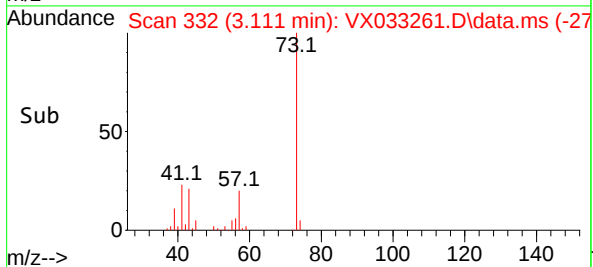
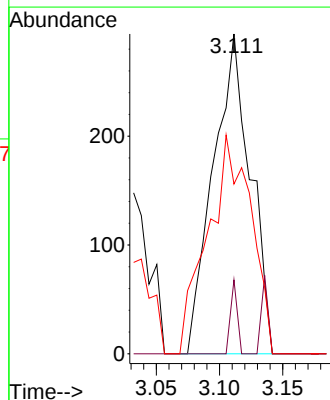
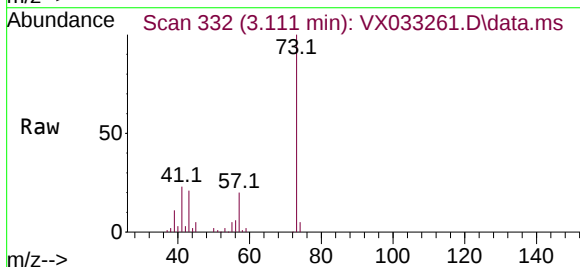
Tgt Ion: 53 Resp: 601

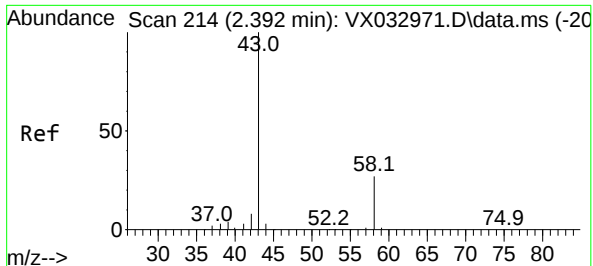
Ion Ratio Lower Upper

53 100

52 4.2 67.4 101.0#

51 79.5 30.3 45.5#

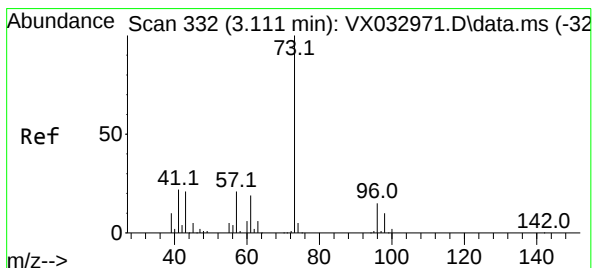
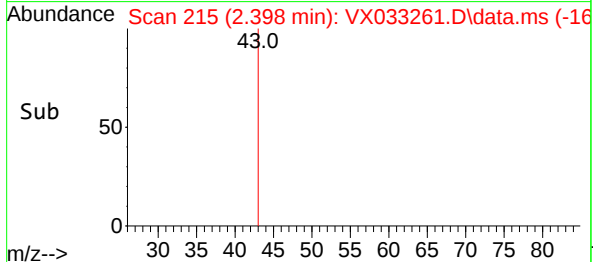
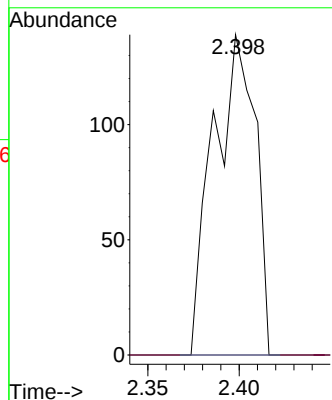
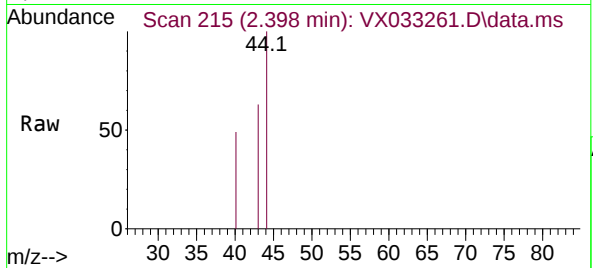




#16
Acetone
Concen: 0.360 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

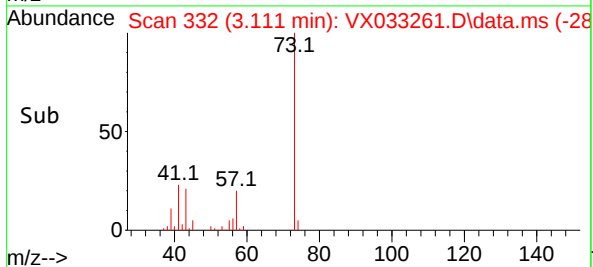
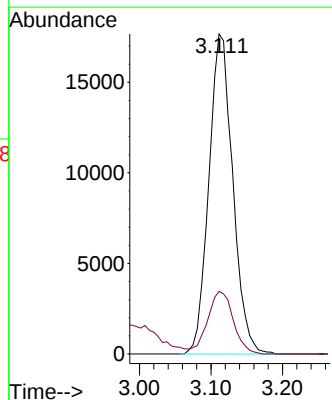
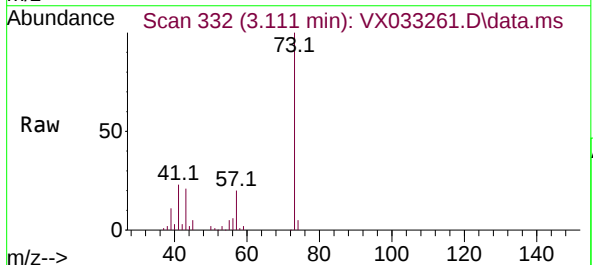
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

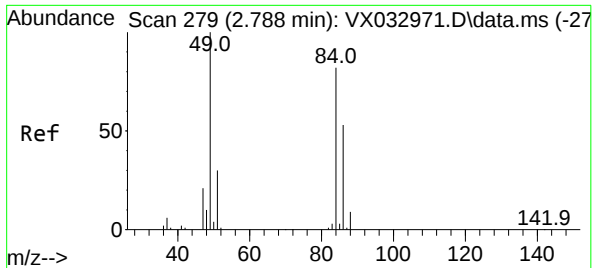
Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 9.962 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 73 Resp: 41065
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0



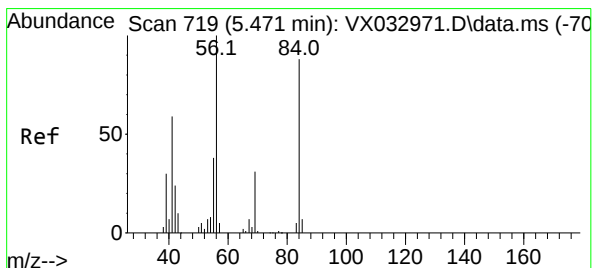
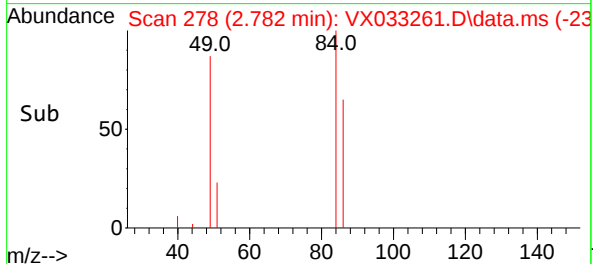
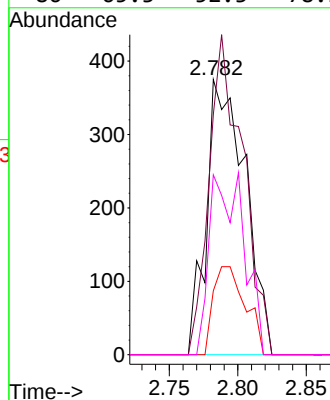
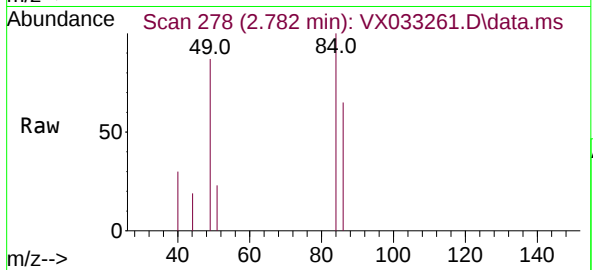


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

Tgt Ion: 84 Resp: 739

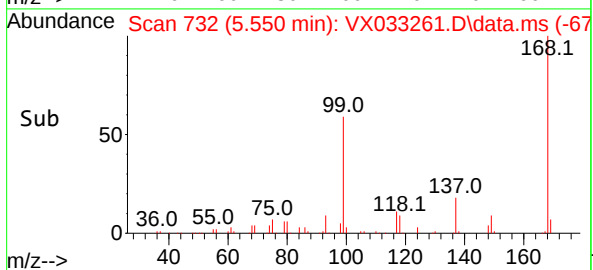
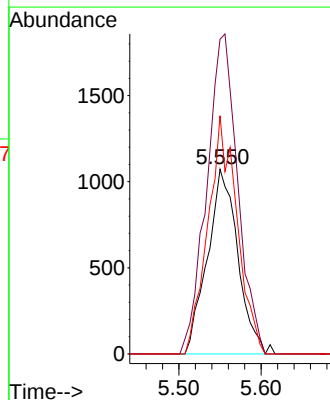
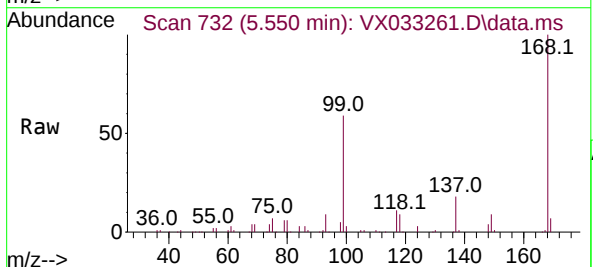
Ion	Ratio	Lower	Upper
84	100		
49	87.2	101.0	151.6#
51	23.2	31.1	46.7#
86	65.3	52.3	78.5

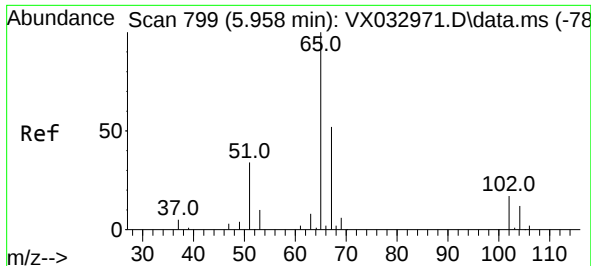


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 56 Resp: 2758

Ion	Ratio	Lower	Upper
56	100		
69	170.4	24.1	36.1#
84	129.0	66.9	100.3#

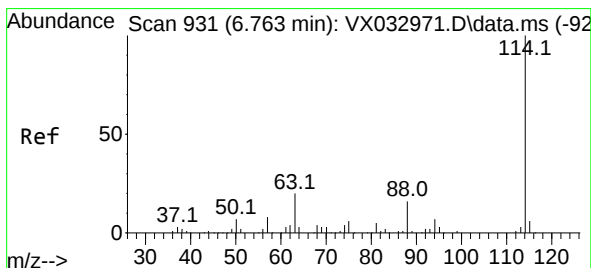
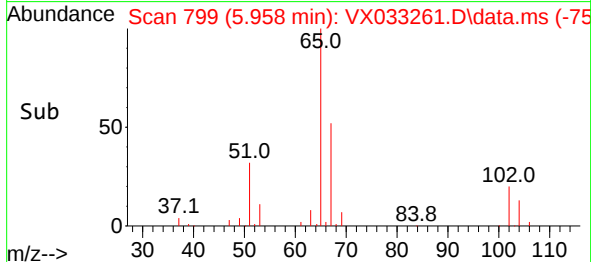
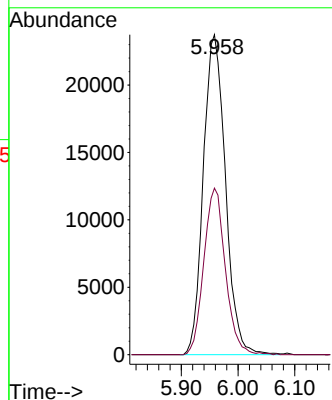
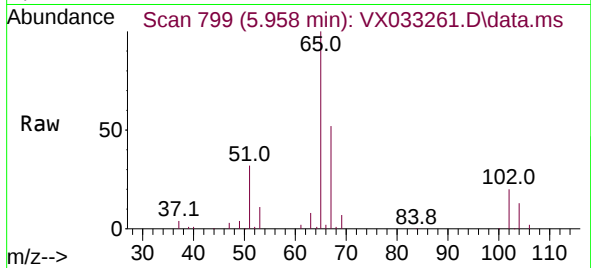




#33
 1,2-Dichloroethane-d4
 Concen: 48.262 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033261.D
 Acq: 06 Dec 2022 15:54

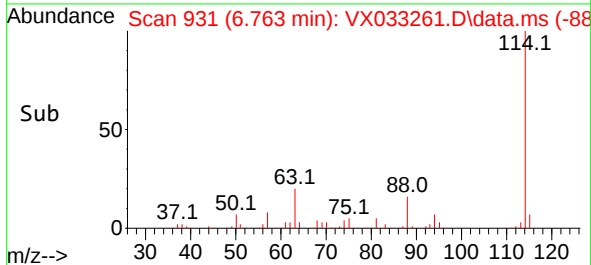
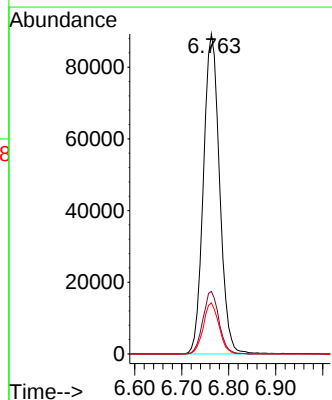
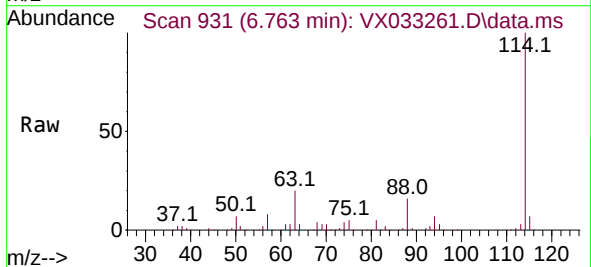
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41DL

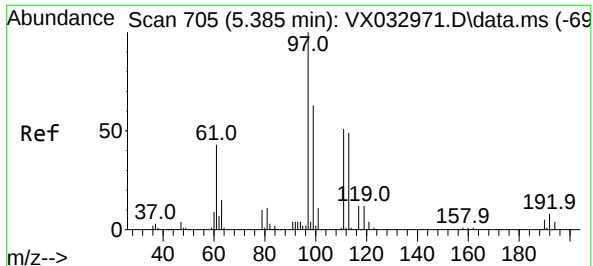
Tgt Ion: 65 Resp: 64375
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033261.D
 Acq: 06 Dec 2022 15:54

Tgt Ion: 114 Resp: 213241
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.6
 88 16.0 0.0 33.4

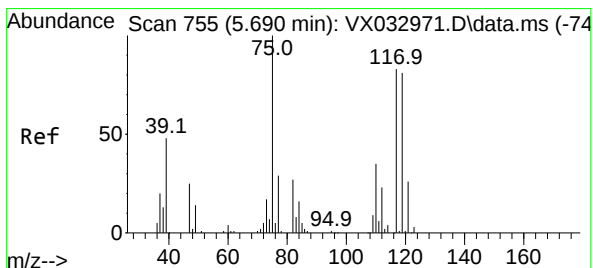
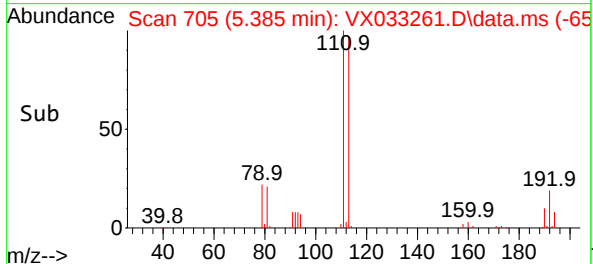
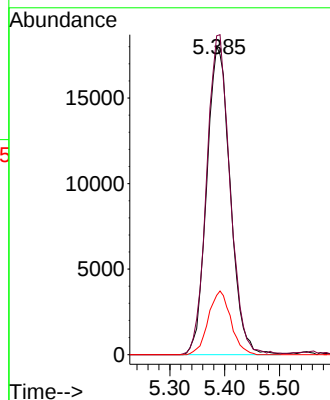
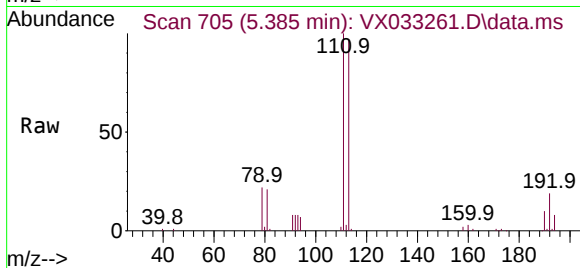




#35
Dibromofluoromethane
Concen: 44.552 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

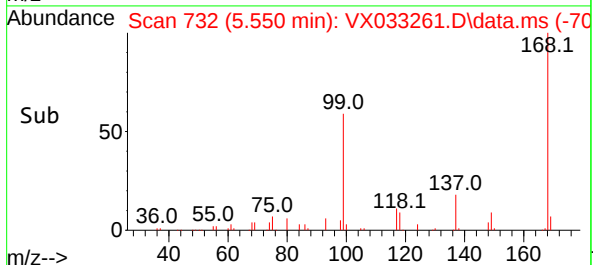
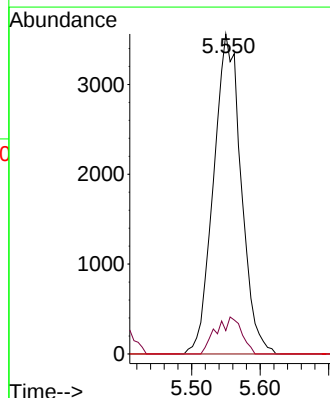
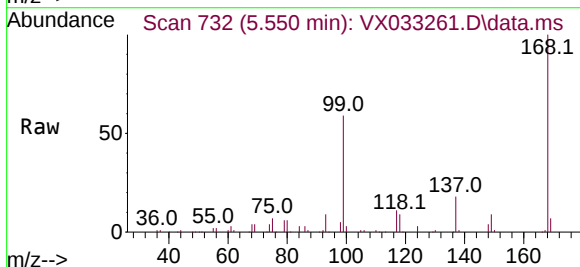
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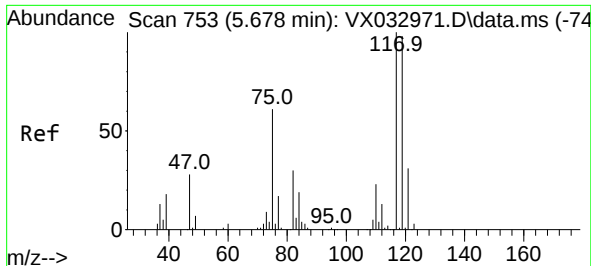
Tgt Ion:113 Resp: 53559
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.172 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

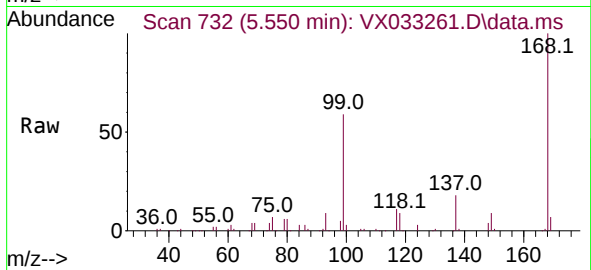
Tgt Ion: 75 Resp: 9942
Ion Ratio Lower Upper
75 100
110 10.7 18.4 55.2#
77 0.0 24.5 36.7#



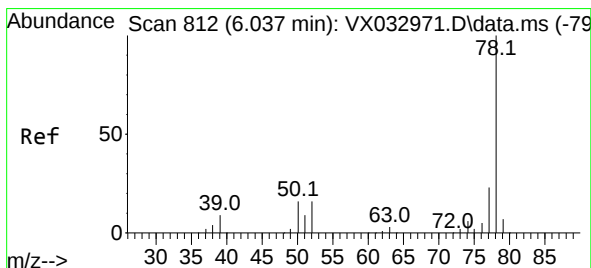
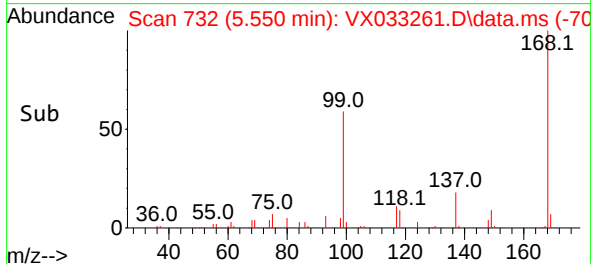
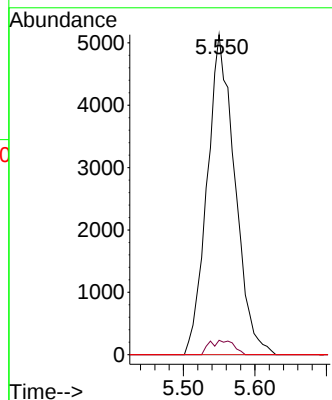


#38
Carbon Tetrachloride
Concen: 6.479 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

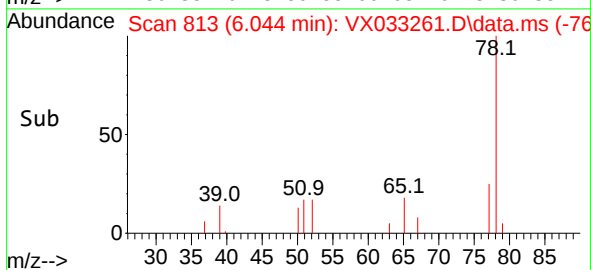
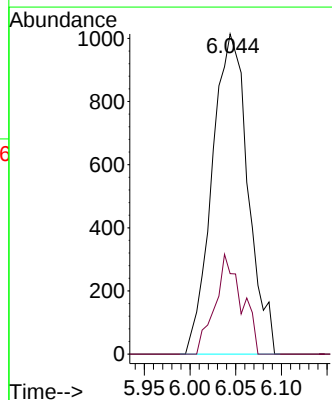
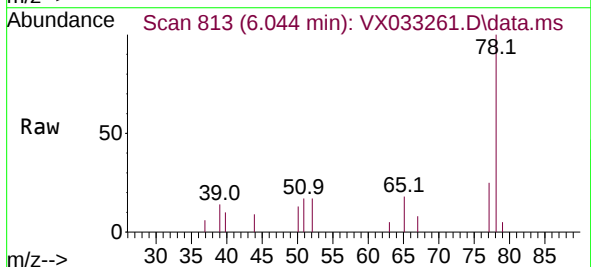


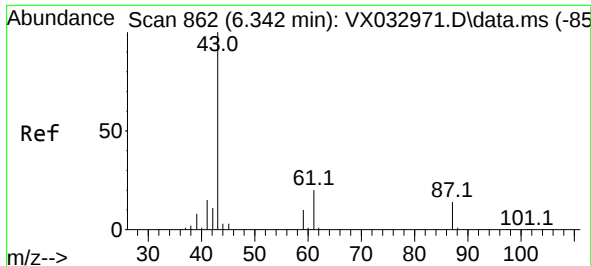
Tgt Ion:117 Resp: 13815
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.8 38.6#



#40
Benzene
Concen: 0.514 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 78 Resp: 2769
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.4

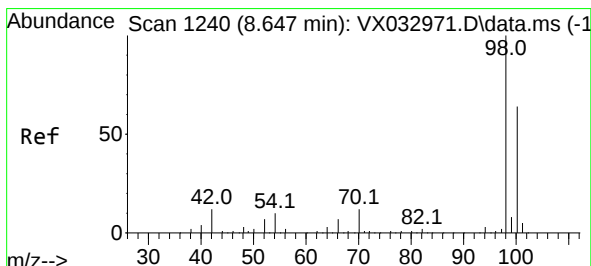
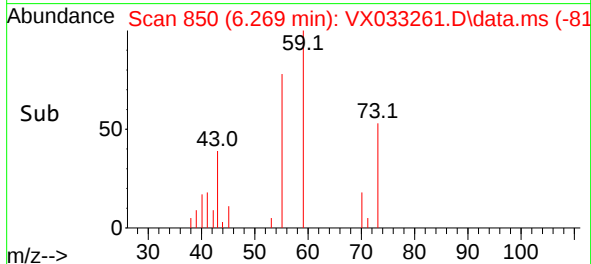
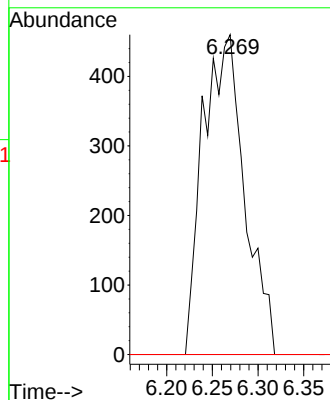
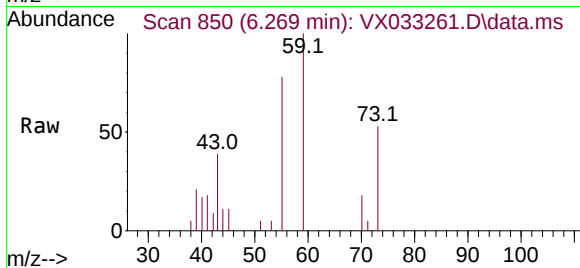




#43
Isopropyl Acetate
Concen: 0.526 ug/l
RT: 6.269 min Scan# 81
Delta R.T. -0.073 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

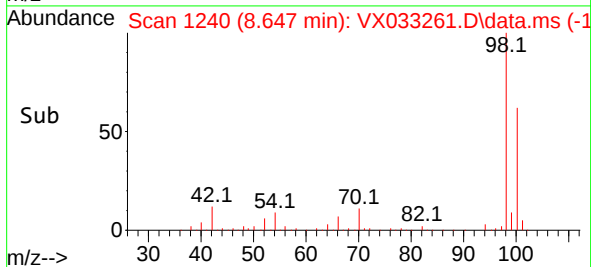
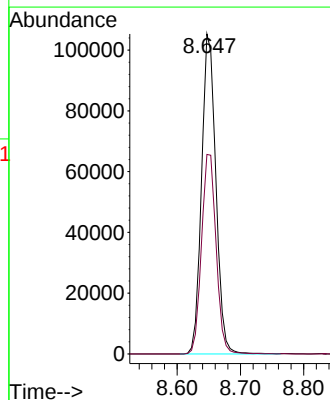
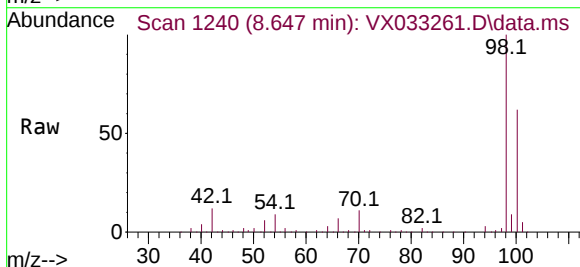
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

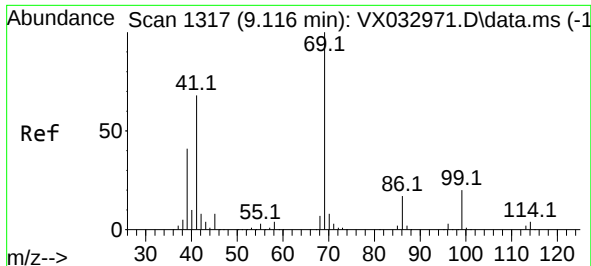
Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#



#50
Toluene-d8
Concen: 45.662 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 98 Resp: 165841
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

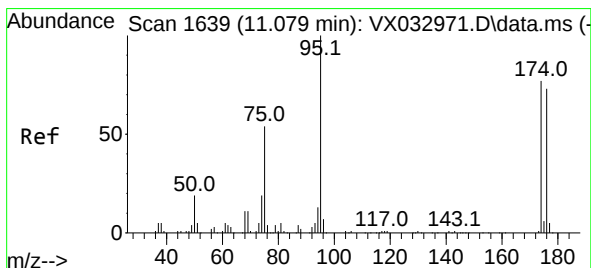
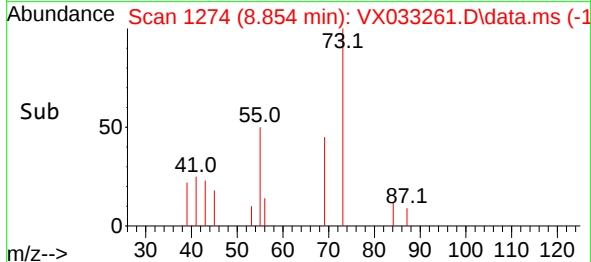
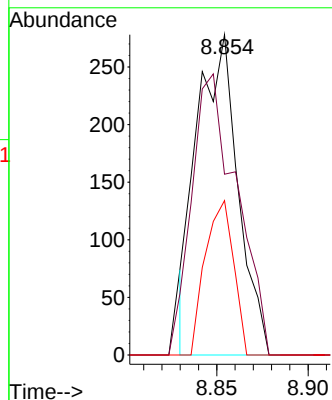
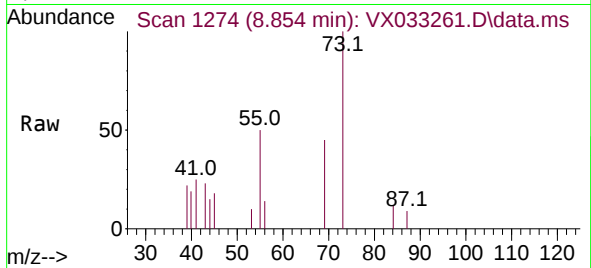




#56
Ethyl methacrylate
Concen: 0.219 ug/l
RT: 8.854 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

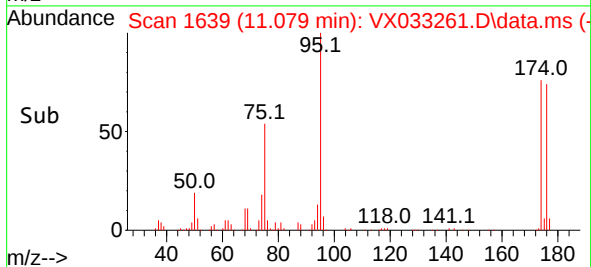
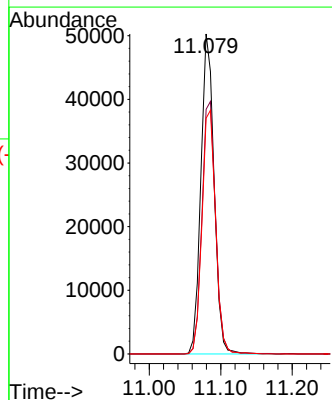
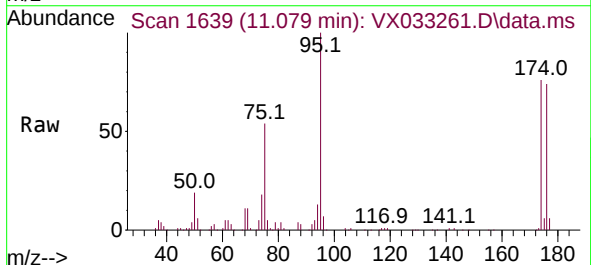
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

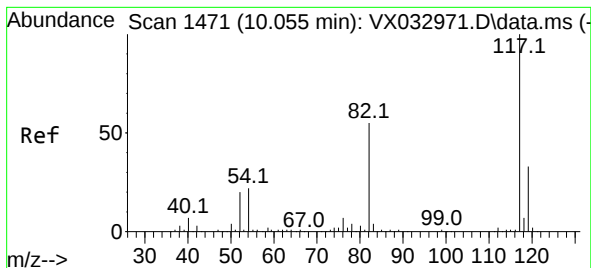
Tgt Ion: 69 Resp: 436
Ion Ratio Lower Upper
69 100
41 91.5 54.3 81.5#
39 33.3 35.2 52.8#



#62
4-Bromofluorobenzene
Concen: 40.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 95 Resp: 64370
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 79.0 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033261.D

Acq: 06 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

MW-41DL

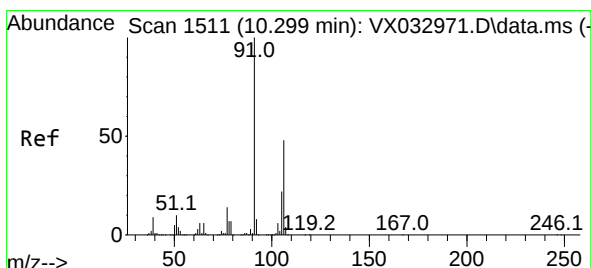
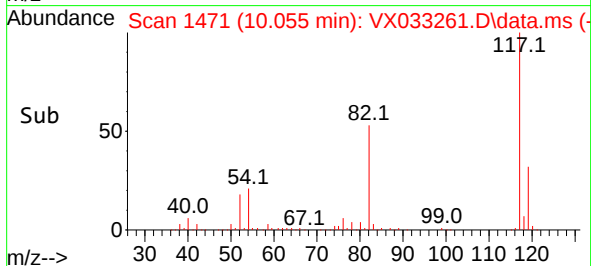
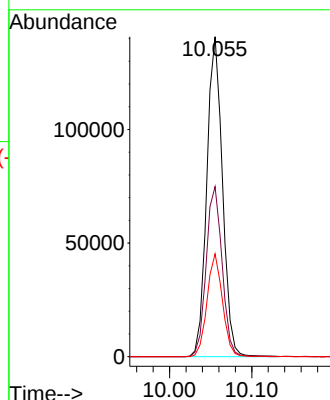
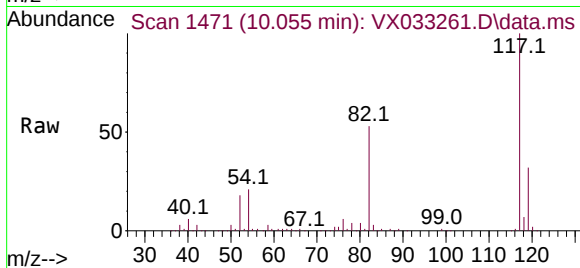
Tgt Ion:117 Resp: 186418

Ion Ratio Lower Upper

117 100

82 53.2 44.3 66.5

119 32.2 25.7 38.5



#68

m/p-Xylenes

Concen: 0.282 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX033261.D

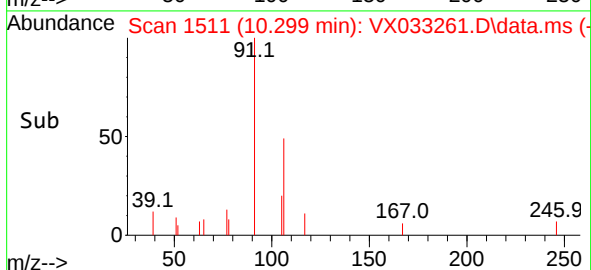
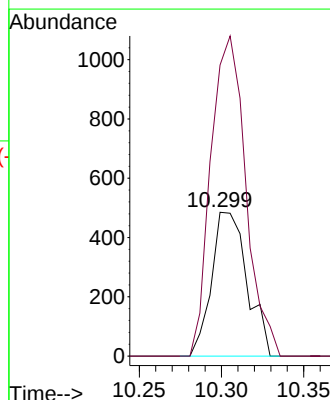
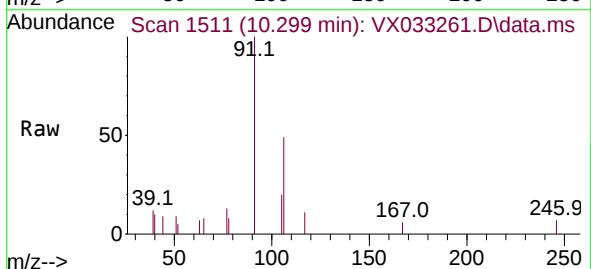
Acq: 06 Dec 2022 15:54

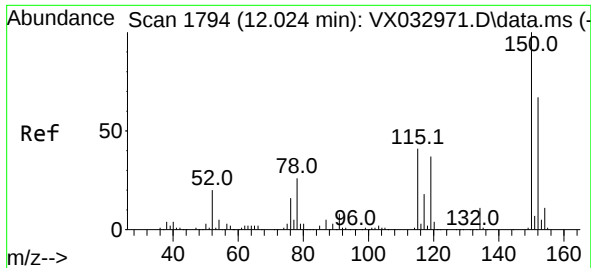
Tgt Ion:106 Resp: 729

Ion Ratio Lower Upper

106 100

91 219.1 164.5 246.7

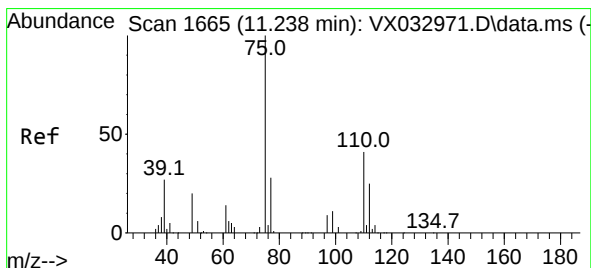
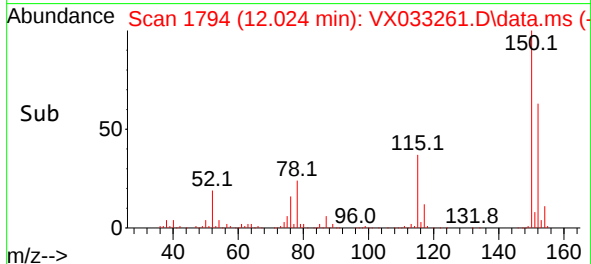
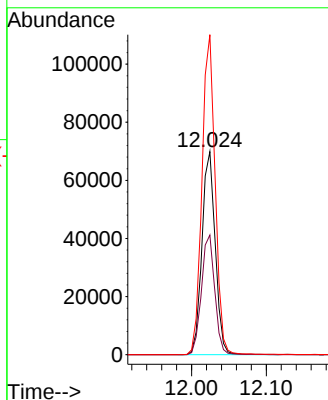
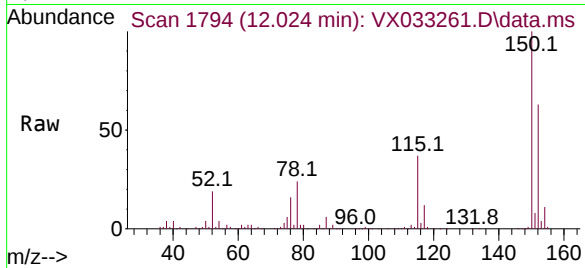




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

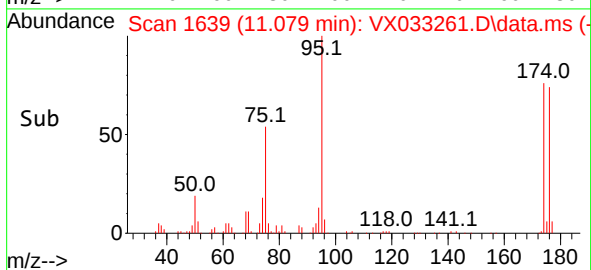
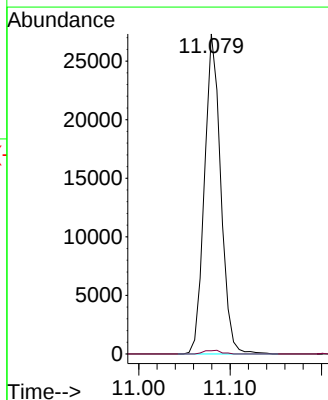
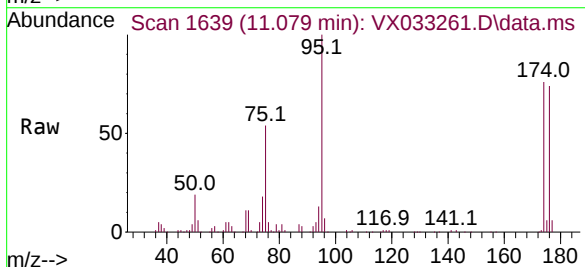
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

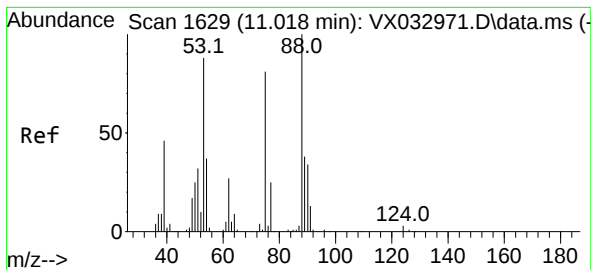
Tgt Ion:152 Resp: 86291
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 156.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 20.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 75 Resp: 33694
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.018 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033261.D
 Acq: 06 Dec 2022 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41DL

Tgt Ion: 75 Resp: 33694
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

