

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029961.D
 Acq On : 07 Jul 2022 17:38
 Operator : JC/MD
 Sample : N3617-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Quant Time: Jul 08 05:35:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

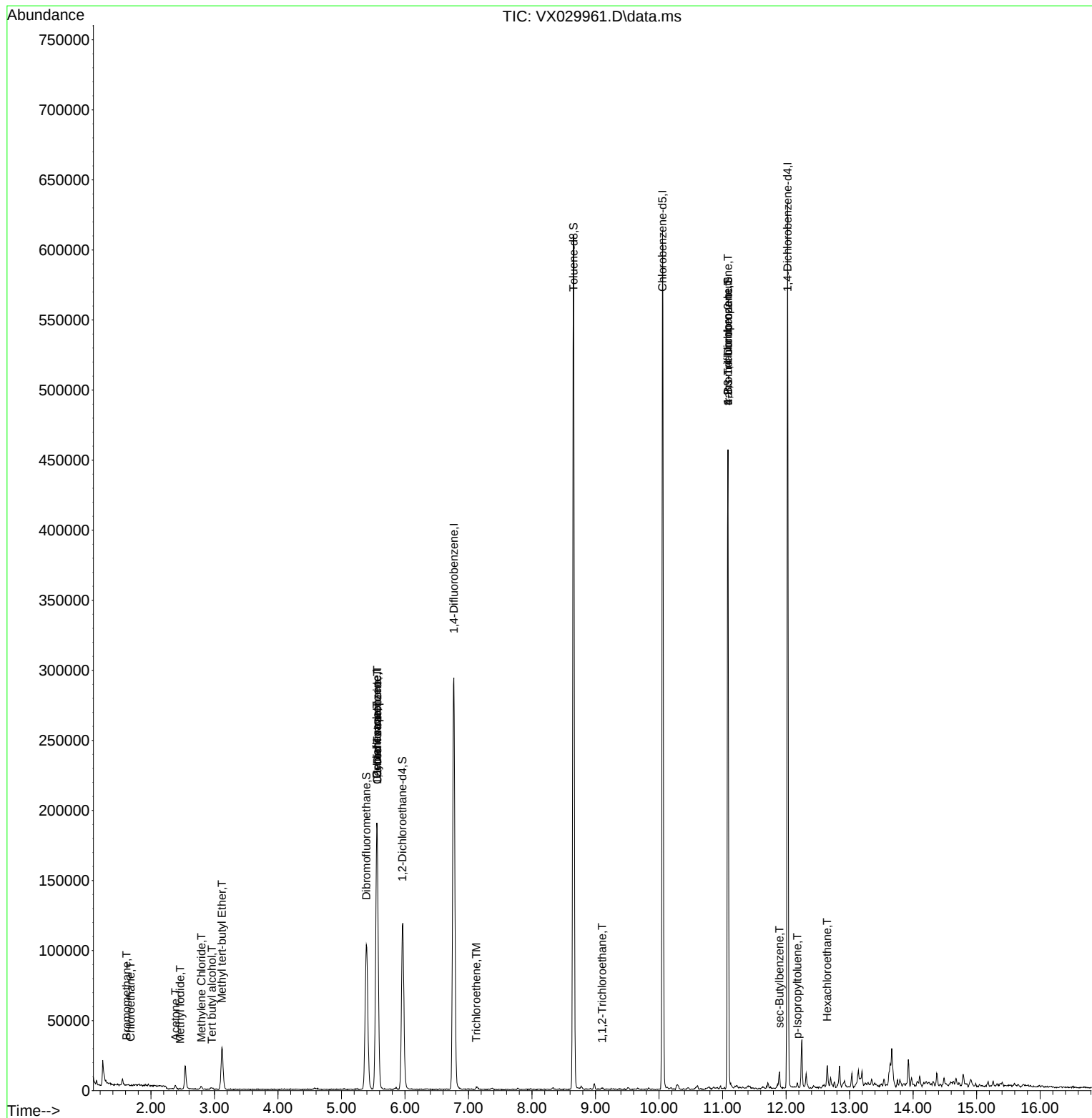
Internal Standards						
1) Pentafluorobenzene	5.555	168	185196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104185	44.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.880%
35) Dibromofluoromethane	5.391	113	94304	46.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.652	98	367539	48.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.085	95	125909	46.860	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	294	0.258	ug/l #	78
6) Chloroethane	1.678	64	158	1.138	ug/l #	41
10) Methyl Iodide	2.458	142	351	2.006	ug/l #	80
11) Tert butyl alcohol	2.958	59	1020	1.664	ug/l #	74
13) Acrolein	2.123	56	101	Below Cal	#	14
16) Acetone	2.385	43	2721	2.373	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	32302	5.016	ug/l	98
20) Methylene Chloride	2.794	84	733	0.303	ug/l #	78
31) Cyclohexane	5.555	56	3589	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13980	5.188	ug/l #	45
38) Carbon Tetrachloride	5.562	117	17682	7.572	ug/l #	17
44) Trichloroethene	7.122	130	822	0.350	ug/l	91
55) 1,1,2-Trichloroethane	9.104	97	472	0.206	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	57327	19.260	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57327	61.164	ug/l #	12
85) sec-Butylbenzene	11.896	105	5795	0.621	ug/l	90
86) p-Isopropyltoluene	12.176	119	1665	0.224	ug/l	88
90) Hexachloroethane	12.646	117	4691	3.863	ug/l #	16

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

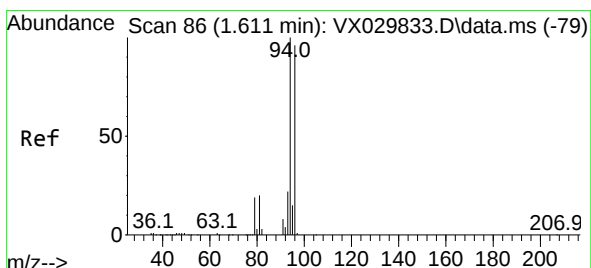
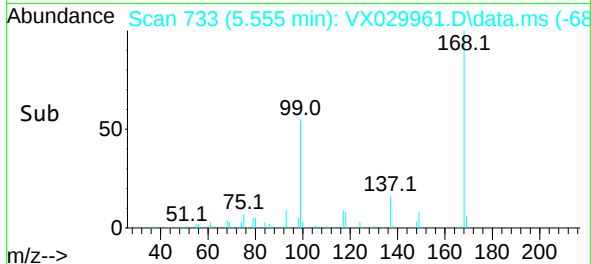
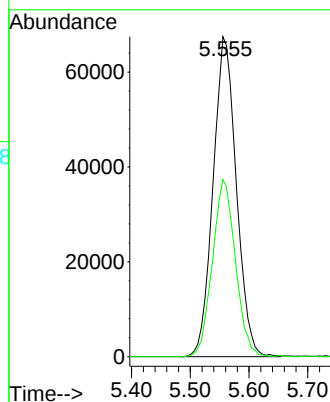
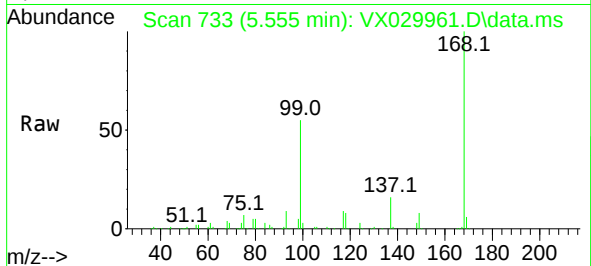




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

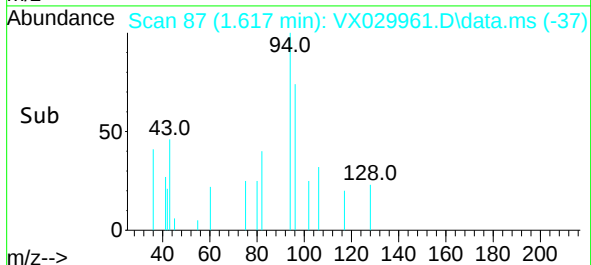
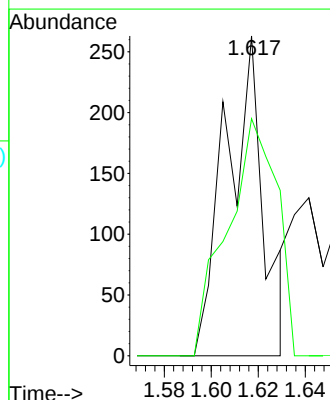
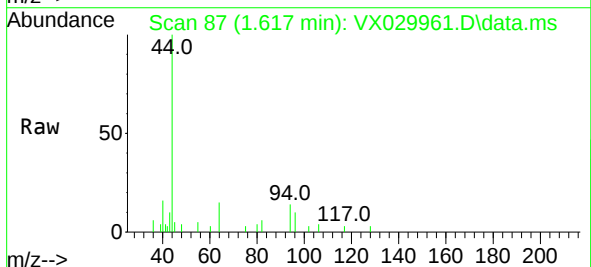
Instrument :
MSVOA_X
ClientSampleId :
MW-06

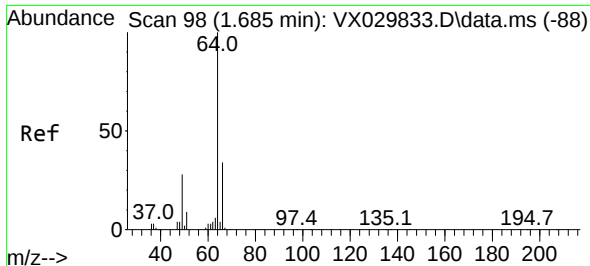
Tgt Ion:168 Resp: 185196
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#5
Bromomethane
Concen: 0.258 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 74.1 76.9 115.3#

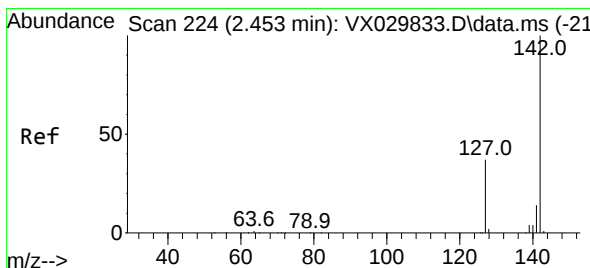
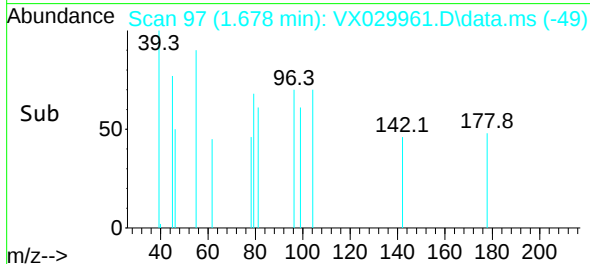
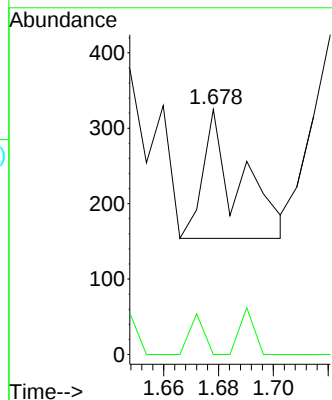
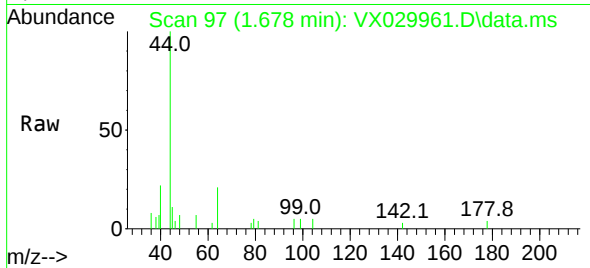




#6
Chloroethane
Concen: 1.138 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

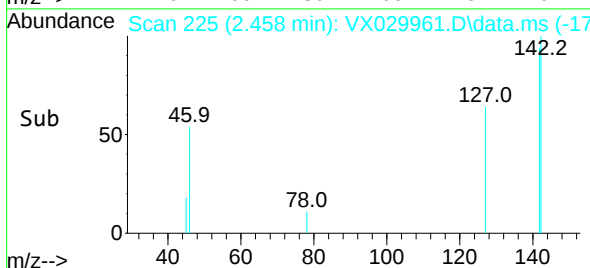
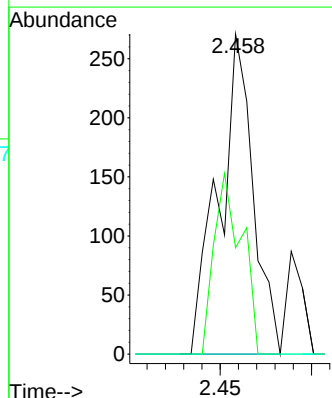
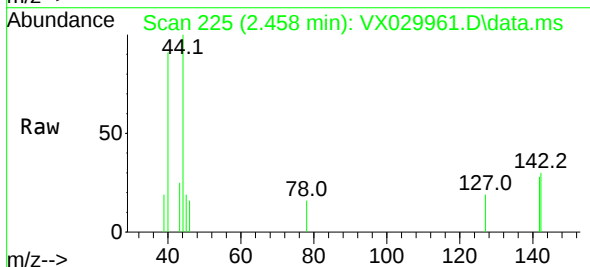
Instrument :
MSVOA_X
ClientSampleId :
MW-06

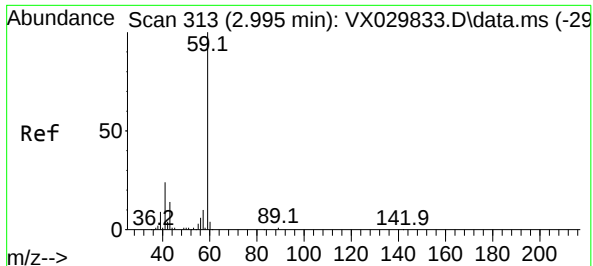
Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.006 ug/l
RT: 2.458 min Scan# 225
Delta R.T. 0.005 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion: 142 Resp: 351
Ion Ratio Lower Upper
142 100
127 46.2 30.2 45.2#
141 0.0 11.3 16.9#

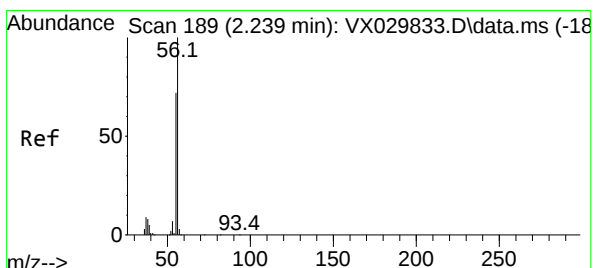
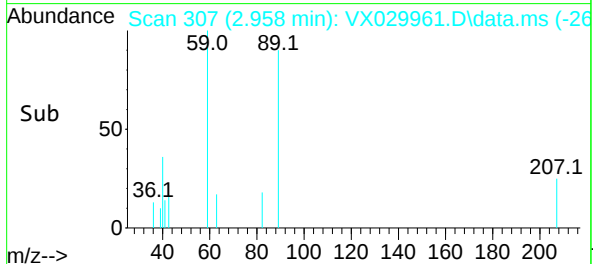
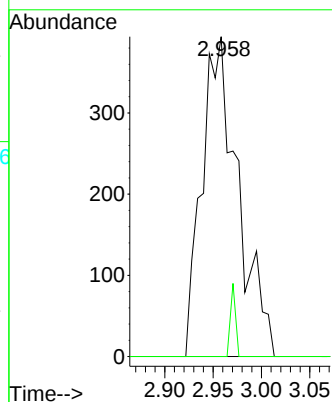
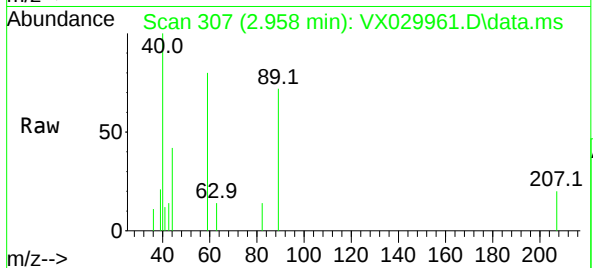




#11
Tert butyl alcohol
Concen: 1.664 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.037 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

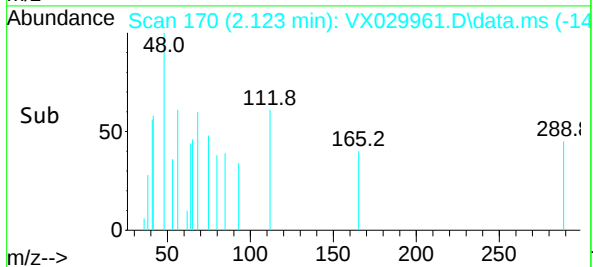
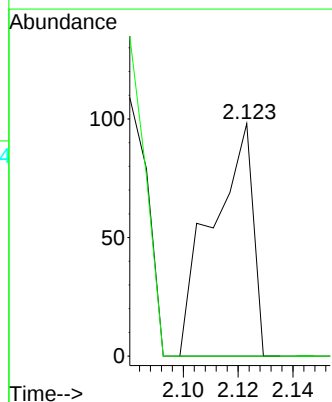
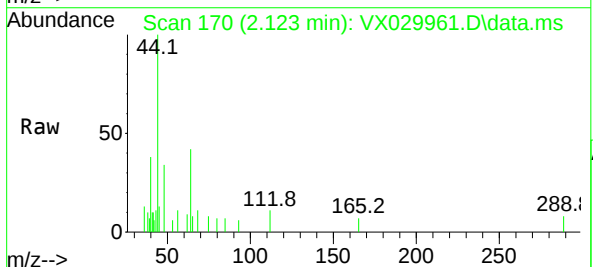
Instrument :
MSVOA_X
ClientSampleId :
MW-06

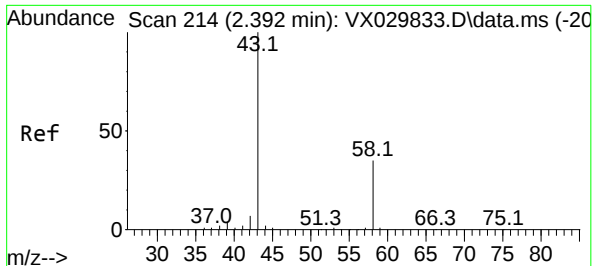
Tgt Ion: 59 Resp: 1020
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: Below Cal
RT: 2.123 min Scan# 170
Delta R.T. -0.116 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

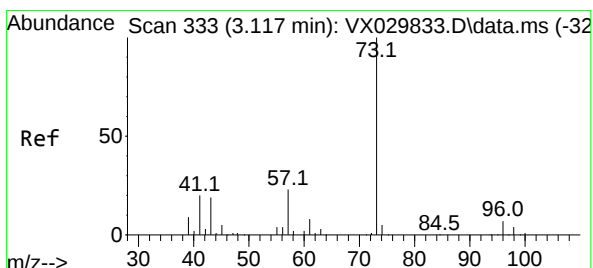
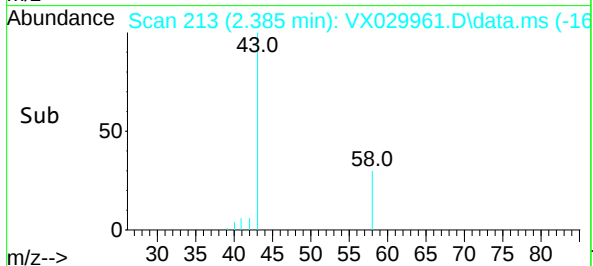
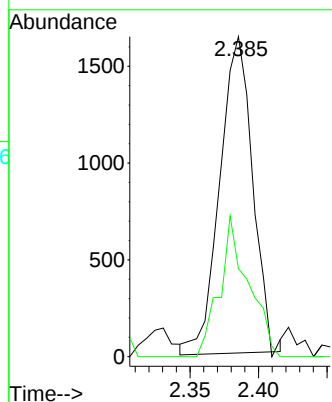
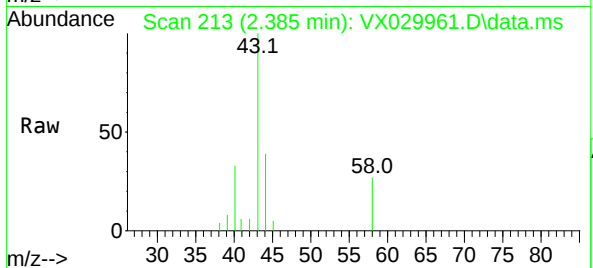




#16
Acetone
Concen: 2.373 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

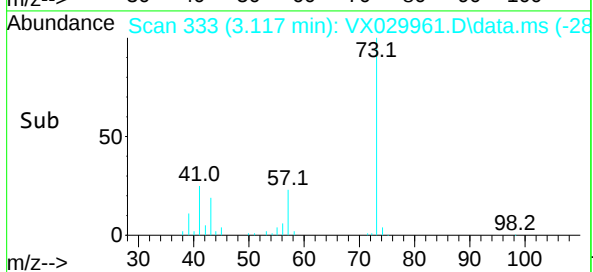
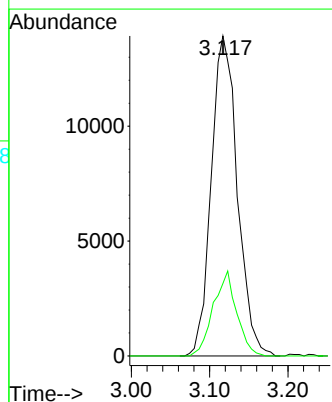
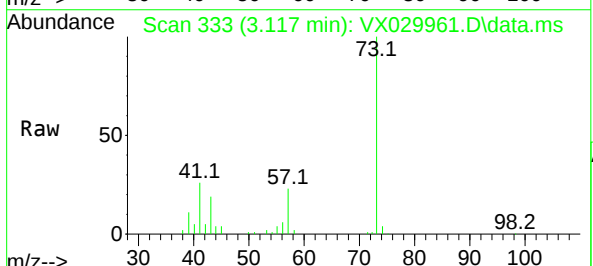
Instrument :
MSVOA_X
ClientSampleId :
MW-06

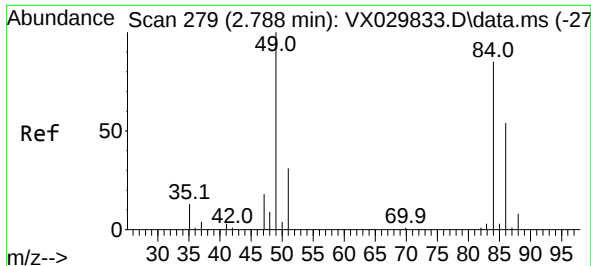
Tgt Ion: 43 Resp: 2721
Ion Ratio Lower Upper
43 100
58 28.6 27.7 41.5



#19
Methyl tert-butyl Ether
Concen: 5.016 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion: 73 Resp: 32302
Ion Ratio Lower Upper
73 100
57 22.7 19.0 28.6



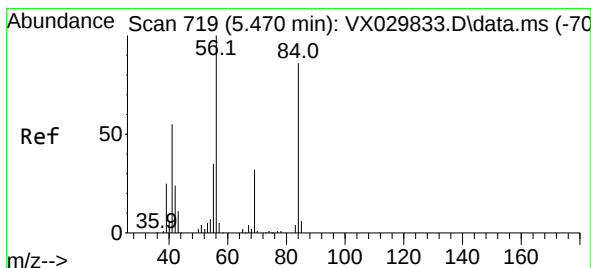
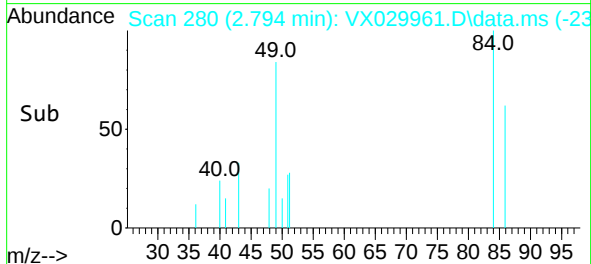
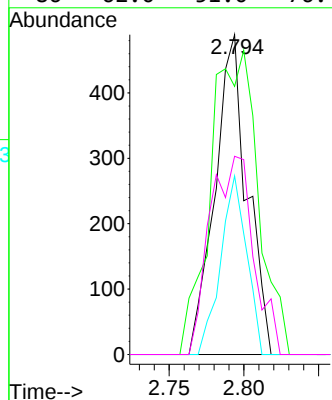
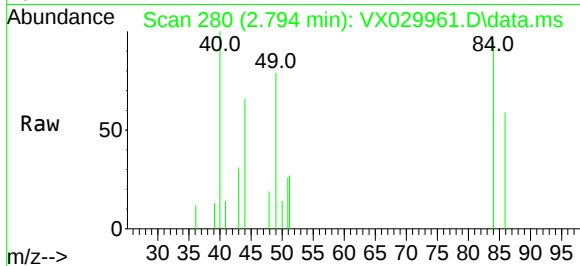


#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Tgt Ion: 84 Resp: 733

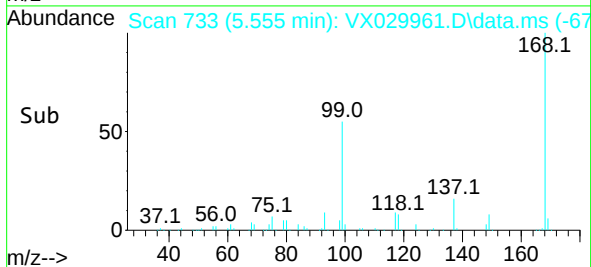
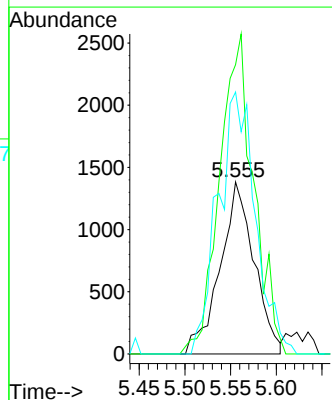
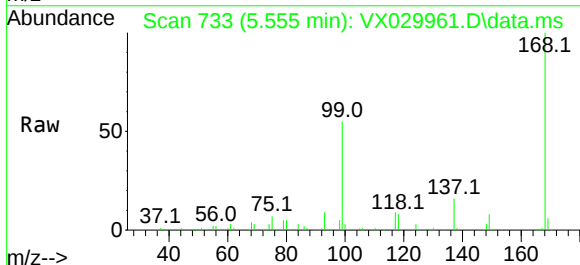
Ion	Ratio	Lower	Upper
84	100		
49	83.8	93.8	140.6#
51	55.8	29.4	44.0#
86	62.0	51.0	76.4

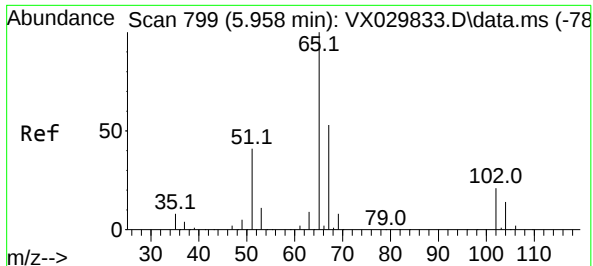


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion: 56 Resp: 3589

Ion	Ratio	Lower	Upper
56	100		
69	168.2	25.4	38.0#
84	152.3	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 44.442 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029961.D

Acq: 07 Jul 2022 17:38

Instrument :

MSVOA_X

ClientSampleId :

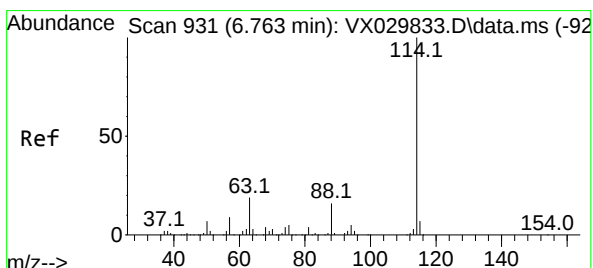
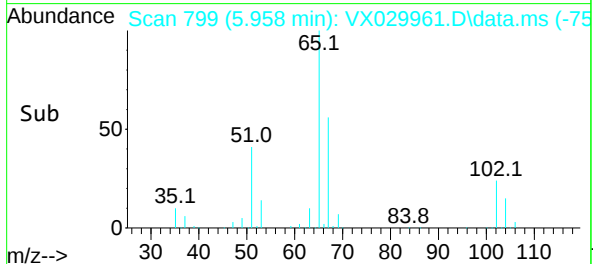
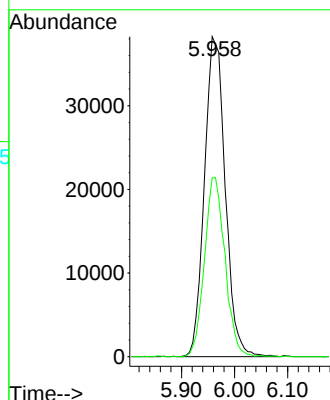
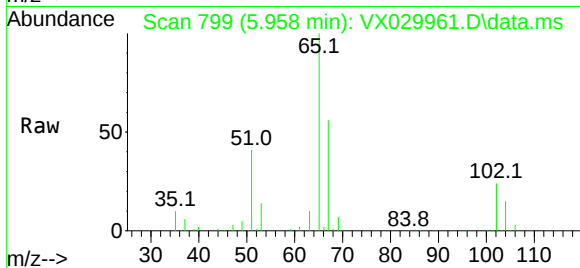
MW-06

Tgt Ion: 65 Resp: 104185

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029961.D

Acq: 07 Jul 2022 17:38

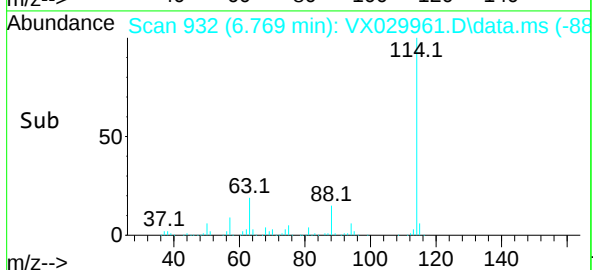
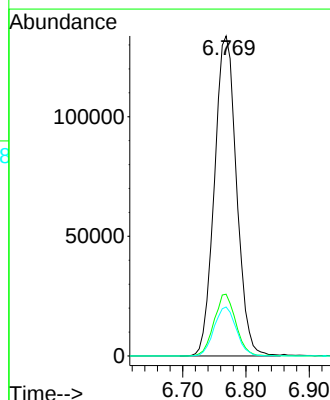
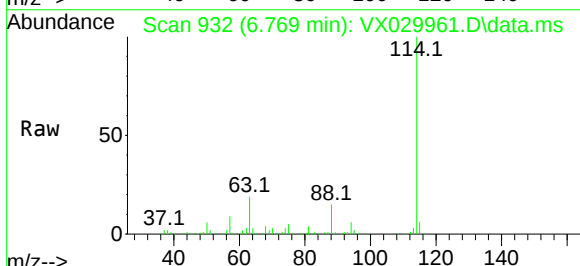
Tgt Ion: 114 Resp: 324218

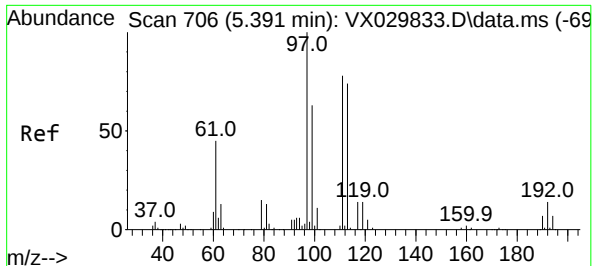
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.542 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029961.D

Acq: 07 Jul 2022 17:38

Instrument :

MSVOA_X

ClientSampleId :

MW-06

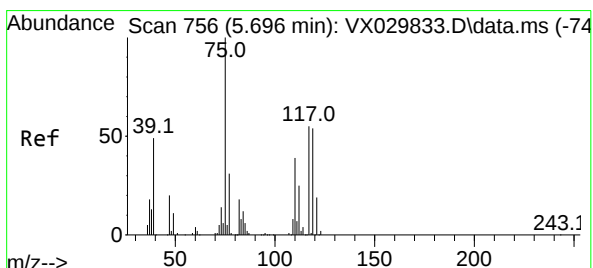
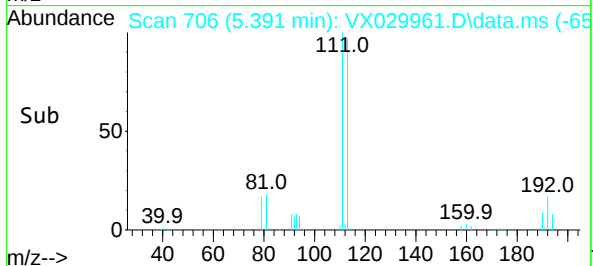
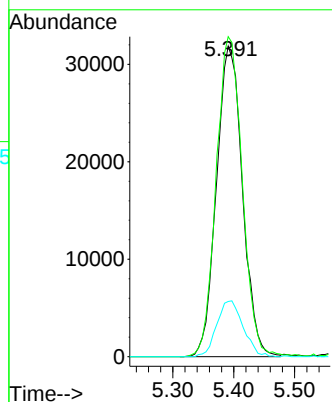
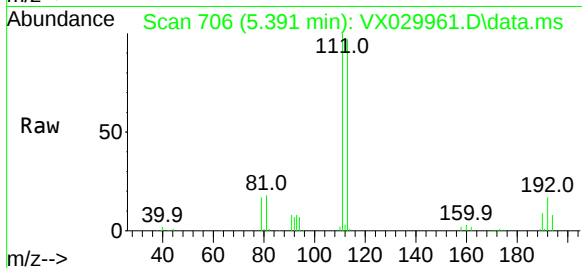
Tgt Ion:113 Resp: 94304

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.188 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX029961.D

Acq: 07 Jul 2022 17:38

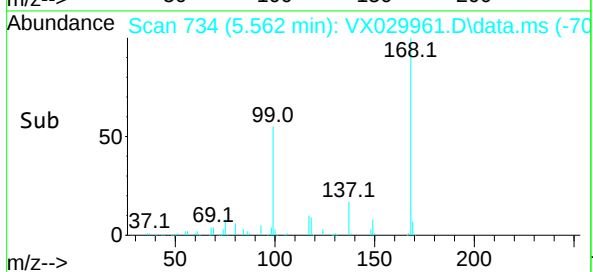
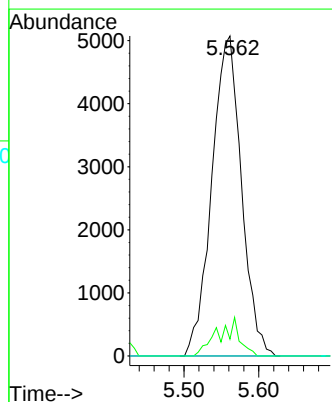
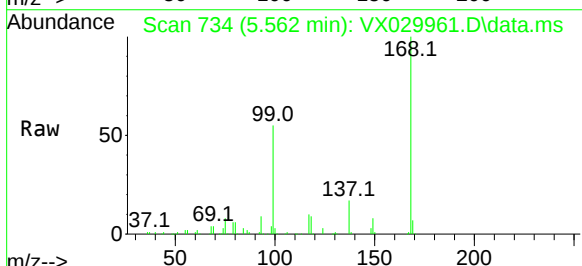
Tgt Ion: 75 Resp: 13980

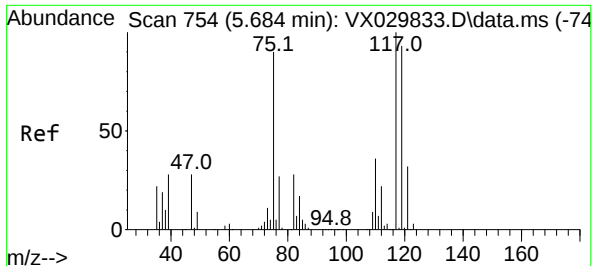
Ion Ratio Lower Upper

75 100

110 5.1 19.3 57.9#

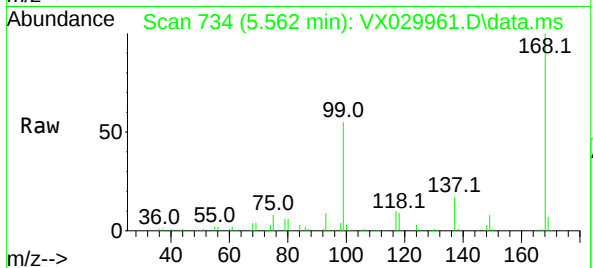
77 0.0 24.4 36.6#



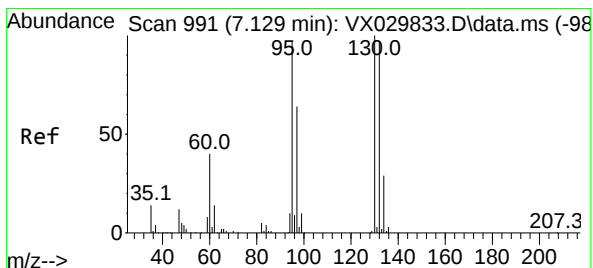
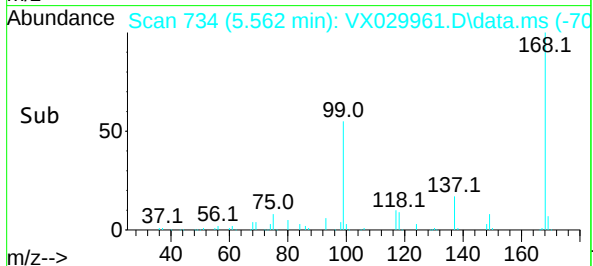
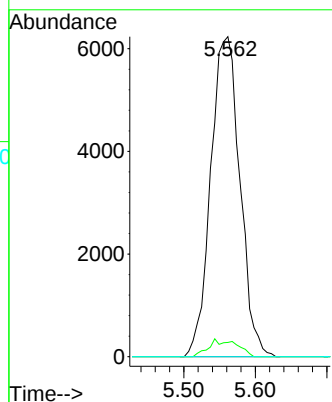


#38
Carbon Tetrachloride
Concen: 7.572 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Instrument :
MSVOA_X
ClientSampleId :
MW-06

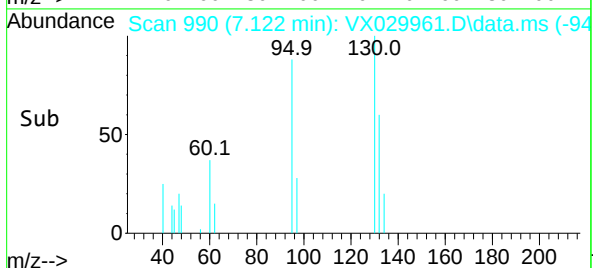
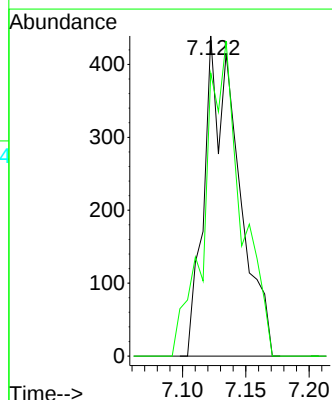
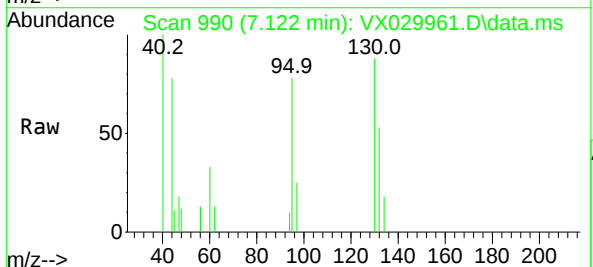


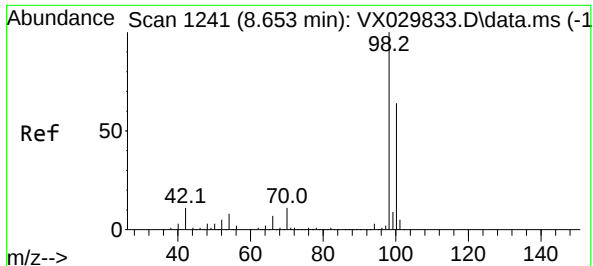
Tgt Ion:117 Resp: 17682
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.350 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion:130 Resp: 822
Ion Ratio Lower Upper
130 100
95 88.4 0.0 194.8





#50

Toluene-d8

Concen: 48.353 ug/l

RT: 8.652 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VX029961.D

Acq: 07 Jul 2022 17:38

Instrument :

MSVOA_X

ClientSampleId :

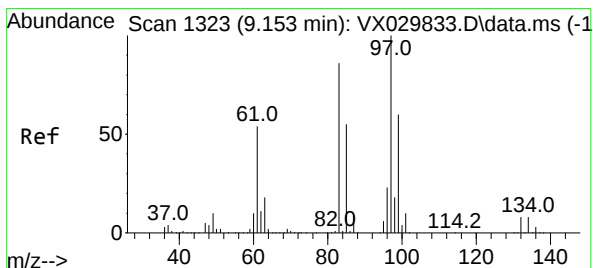
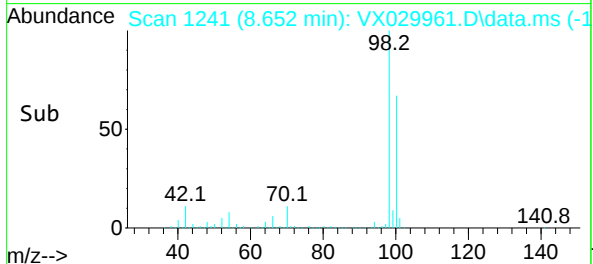
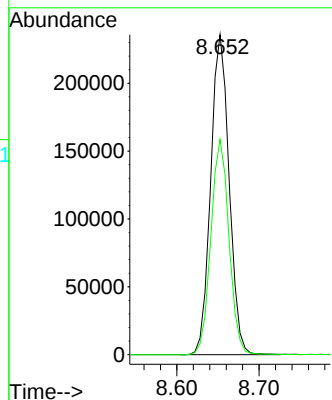
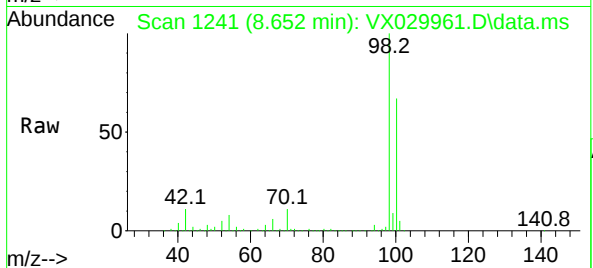
MW-06

Tgt Ion: 98 Resp: 367539

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5



#55

1,1,2-Trichloroethane

Concen: 0.206 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX029961.D

Acq: 07 Jul 2022 17:38

Tgt Ion: 97 Resp: 472

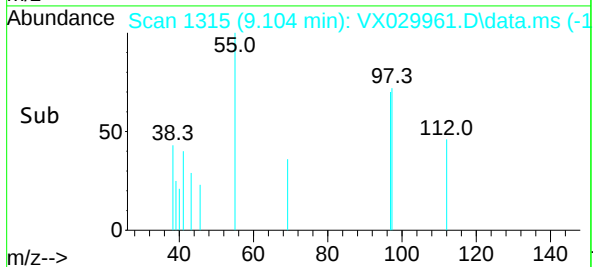
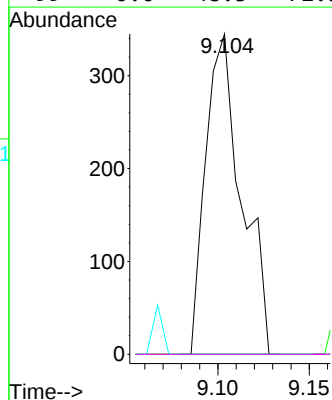
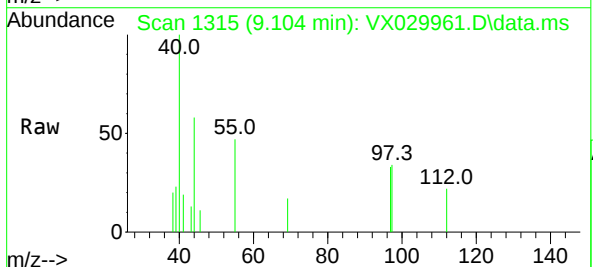
Ion Ratio Lower Upper

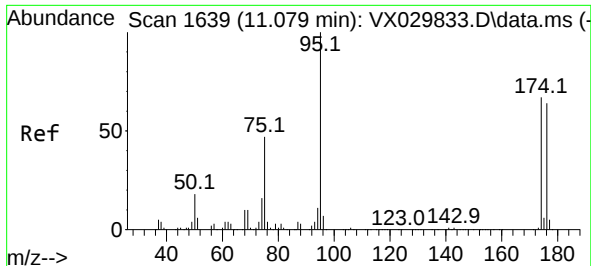
97 100

83 0.0 68.9 103.3#

85 0.0 44.0 66.0#

99 0.0 48.3 72.5#

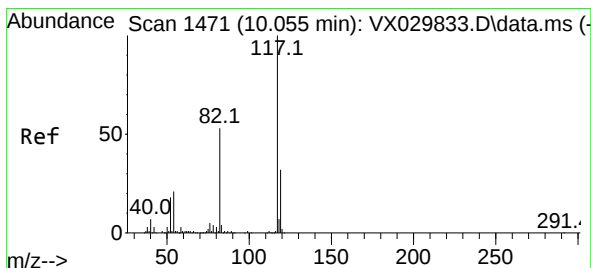
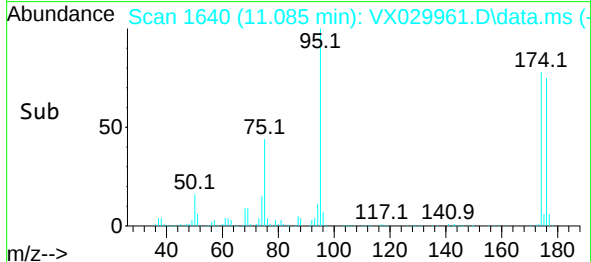
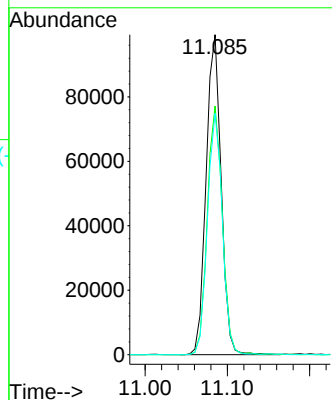
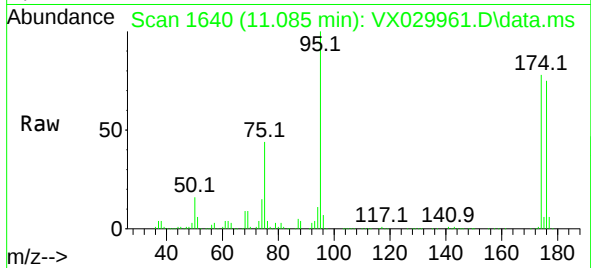




#62
4-Bromofluorobenzene
Concen: 46.860 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

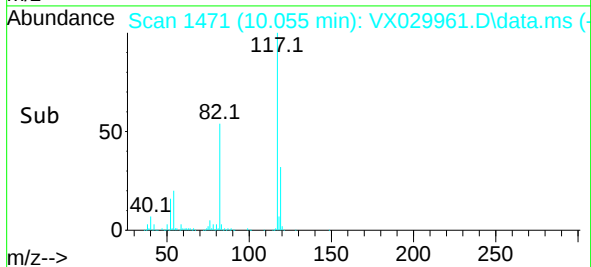
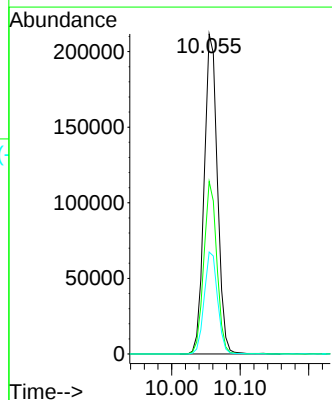
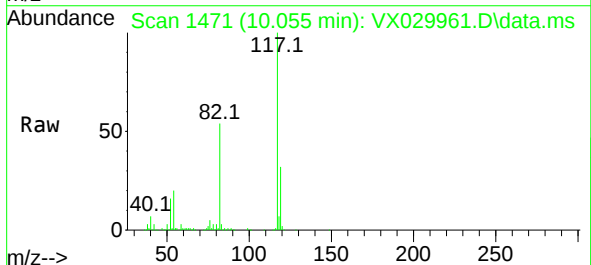
Instrument :
MSVOA_X
ClientSampleId :
MW-06

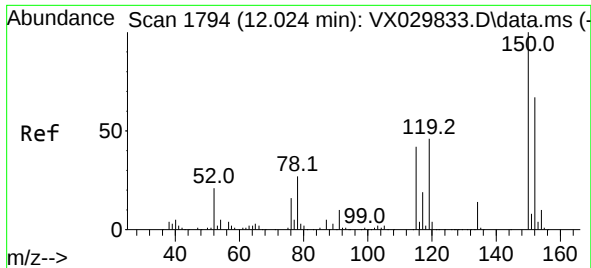
Tgt Ion: 95 Resp: 125909
Ion Ratio Lower Upper
95 100
174 78.0 0.0 149.0
176 74.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion: 117 Resp: 284946
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 31.8 25.4 38.2

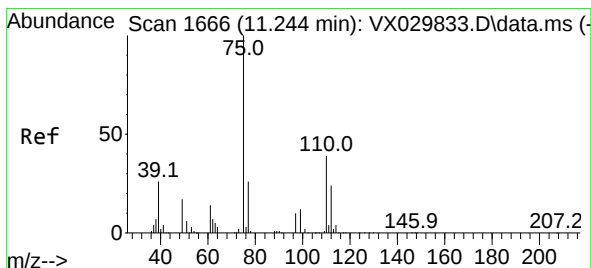
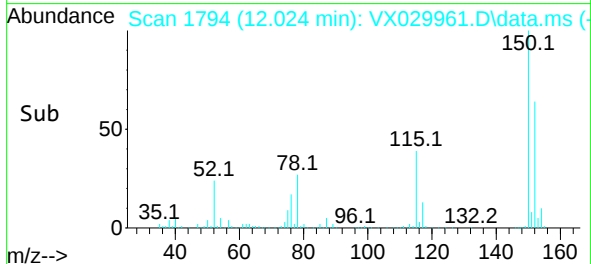
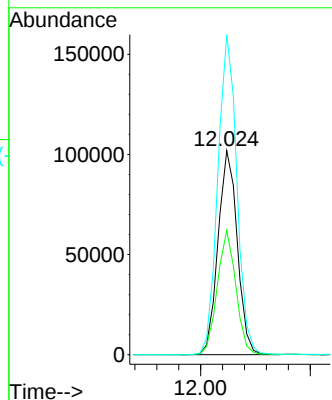
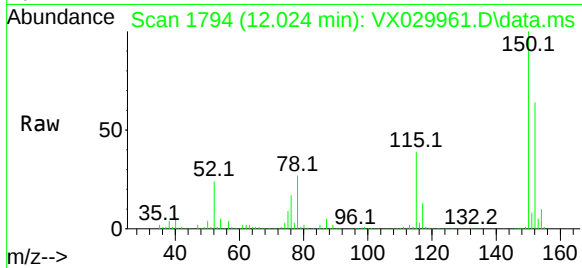




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029961.D
 Acq: 07 Jul 2022 17:38

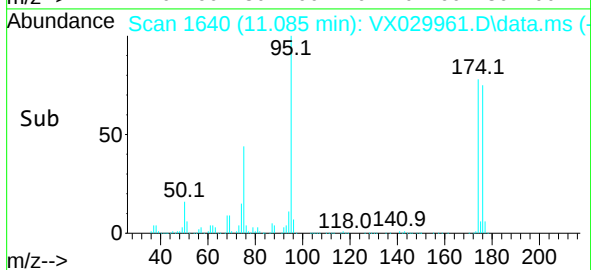
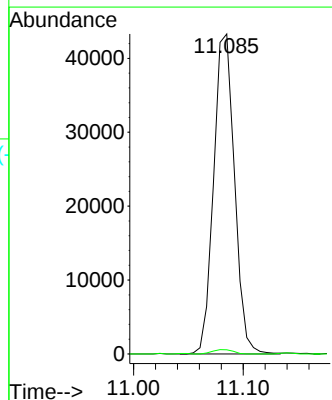
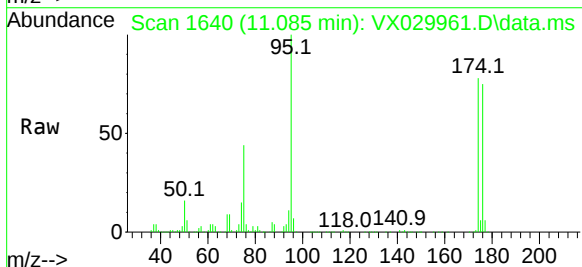
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

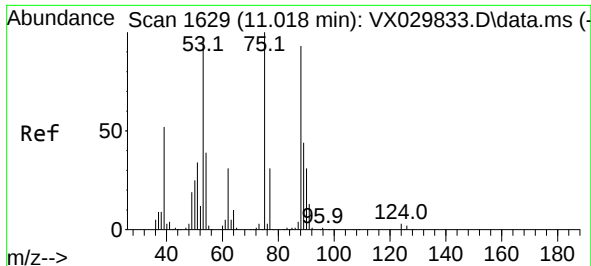
Tgt Ion:152 Resp: 124341
 Ion Ratio Lower Upper
 152 100
 115 58.9 40.5 121.5
 150 155.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 19.260 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX029961.D
 Acq: 07 Jul 2022 17:38

Tgt Ion: 75 Resp: 57327
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#

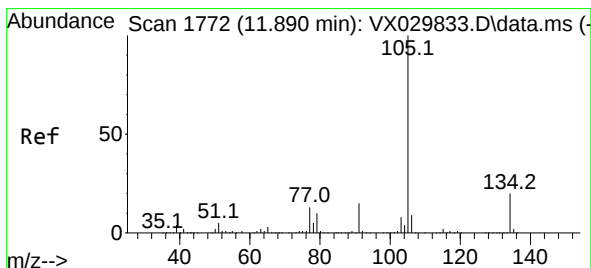
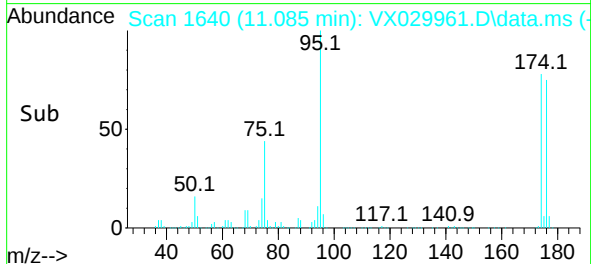
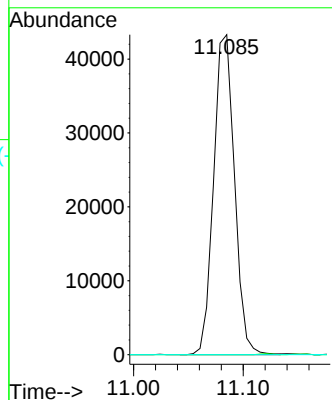
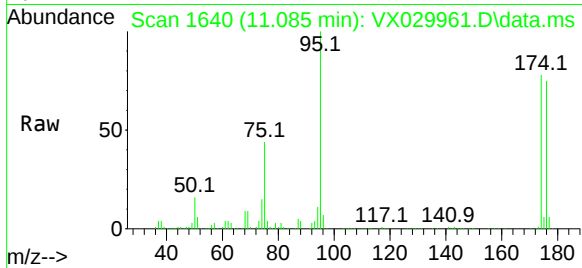




#81
trans-1,4-Dichloro-2-butene
Concen: 61.164 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

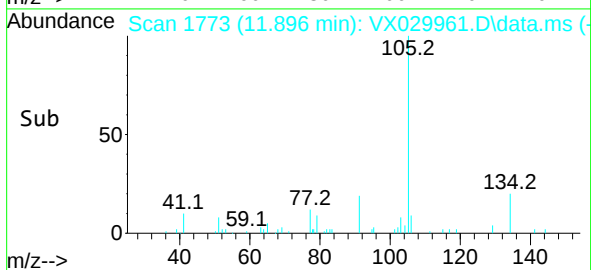
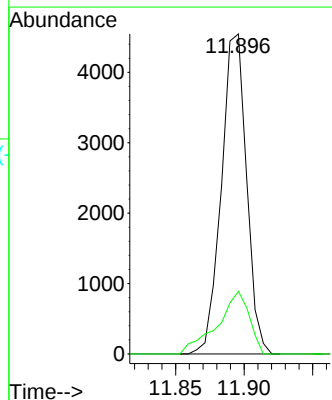
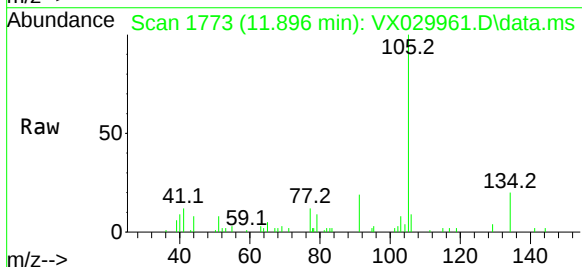
Instrument :
MSVOA_X
ClientSampleId :
MW-06

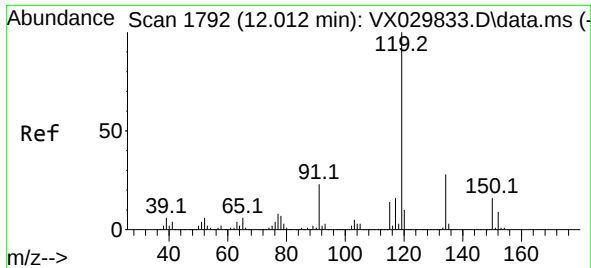
Tgt Ion: 75 Resp: 57327
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#85
sec-Butylbenzene
Concen: 0.621 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion: 105 Resp: 5795
Ion Ratio Lower Upper
105 100
134 24.8 10.0 30.0

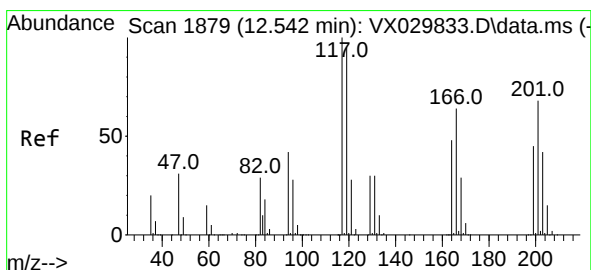
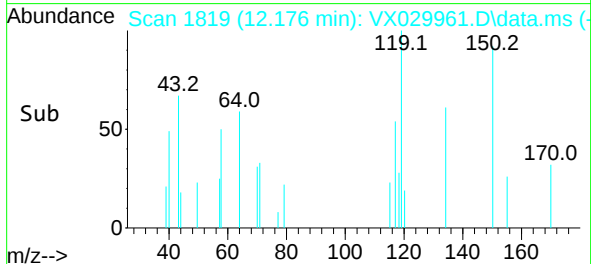
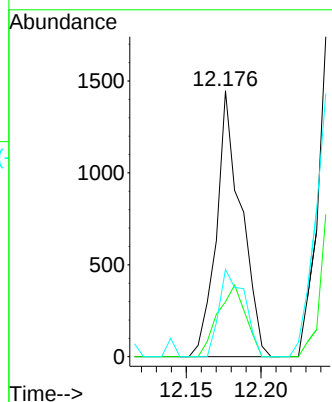
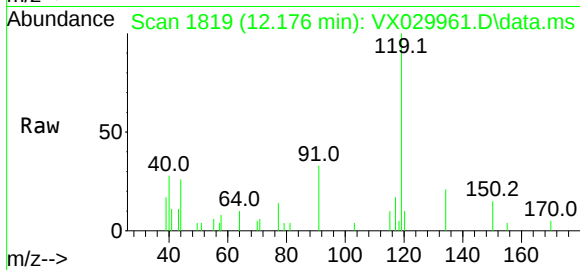




#86
p-Isopropyltoluene
Concen: 0.224 ug/l
RT: 12.176 min Scan# 1819
Delta R.T. 0.164 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Tgt Ion:119 Resp: 1665
Ion Ratio Lower Upper
119 100
134 30.3 13.9 41.6
91 33.8 11.8 35.3



#90
Hexachloroethane
Concen: 3.863 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.103 min
Lab File: VX029961.D
Acq: 07 Jul 2022 17:38

Tgt Ion:117 Resp: 4691
Ion Ratio Lower Upper
117 100
201 0.0 34.2 102.5#

