

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029037.D
 Acq On : 27 May 2022 20:17
 Operator : JC/MD
 Sample : N3087-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07

Quant Time: May 27 22:12:38 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	342867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	601129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	582488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274081	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214659	45.673	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.340%
35) Dibromofluoromethane	5.391	113	194691	49.433	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.860%
50) Toluene-d8	8.653	98	709965	47.813	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.620%
62) 4-Bromofluorobenzene	11.079	95	279652	50.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.840%

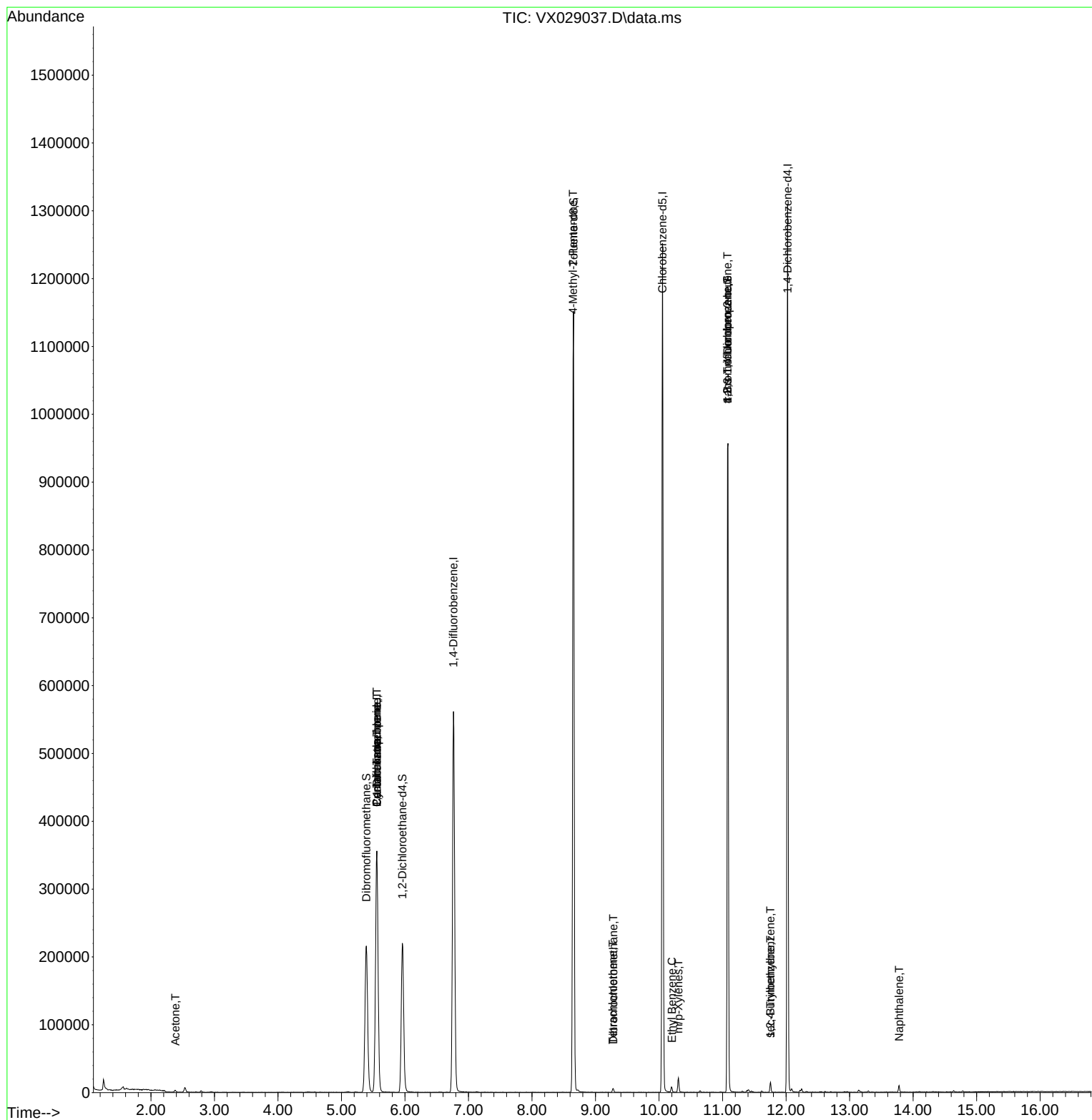
Target Compounds			Qvalue			
5) Bromomethane	1.611	94	967	Below Cal		82
6) Chloroethane	1.685	64	471	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	319	Below Cal	#	72
16) Acetone	2.386	43	2911	1.443	ug/l	95
31) Cyclohexane	5.556	56	5890	0.903	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25522	4.314	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34053	5.720	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2412	0.379	ug/l #	1
60) Dibromochloromethane	9.281	129	1054	0.242	ug/l #	9
64) Tetrachloroethene	9.275	164	1215	0.276	ug/l #	83
67) Ethyl Benzene	10.201	91	4791	0.216	ug/l	97
68) m/p-Xylenes	10.305	106	5393	0.625	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	135253	21.072	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	135253	61.866	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	6766	0.390	ug/l	98
85) sec-Butylbenzene	11.756	105	6766	0.327	ug/l #	56
95) Naphthalene	13.780	128	7079	0.363	ug/l	95

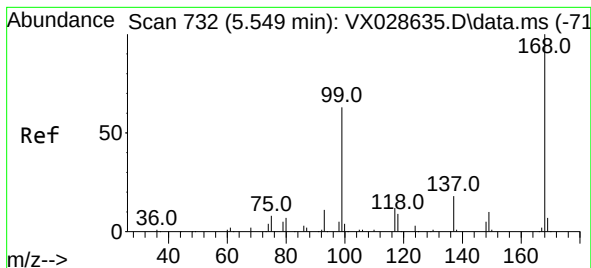
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.007 min

Lab File: VX029037.D

Acq: 27 May 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

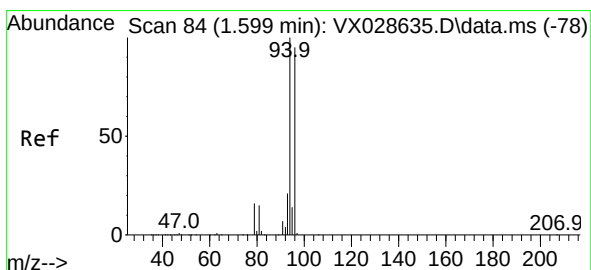
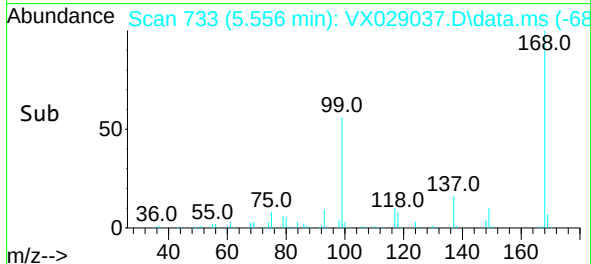
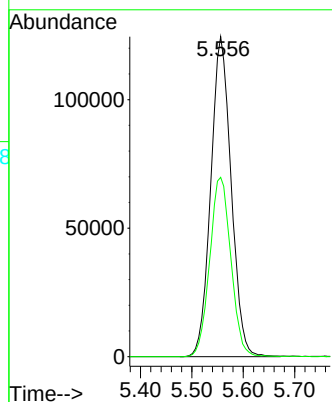
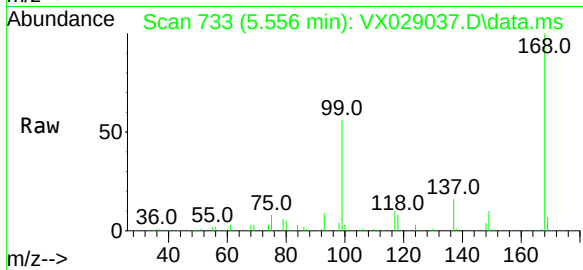
MW-07

Tgt Ion:168 Resp: 342867

Ion Ratio Lower Upper

168 100

99 56.1 41.7 62.5



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX029037.D

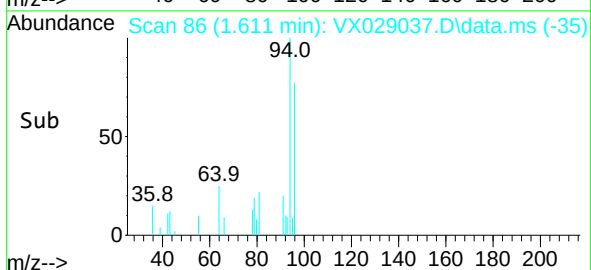
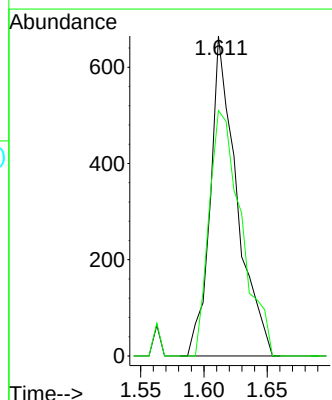
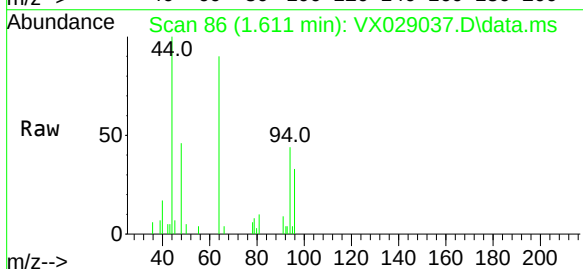
Acq: 27 May 2022 20:17

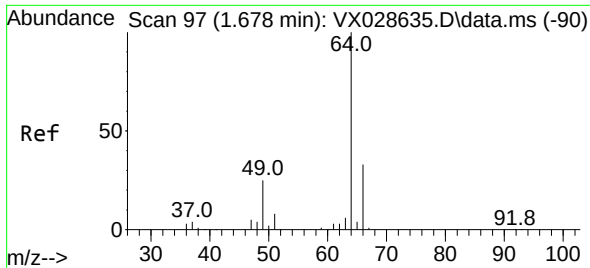
Tgt Ion: 94 Resp: 967

Ion Ratio Lower Upper

94 100

96 76.7 75.3 112.9

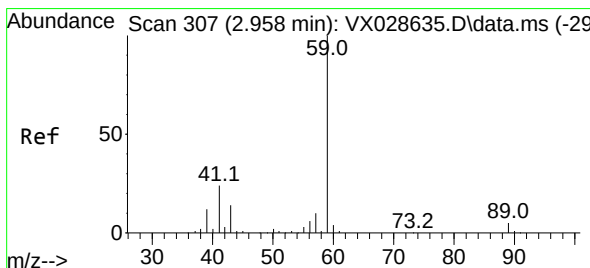
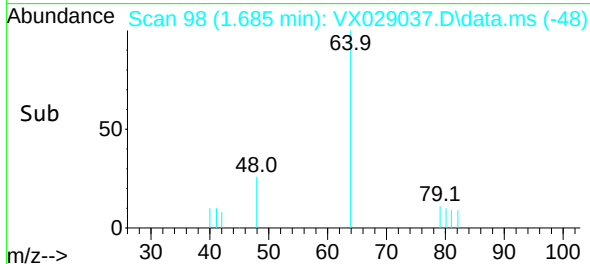
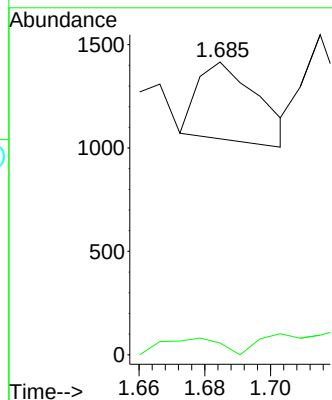
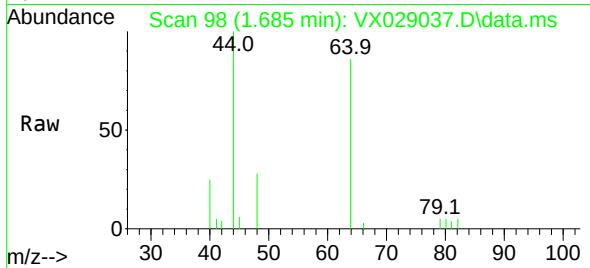




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

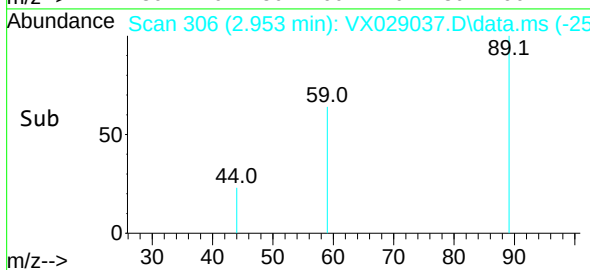
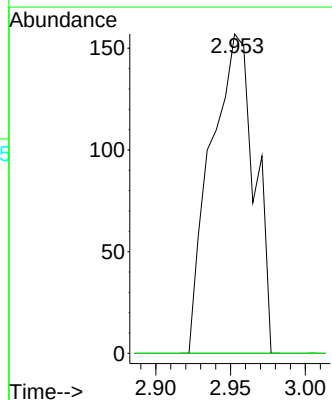
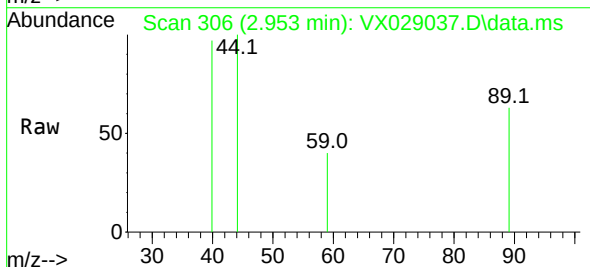
Instrument :
MSVOA_X
ClientSampleId :
MW-07

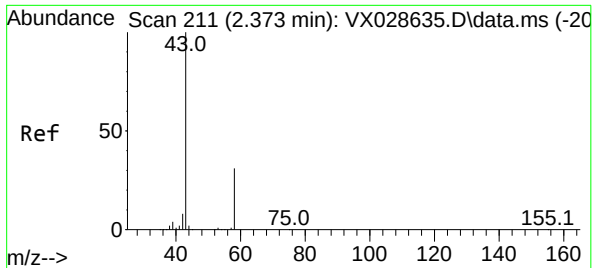
Tgt Ion: 64 Resp: 471
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

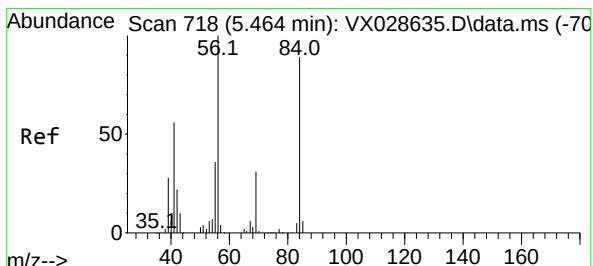
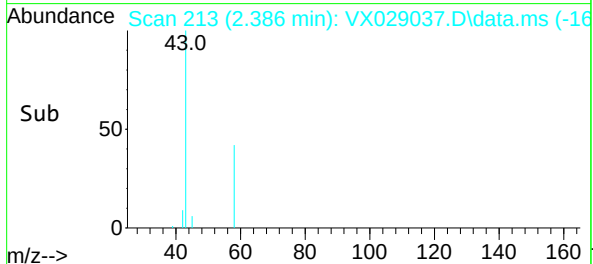
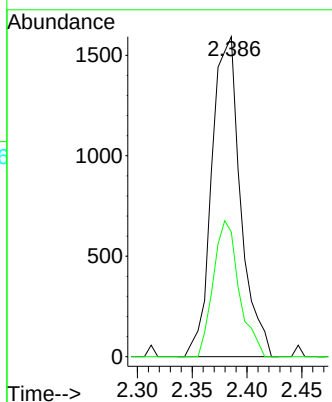
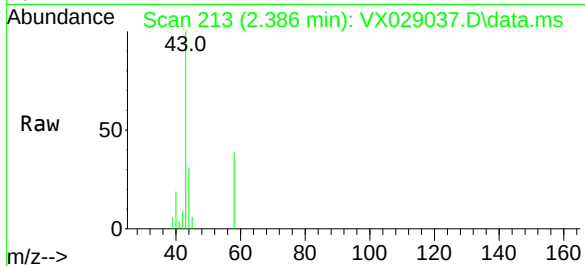




#16
Acetone
Concen: 1.443 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

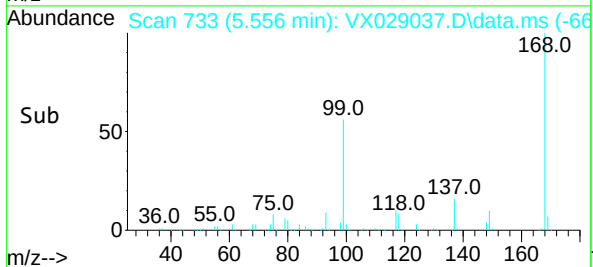
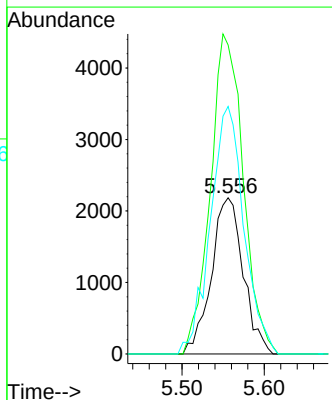
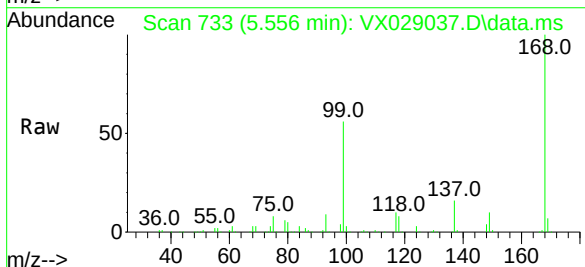
Instrument :
MSVOA_X
ClientSampleId :
MW-07

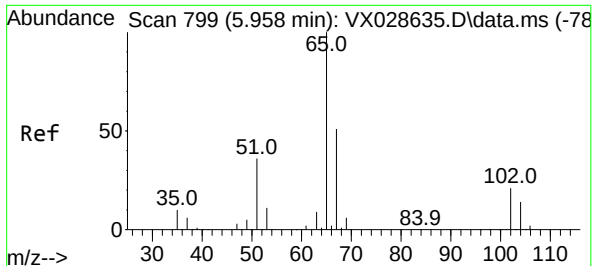
Tgt Ion: 43 Resp: 2911
Ion Ratio Lower Upper
43 100
58 38.9 28.8 43.2



#31
Cyclohexane
Concen: 0.903 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

Tgt Ion: 56 Resp: 5890
Ion Ratio Lower Upper
56 100
69 197.8 26.7 40.1#
84 158.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 45.673 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029037.D

Acq: 27 May 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

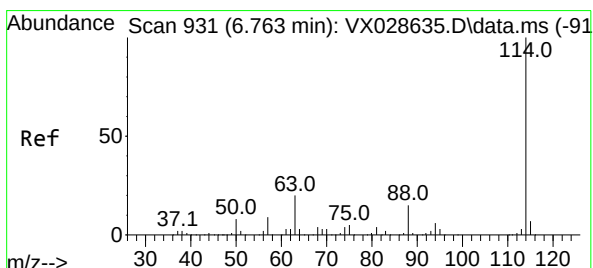
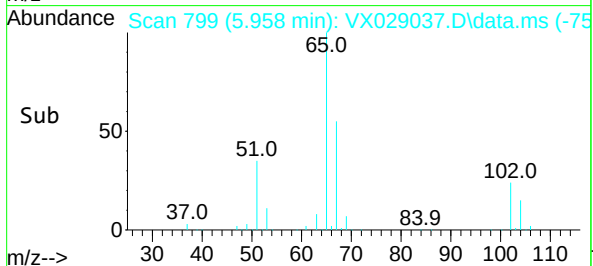
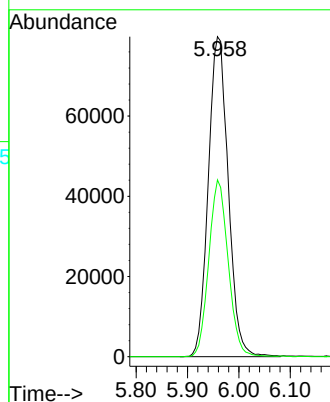
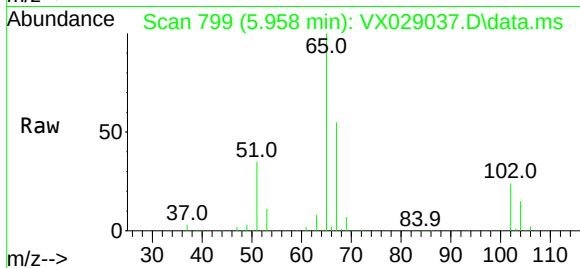
MW-07

Tgt Ion: 65 Resp: 214659

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029037.D

Acq: 27 May 2022 20:17

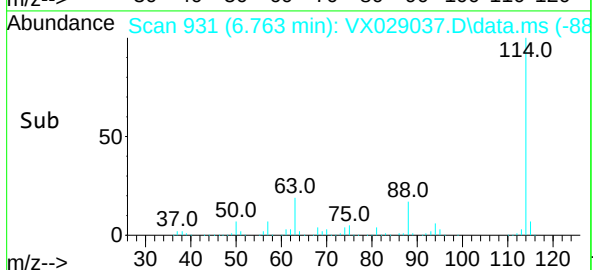
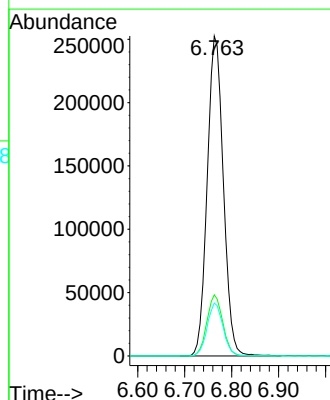
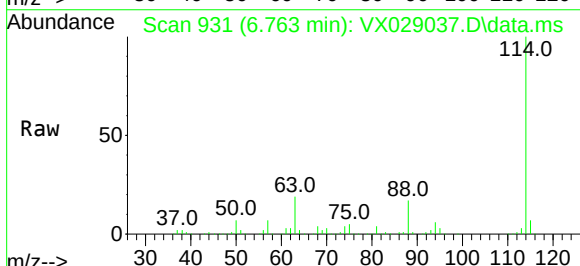
Tgt Ion: 114 Resp: 601129

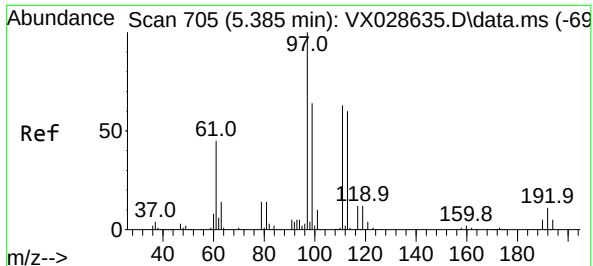
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.433 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029037.D

Acq: 27 May 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-07

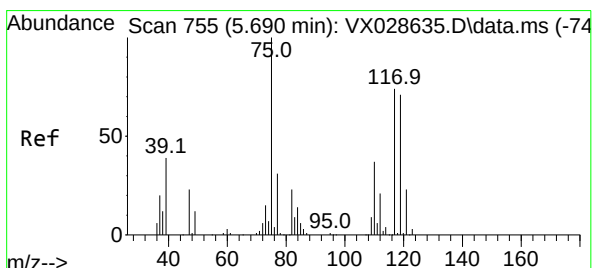
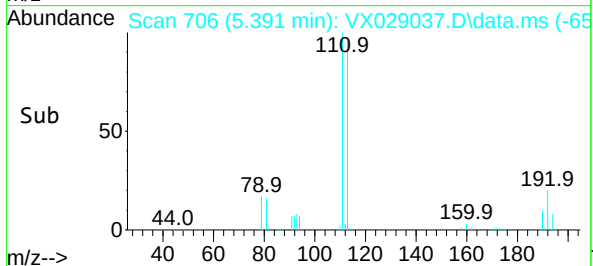
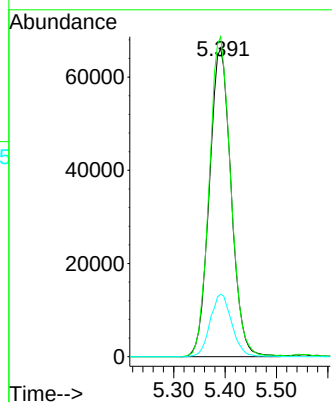
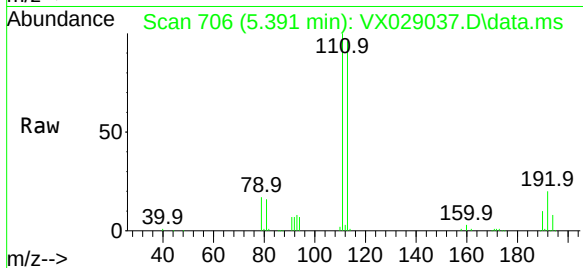
Tgt Ion:113 Resp: 194691

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 20.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.314 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX029037.D

Acq: 27 May 2022 20:17

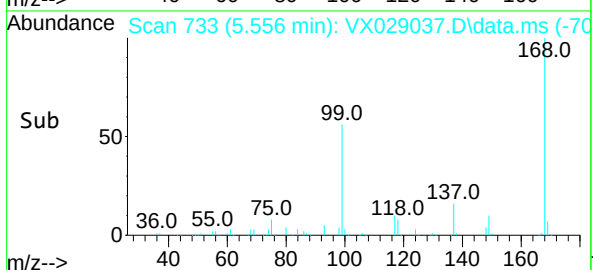
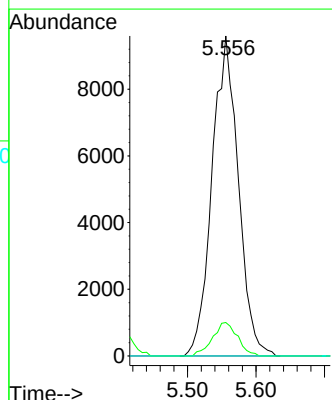
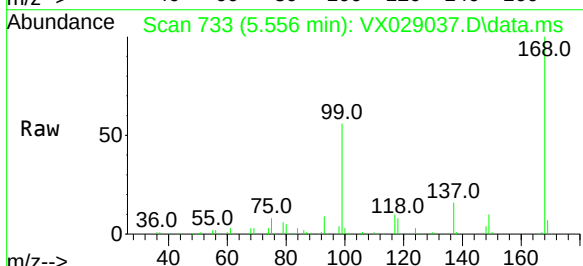
Tgt Ion: 75 Resp: 25522

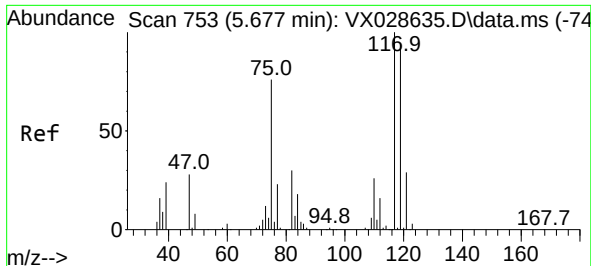
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#

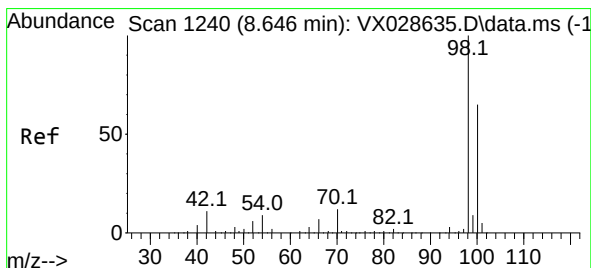
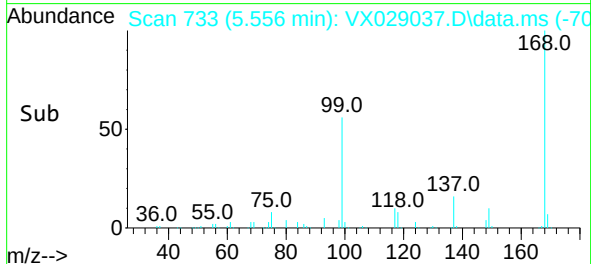
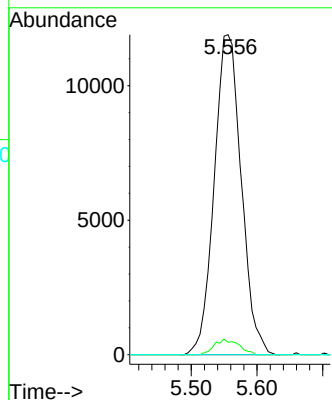
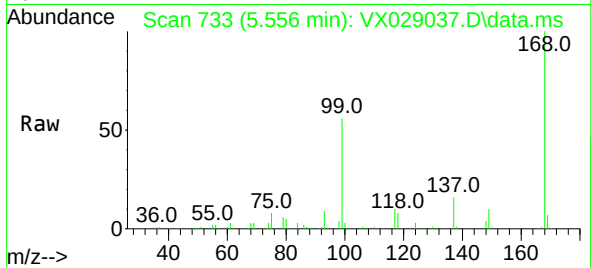




#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

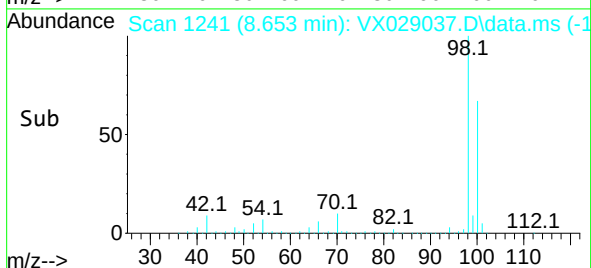
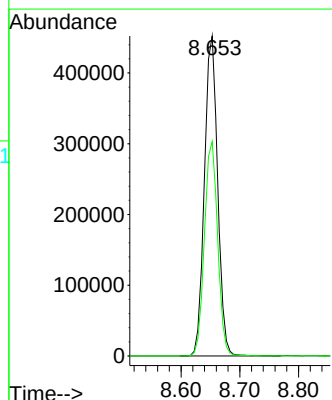
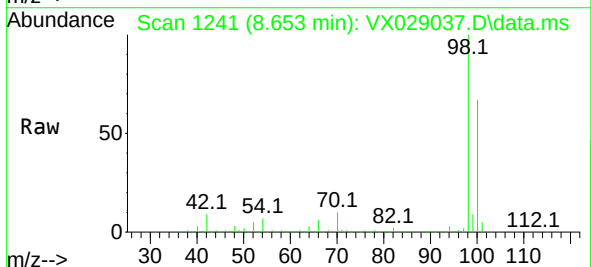
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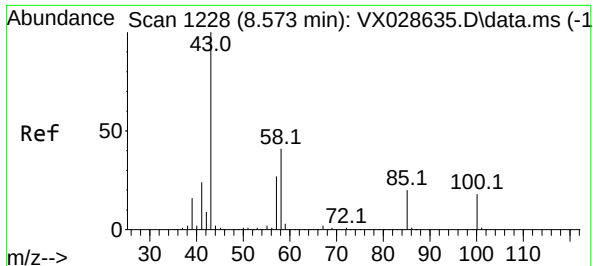
Tgt Ion:117 Resp: 34053
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.813 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

Tgt Ion: 98 Resp: 709965
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

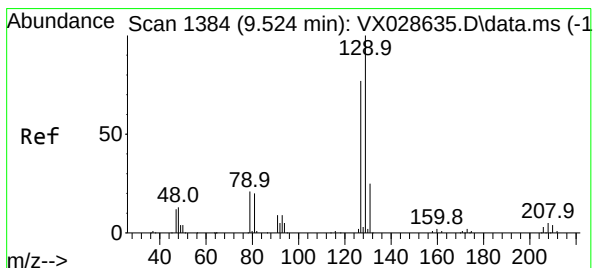
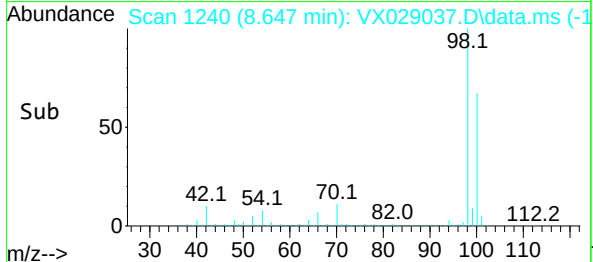
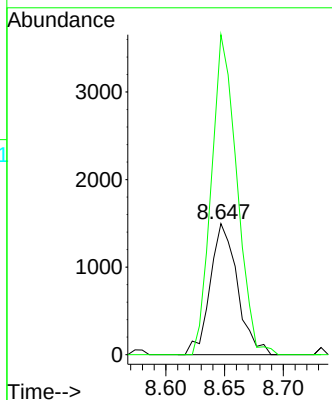
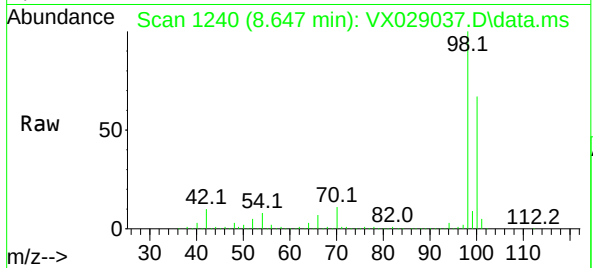




#51
 4-Methyl-2-Pentanone
 Concen: 0.379 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.074 min
 Lab File: VX029037.D
 Acq: 27 May 2022 20:17

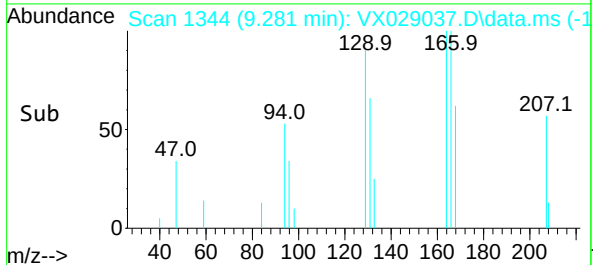
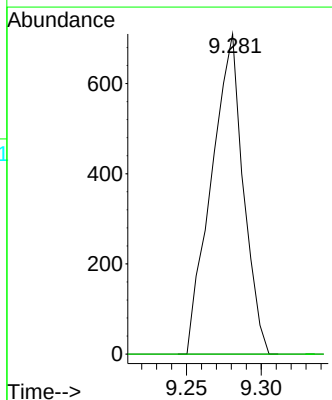
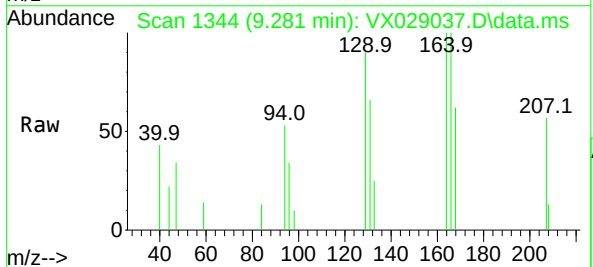
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07

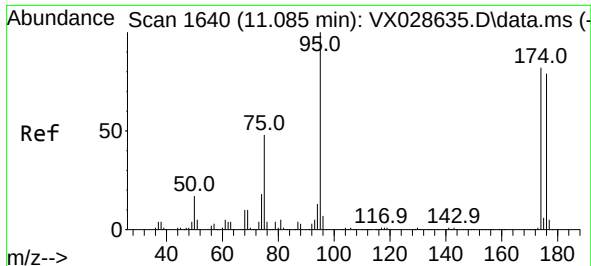
Tgt Ion: 43 Resp: 2412
 Ion Ratio Lower Upper
 43 100
 58 228.5 36.1 54.1#



#60
 Dibromochloromethane
 Concen: 0.242 ug/l
 RT: 9.281 min Scan# 1344
 Delta R.T. -0.243 min
 Lab File: VX029037.D
 Acq: 27 May 2022 20:17

Tgt Ion: 129 Resp: 1054
 Ion Ratio Lower Upper
 129 100
 127 0.0 40.3 120.8#

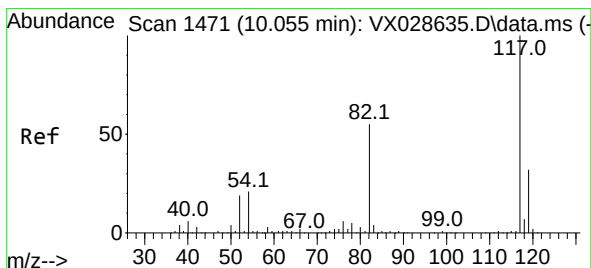
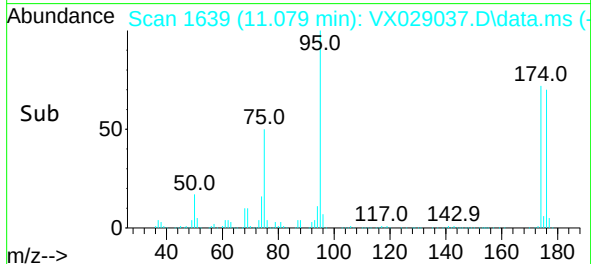
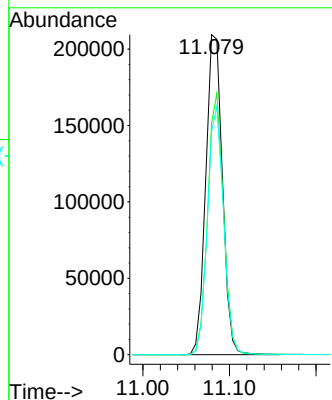
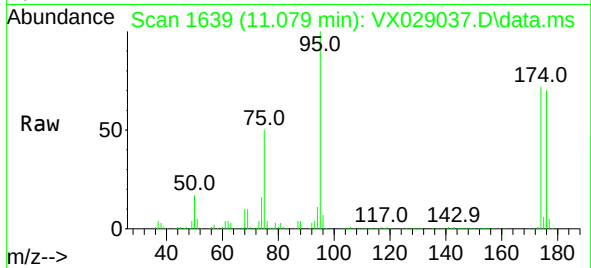




#62
4-Bromofluorobenzene
Concen: 50.423 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

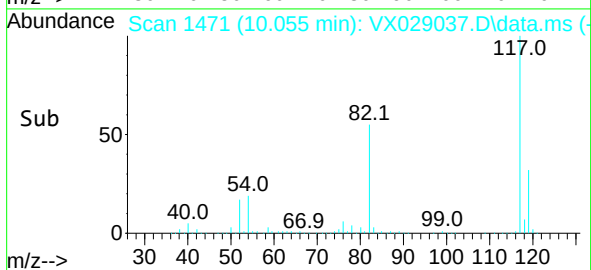
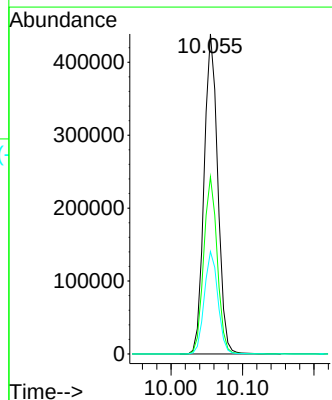
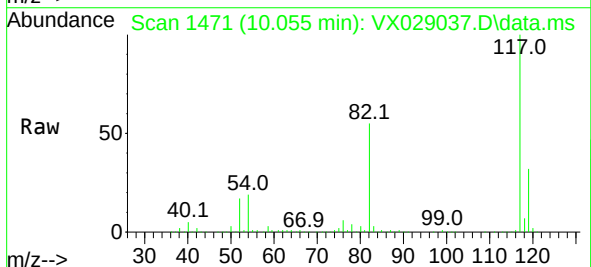
Instrument :
MSVOA_X
ClientSampleId :
MW-07

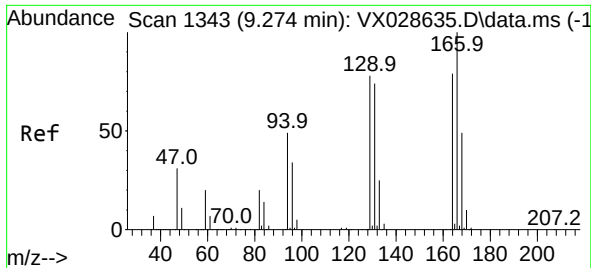
Tgt Ion: 95 Resp: 279652
Ion Ratio Lower Upper
95 100
174 78.0 0.0 163.0
176 75.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

Tgt Ion: 117 Resp: 582488
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.0 24.8 37.2

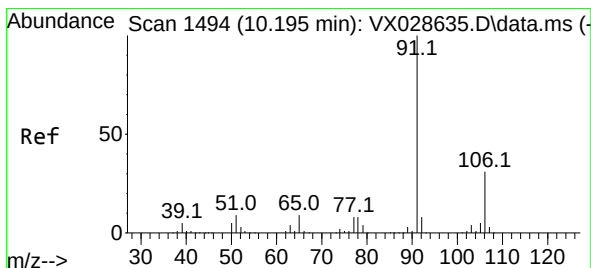
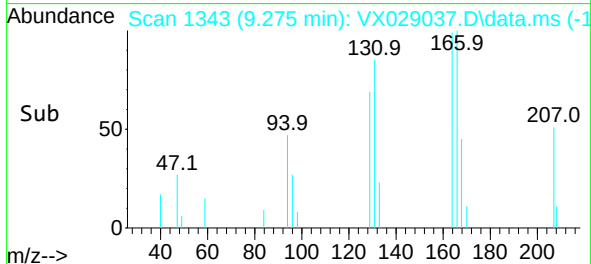
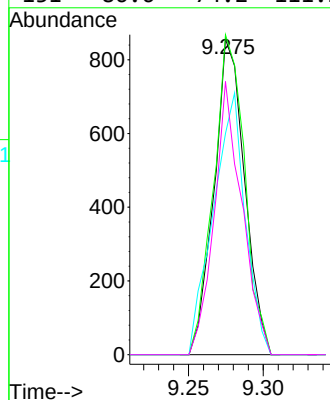
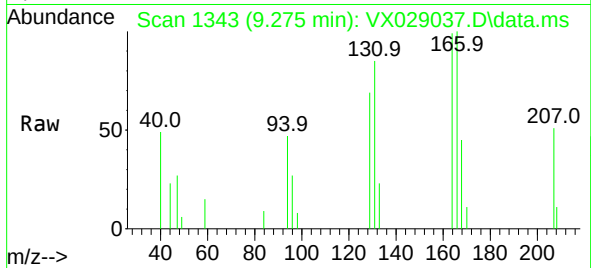




#64
Tetrachloroethene
Concen: 0.276 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

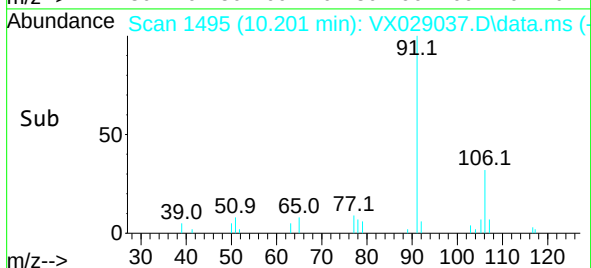
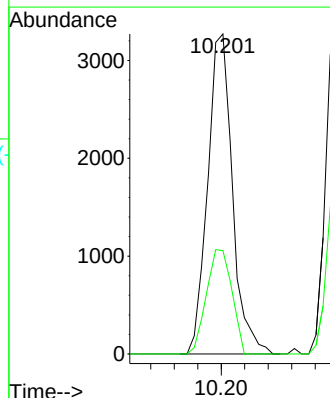
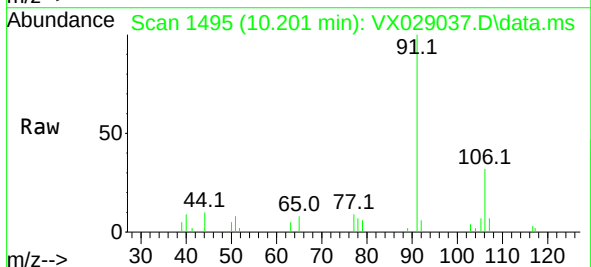
Instrument :
MSVOA_X
ClientSampleId :
MW-07

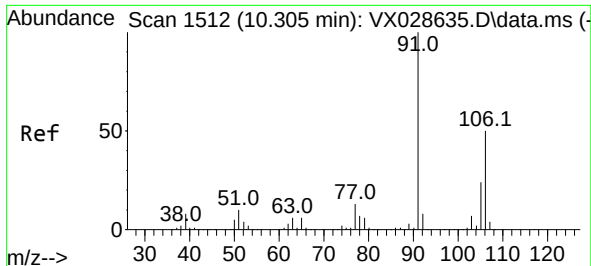
Tgt	Ion:164	Resp:	1215
Ion	Ratio	Lower	Upper
164	100		
166	101.4	101.2	151.8
129	70.1	73.0	109.4#
131	86.6	74.2	111.2



#67
Ethyl Benzene
Concen: 0.216 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

Tgt Ion: 91	Resp:	4791	
Ion Ratio	Lower	Upper	
91 100			
106 32.3	24.6	36.8	

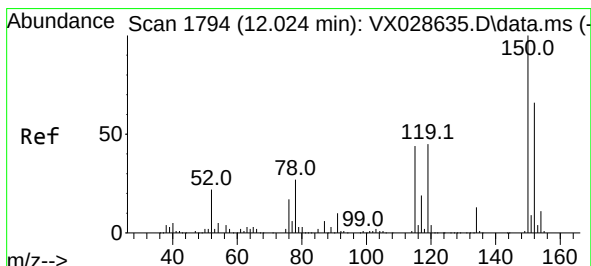
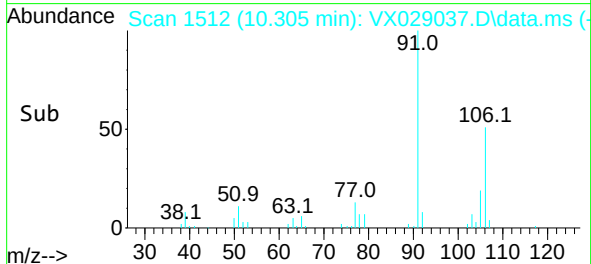
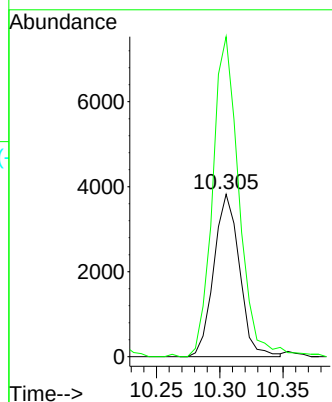
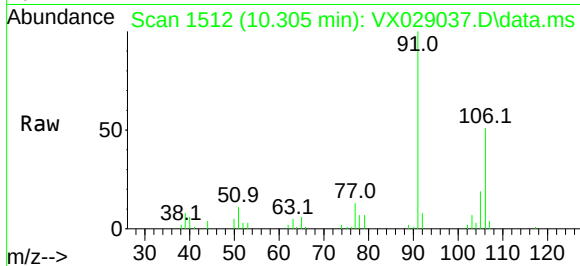




#68
m/p-Xylenes
Concen: 0.625 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

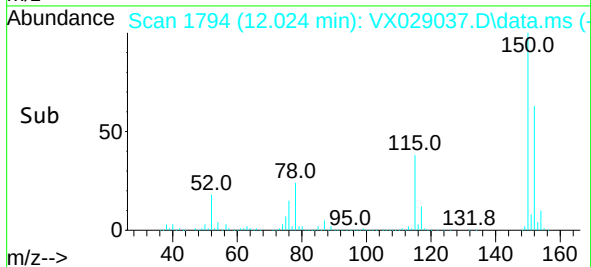
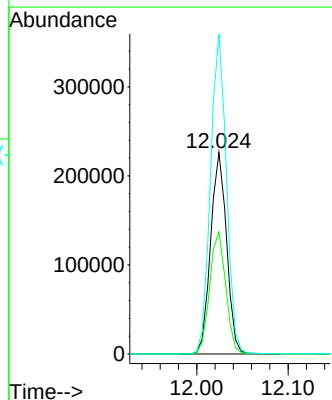
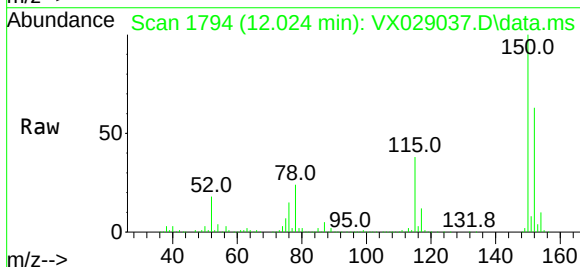
Instrument :
MSVOA_X
ClientSampleId :
MW-07

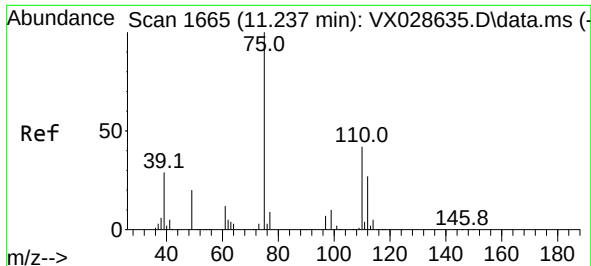
Tgt Ion:106 Resp: 5393
Ion Ratio Lower Upper
106 100
91 203.2 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

Tgt Ion:152 Resp: 274081
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 158.4 0.0 338.2

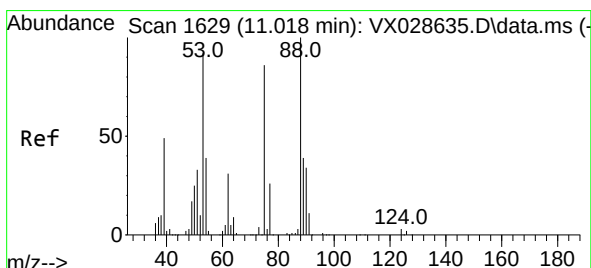
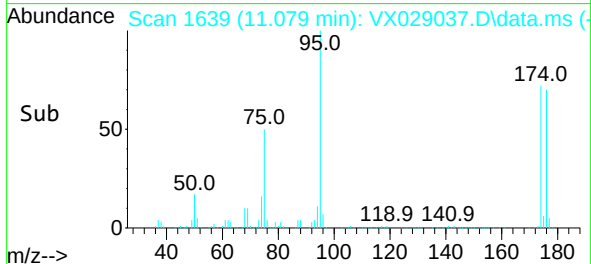
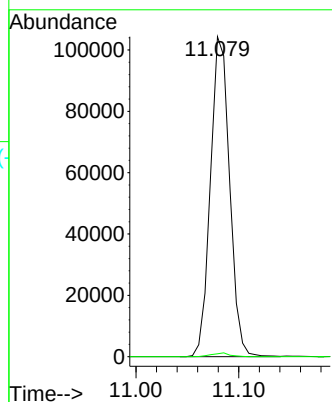
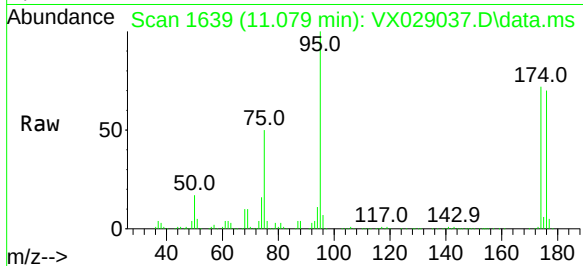




#76
1,2,3-Trichloropropane
Concen: 21.072 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

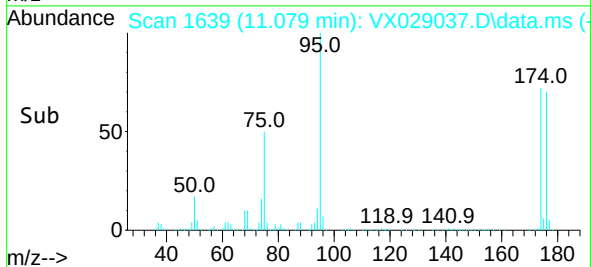
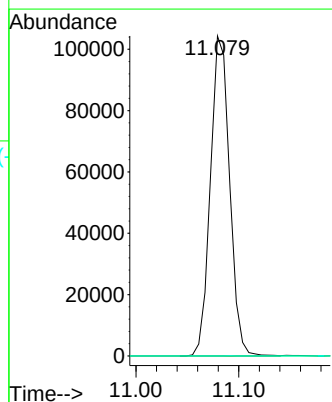
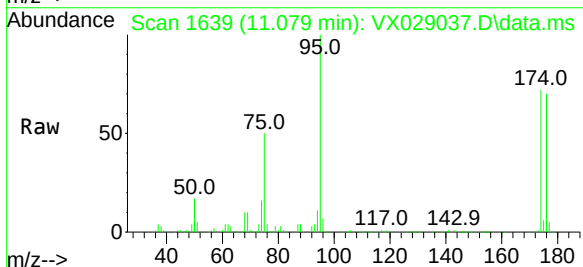
Instrument :
MSVOA_X
ClientSampleId :
MW-07

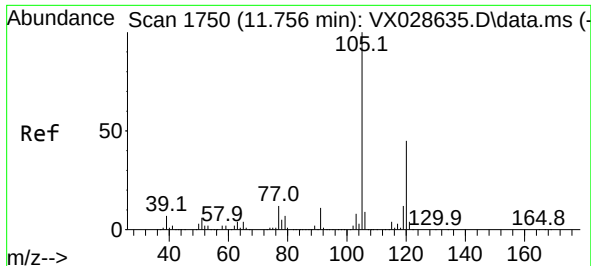
Tgt Ion: 75 Resp: 135253
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

Tgt Ion: 75 Resp: 135253
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

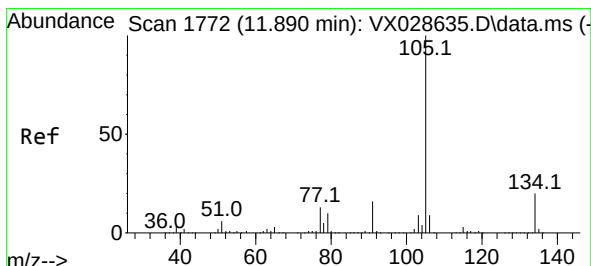
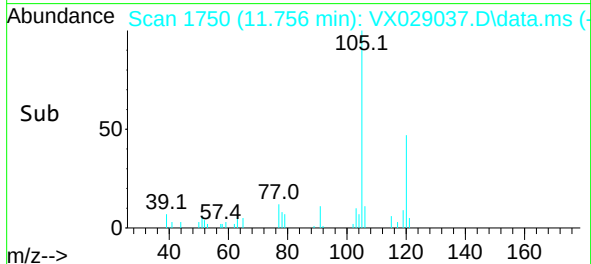
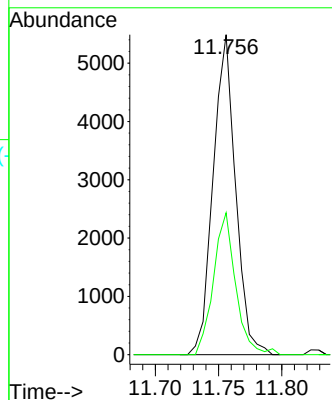
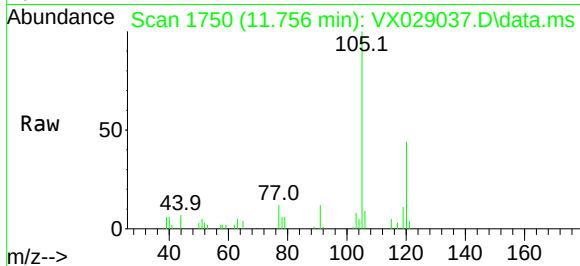




#84
1,2,4-Trimethylbenzene
Concen: 0.390 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

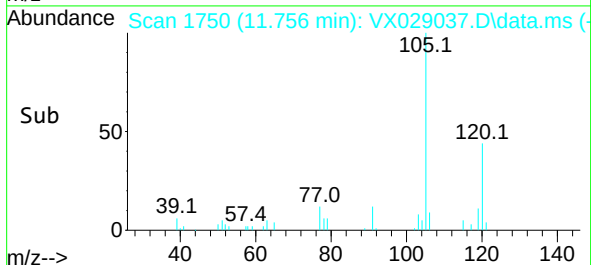
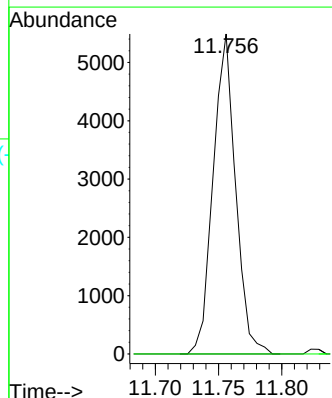
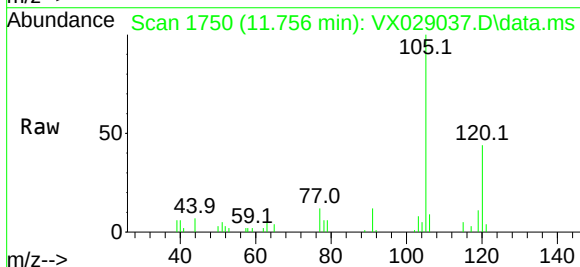
Instrument :
MSVOA_X
ClientSampleId :
MW-07

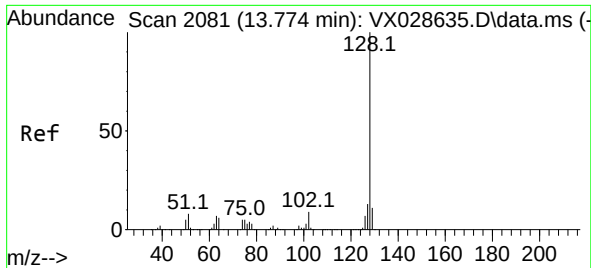
Tgt Ion:105 Resp: 6766
Ion Ratio Lower Upper
105 100
120 43.9 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.327 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

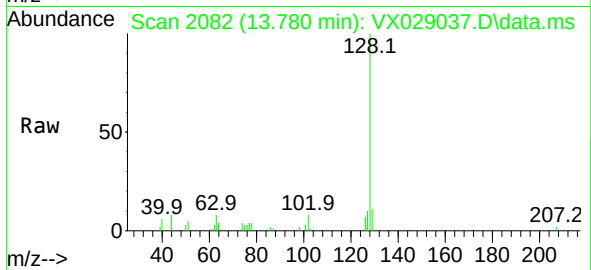
Tgt Ion:105 Resp: 6766
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95
Naphthalene
Concen: 0.363 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029037.D
Acq: 27 May 2022 20:17

Instrument :
MSVOA_X
ClientSampleId :
MW-07



Tgt Ion:	128	Resp:	7079
Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.2	15.4
129	12.0	8.7	13.1

