

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029708.D
 Acq On : 22 Jun 2022 18:43
 Operator : JC/MD
 Sample : N3202-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31RE

Quant Time: Jun 23 01:10:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

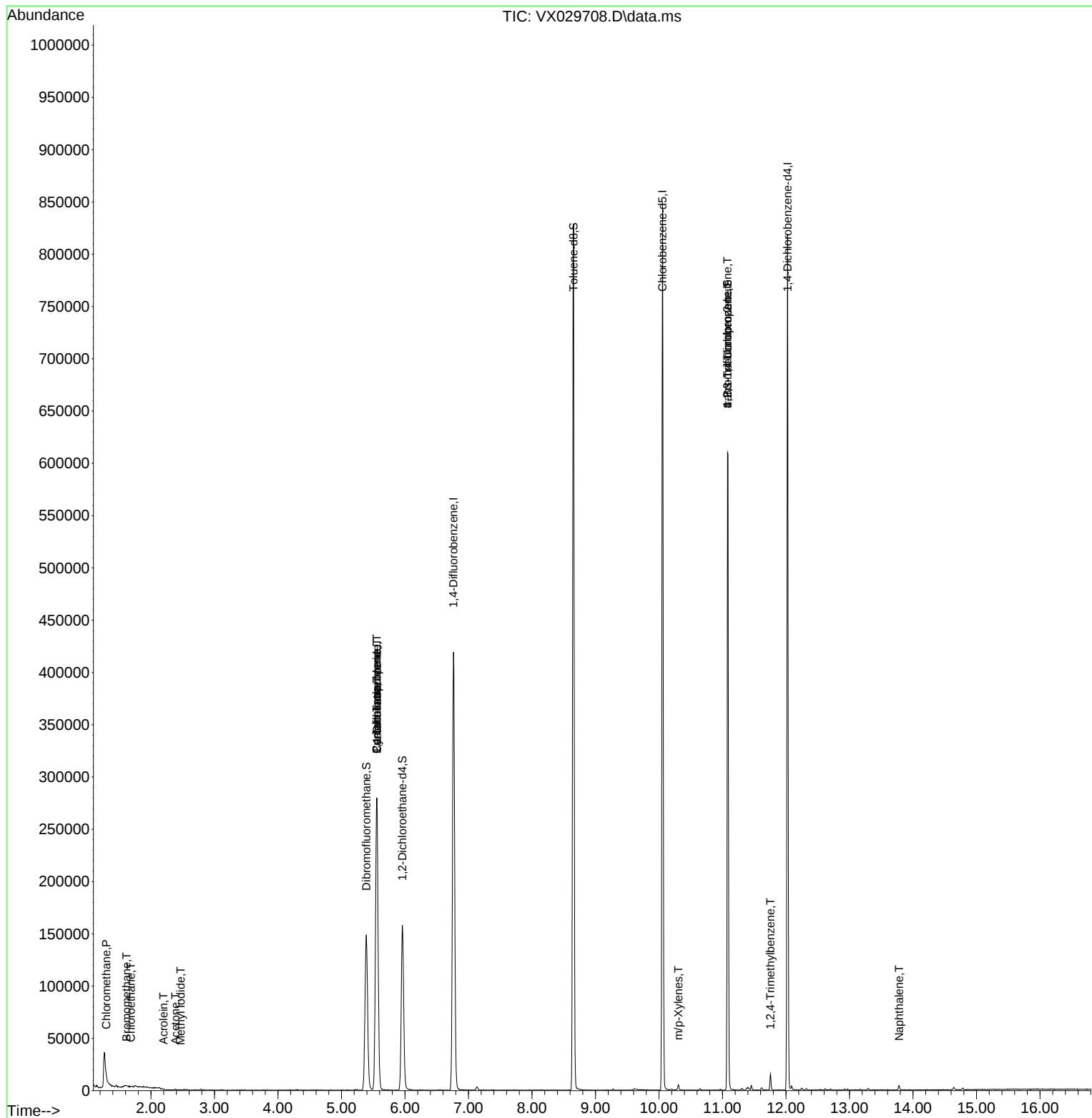
Internal Standards						
1) Pentafluorobenzene	5.556	168	270669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149358	41.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.380%
35) Dibromofluoromethane	5.391	113	133837	45.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.220%
50) Toluene-d8	8.653	98	514173	47.441	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.880%
62) 4-Bromofluorobenzene	11.079	95	183743	44.955	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1334	0.378	ug/l	90
5) Bromomethane	1.618	94	490	0.295	ug/l #	77
6) Chloroethane	1.685	64	245	1.386	ug/l #	43
10) Methyl Iodide	2.465	142	307	3.107	ug/l #	81
13) Acrolein	2.197	56	68	0.345	ug/l #	1
16) Acetone	2.386	43	1057	0.740	ug/l	91
31) Cyclohexane	5.556	56	4704	0.978	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19798	4.931	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27177	6.883	ug/l #	15
44) Trichloroethene	7.135	130	1321	Below Cal		93
68) m/p-Xylenes	10.305	106	1285	0.236	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	86334	23.056	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86334	76.700	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	6936	0.641	ug/l	99
95) Naphthalene	13.780	128	3756	0.312	ug/l	98

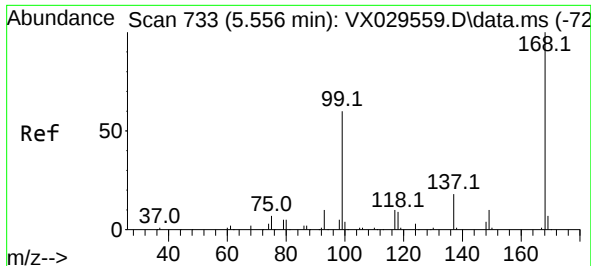
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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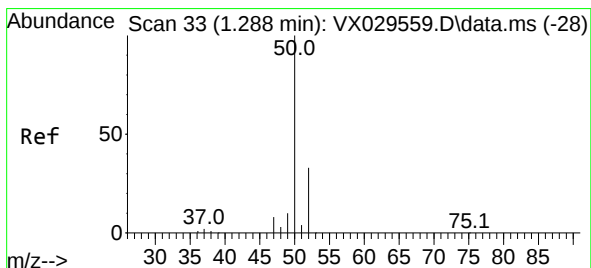
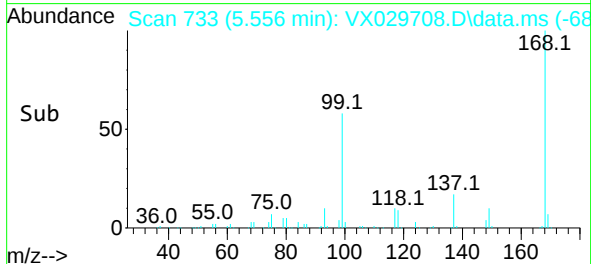
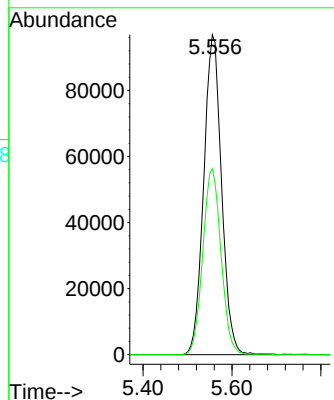
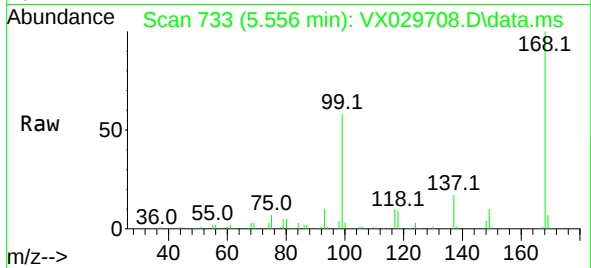




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

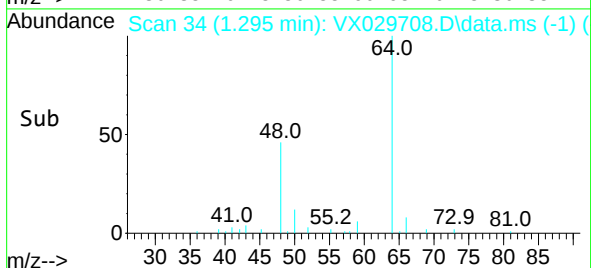
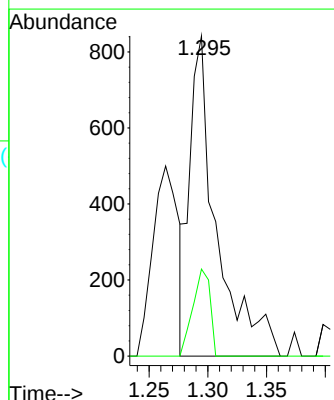
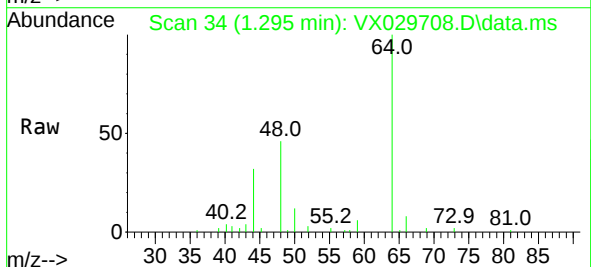
Instrument :
MSVOA_X
ClientSampleId :
MW-31RE

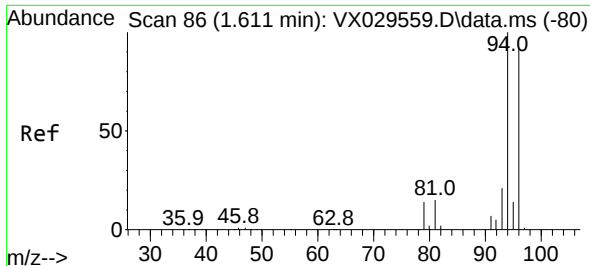
Tgt Ion:168 Resp: 270669
Ion Ratio Lower Upper
168 100
99 58.1 41.7 62.5



#3
Chloromethane
Concen: 0.378 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Tgt Ion: 50 Resp: 1334
Ion Ratio Lower Upper
50 100
52 27.2 26.4 39.6

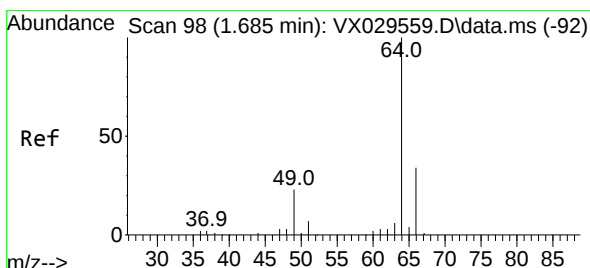
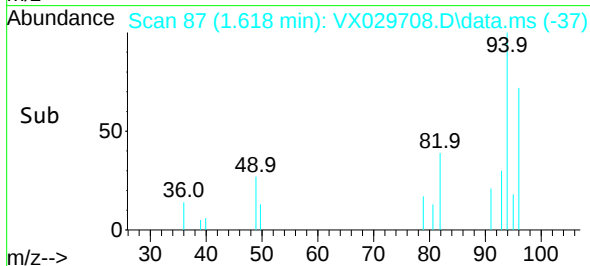
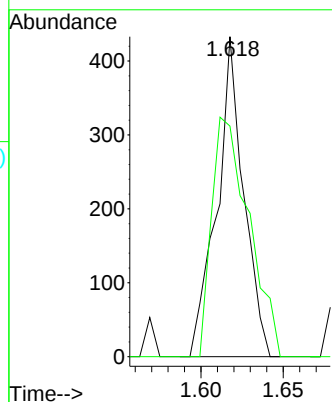
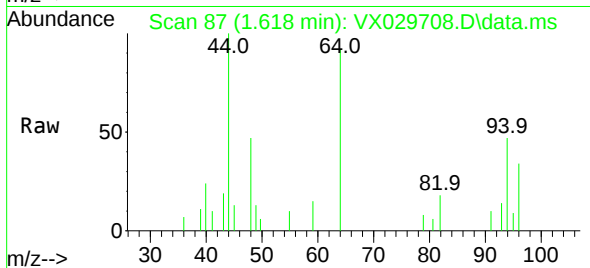




#5
Bromomethane
Concen: 0.295 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

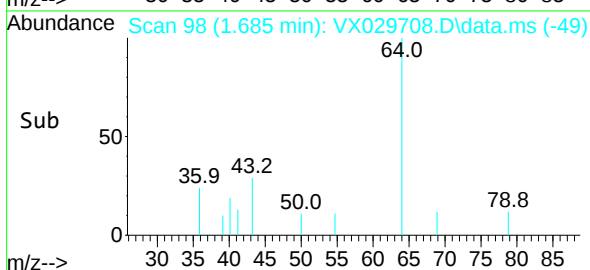
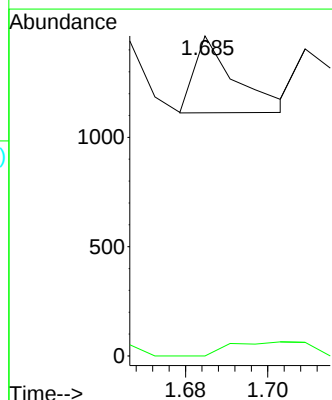
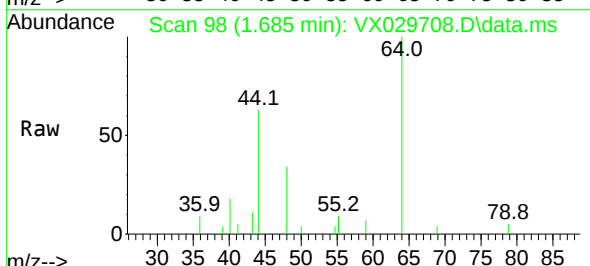
Instrument :
MSVOA_X
ClientSampleId :
MW-31RE

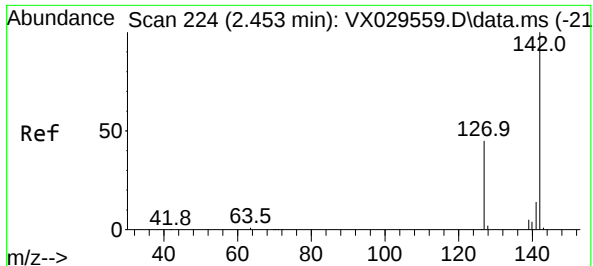
Tgt Ion: 94 Resp: 490
Ion Ratio Lower Upper
94 100
96 72.1 75.3 112.9#



#6
Chloroethane
Concen: 1.386 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

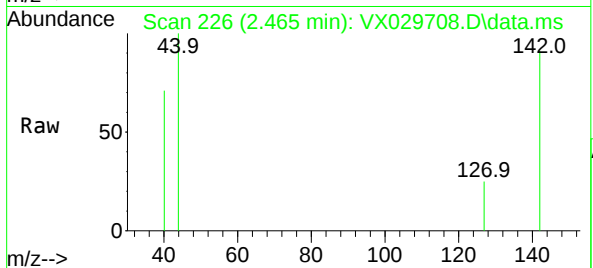
Tgt Ion: 64 Resp: 245
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



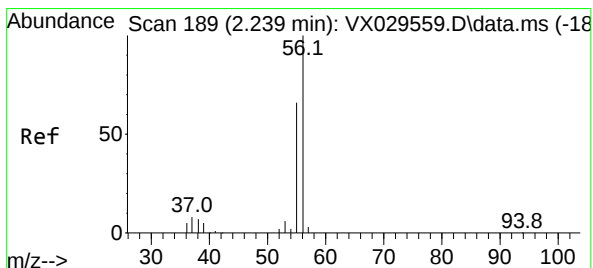
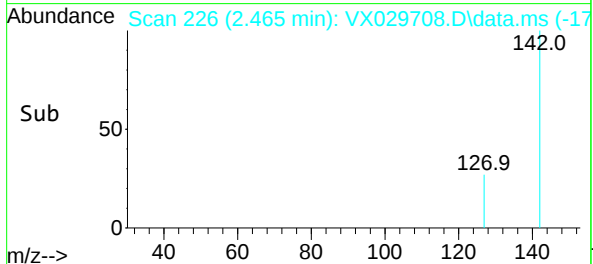
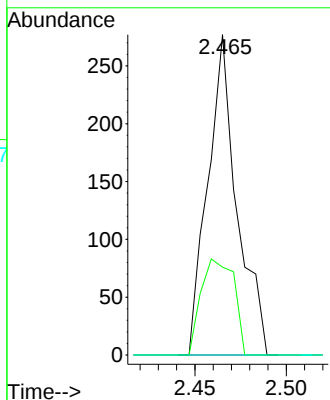


#10
Methyl Iodide
Concen: 3.107 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW-31RE

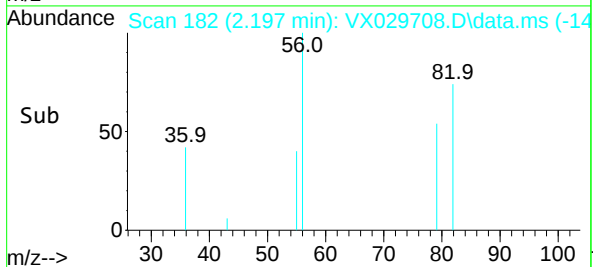
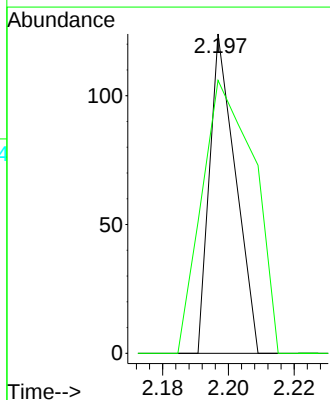
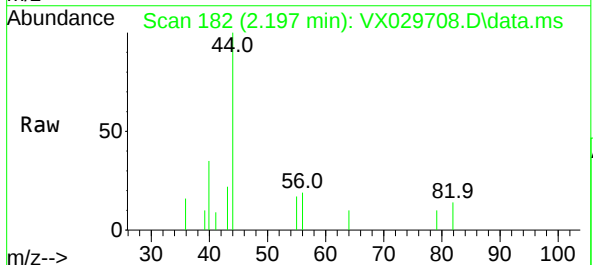


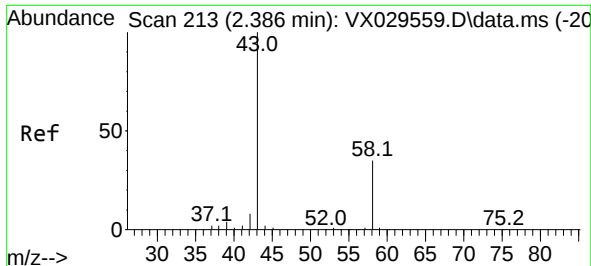
Tgt Ion:142 Resp: 307
Ion Ratio Lower Upper
142 100
127 33.9 33.9 50.9#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.345 ug/l
RT: 2.197 min Scan# 182
Delta R.T. -0.042 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 172.1 55.0 82.6#

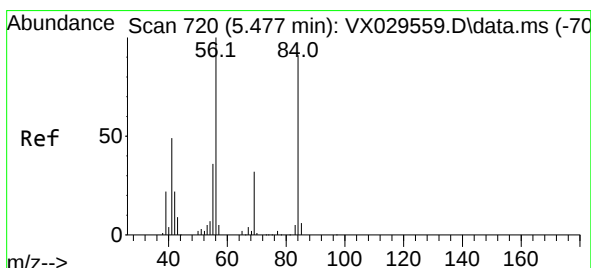
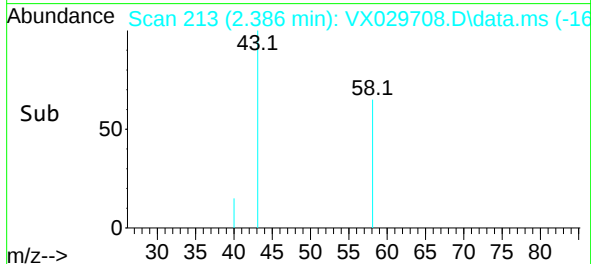
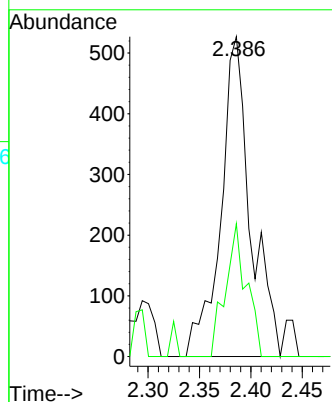
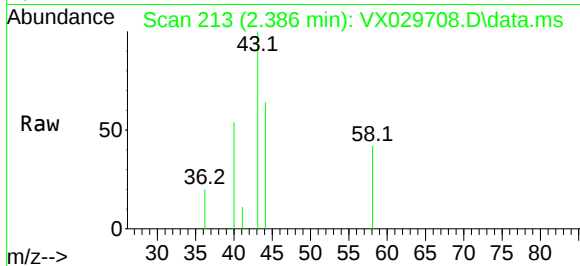




#16
Acetone
Concen: 0.740 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

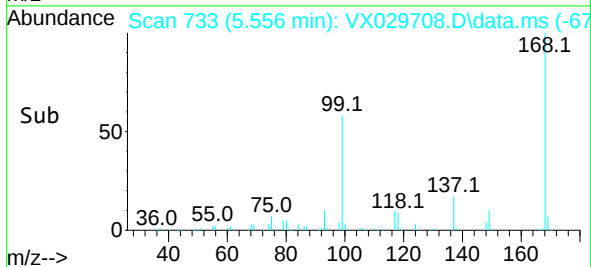
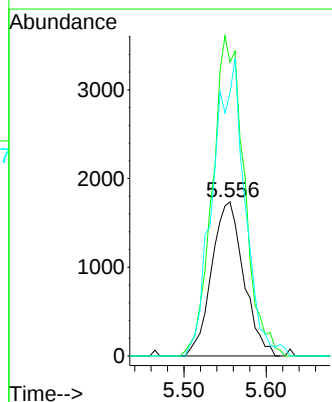
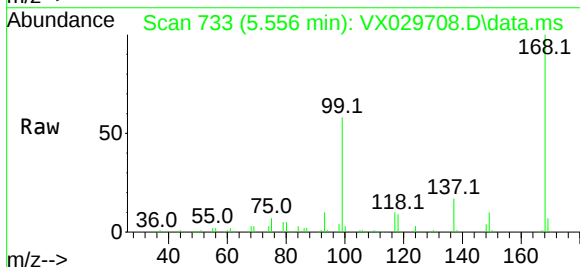
Instrument :
MSVOA_X
ClientSampleId :
MW-31RE

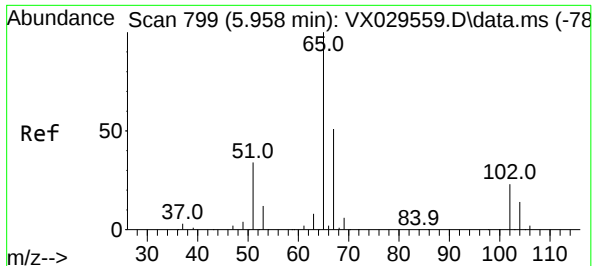
Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
58 41.6 28.8 43.2



#31
Cyclohexane
Concen: 0.978 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Tgt Ion: 56 Resp: 4704
Ion Ratio Lower Upper
56 100
69 190.8 26.7 40.1#
84 170.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 41.686 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029708.D

Acq: 22 Jun 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

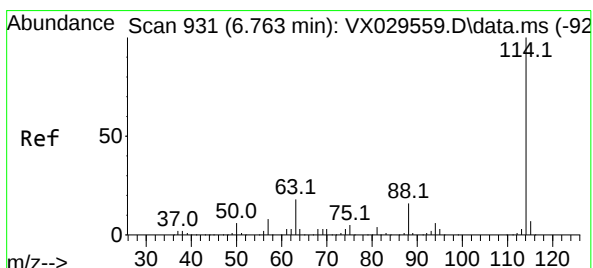
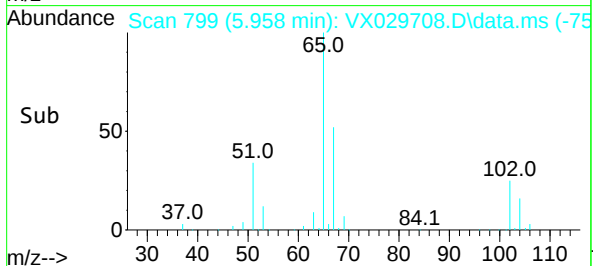
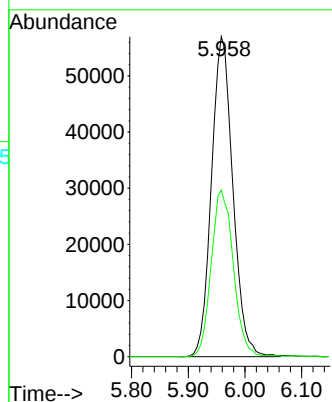
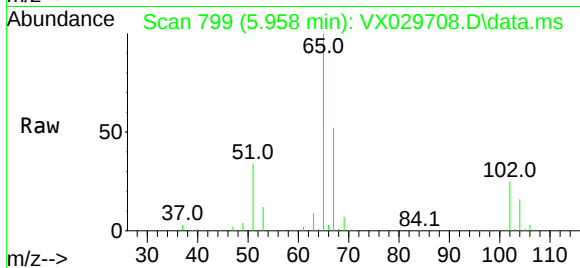
MW-31RE

Tgt Ion: 65 Resp: 149358

Ion Ratio Lower Upper

65 100

67 53.8 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: VX029708.D

Acq: 22 Jun 2022 18:43

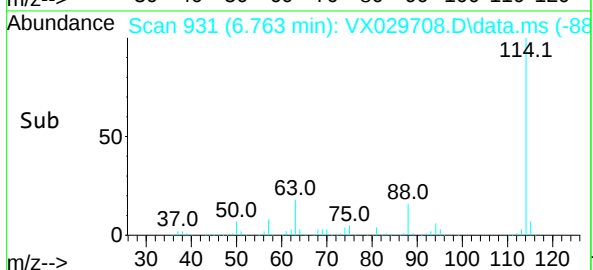
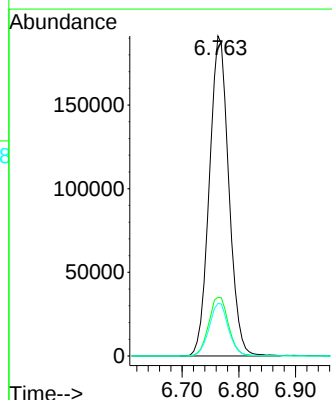
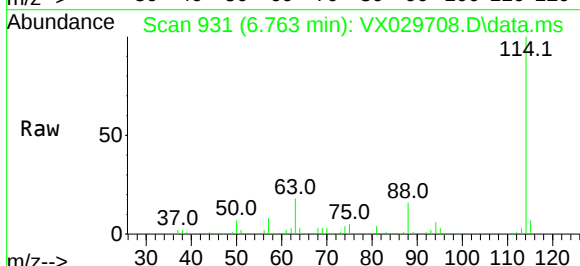
Tgt Ion: 114 Resp: 455249

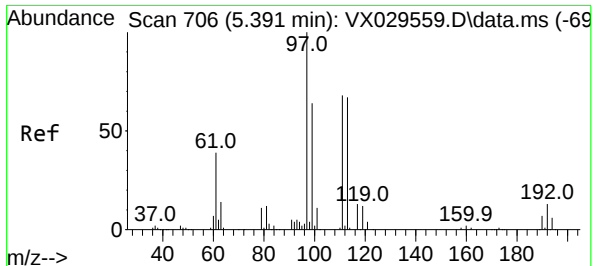
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.112 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029708.D

Acq: 22 Jun 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW-31RE

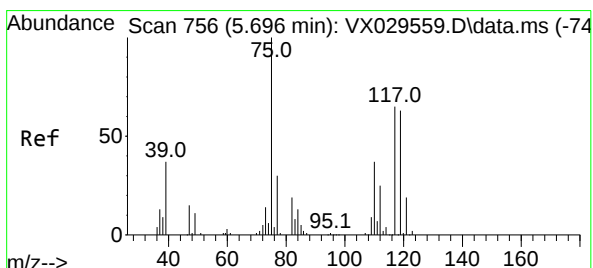
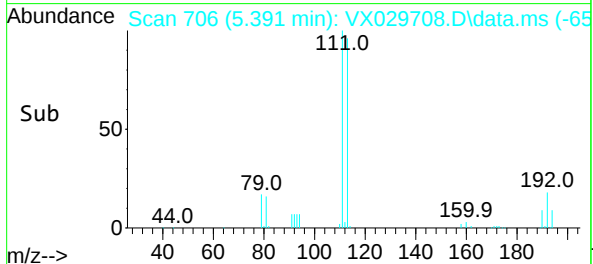
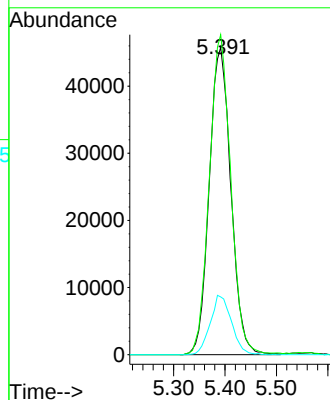
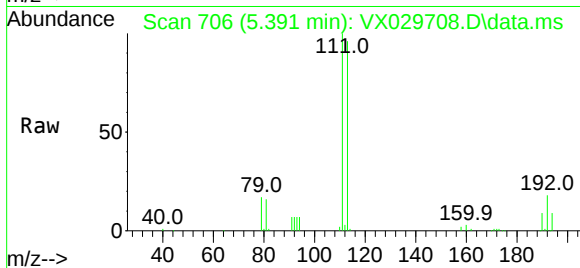
Tgt Ion:113 Resp: 133837

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 18.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.931 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029708.D

Acq: 22 Jun 2022 18:43

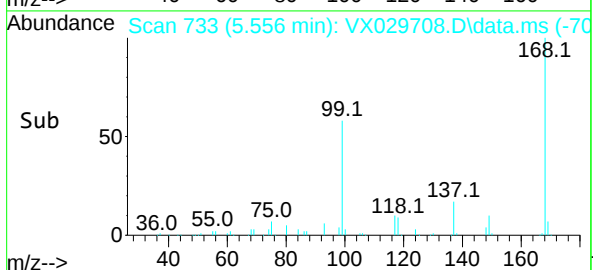
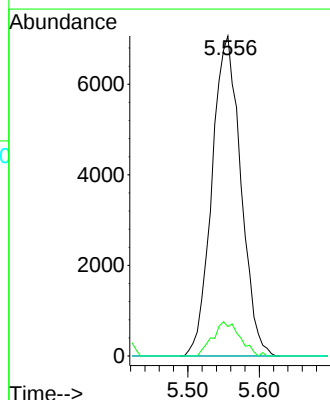
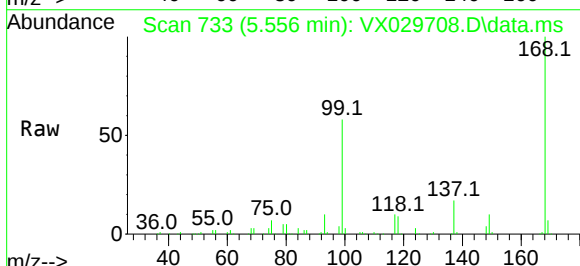
Tgt Ion: 75 Resp: 19798

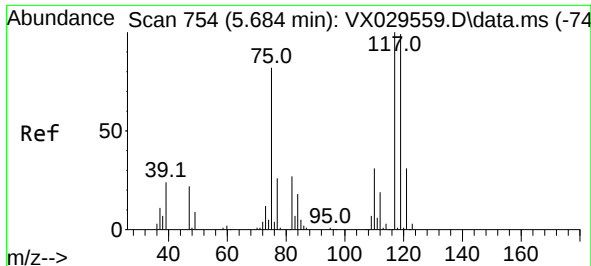
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#

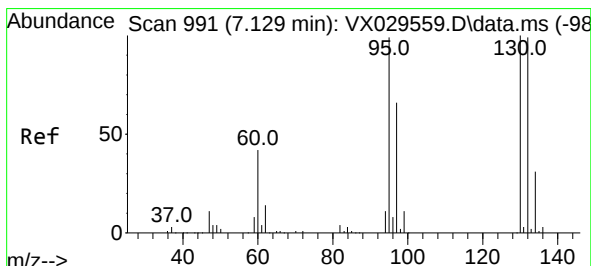
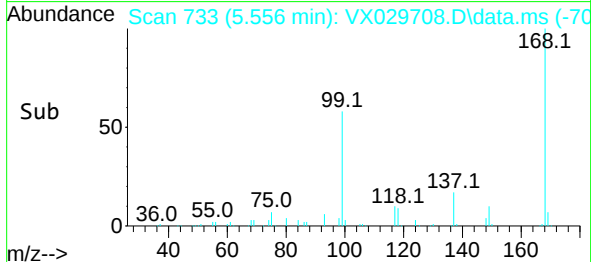
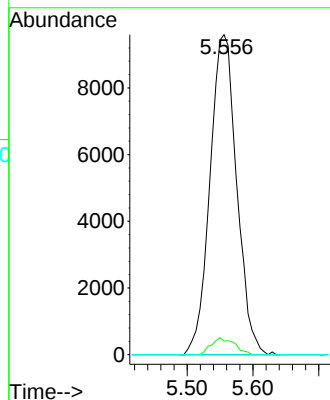
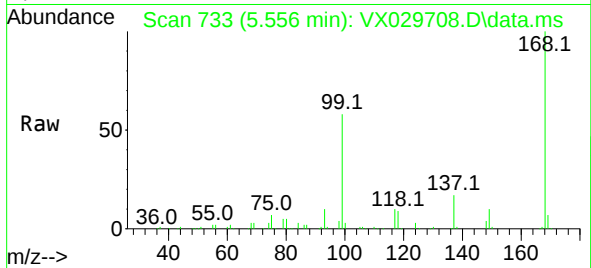




#38
Carbon Tetrachloride
Concen: 6.883 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

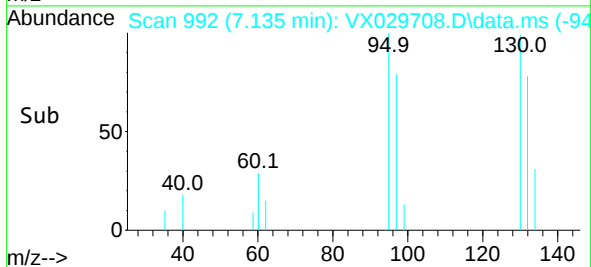
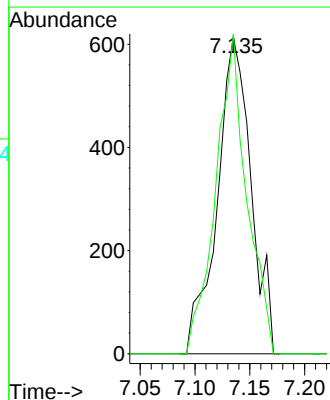
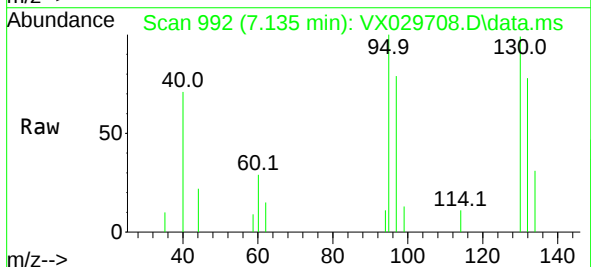
Instrument :
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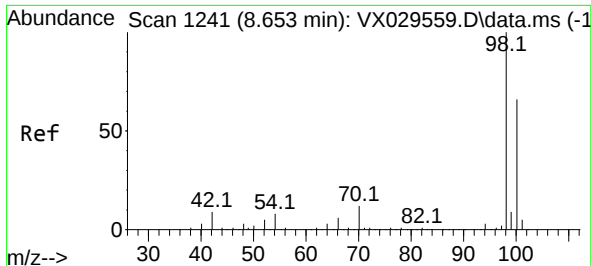
Tgt Ion:117 Resp: 27177
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Tgt Ion:130 Resp: 1321
Ion Ratio Lower Upper
130 100
95 101.0 0.0 188.8

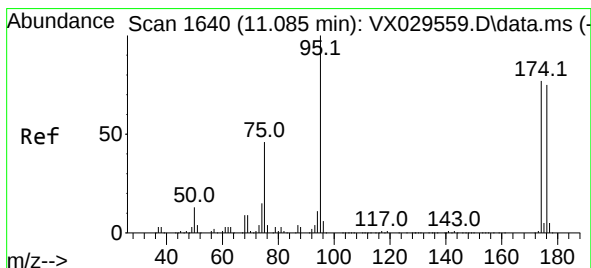
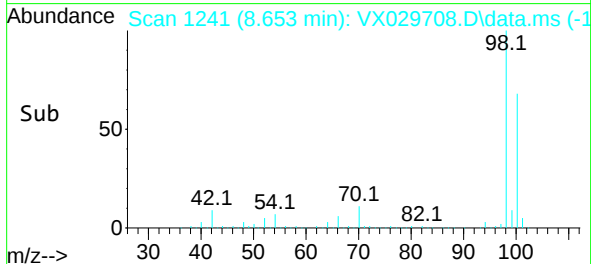
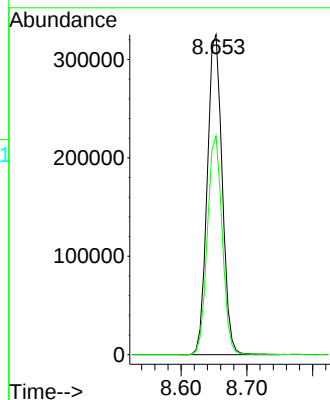
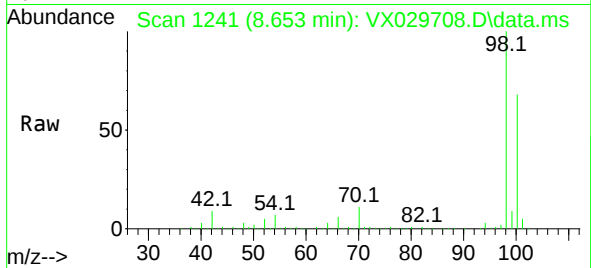




#50
Toluene-d8
Concen: 47.441 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

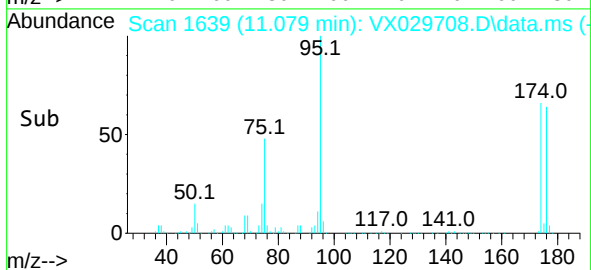
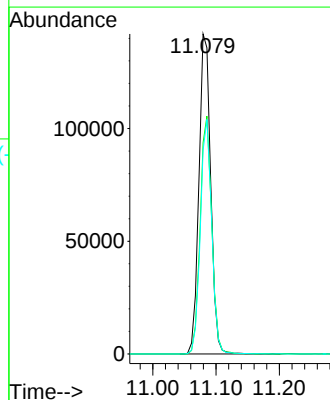
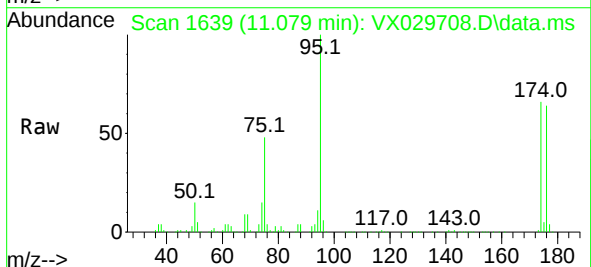
Instrument :
MSVOA_X
ClientSampleId :
MW-31RE

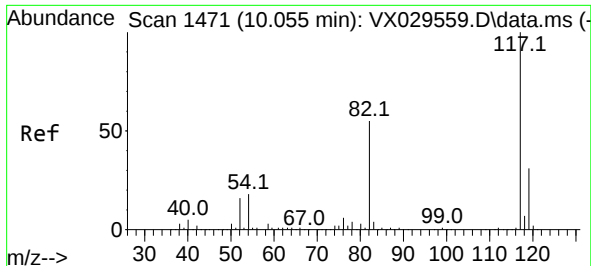
Tgt Ion: 98 Resp: 514173
Ion Ratio Lower Upper
98 100
100 68.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Tgt Ion: 95 Resp: 183743
Ion Ratio Lower Upper
95 100
174 73.0 0.0 163.0
176 70.8 0.0 155.0

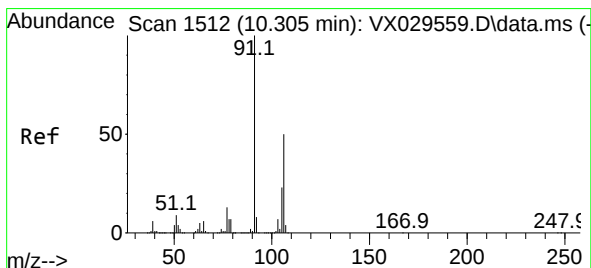
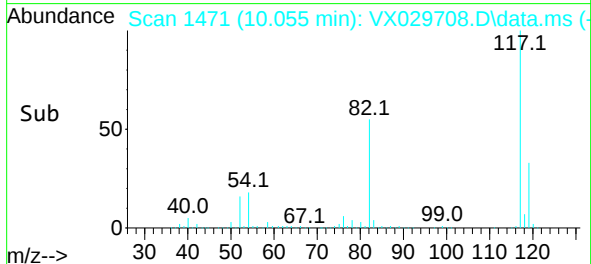
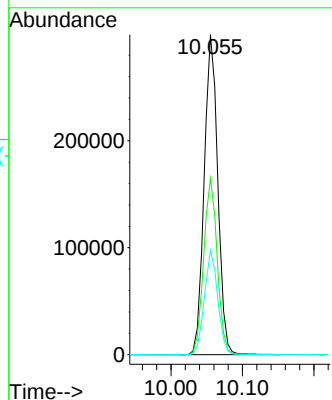
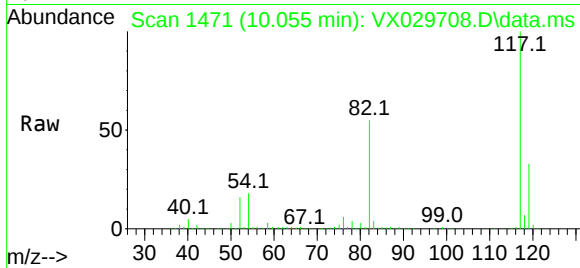




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

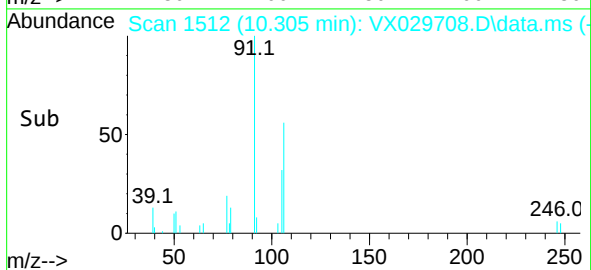
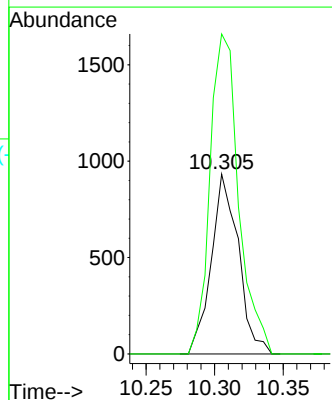
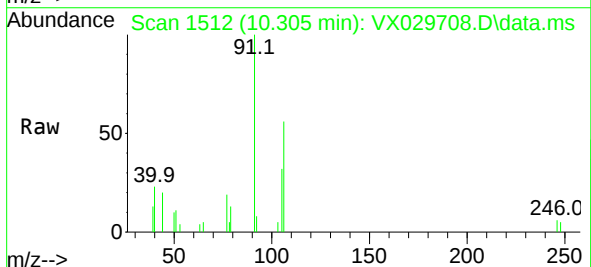
Instrument :
MSVOA_X
ClientSampleId :
MW-31RE

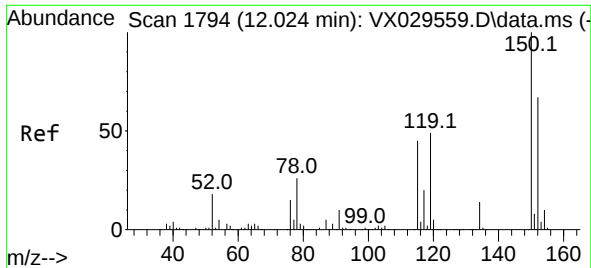
Tgt Ion:117 Resp: 395159
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.6 24.8 37.2



#68
m/p-Xylenes
Concen: 0.236 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Tgt Ion:106 Resp: 1285
Ion Ratio Lower Upper
106 100
91 187.7 160.4 240.6

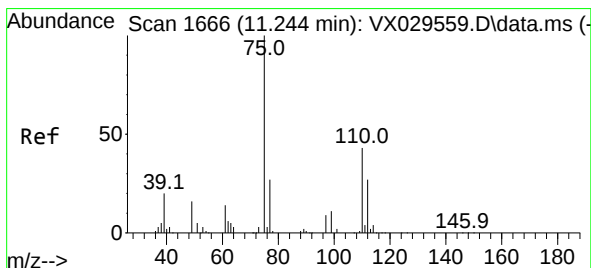
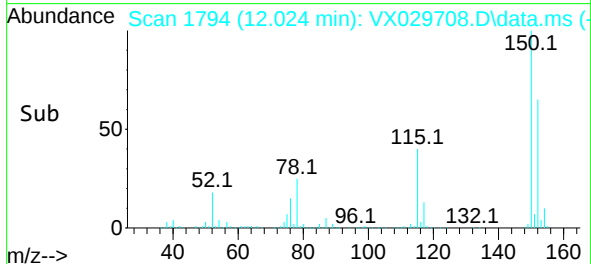
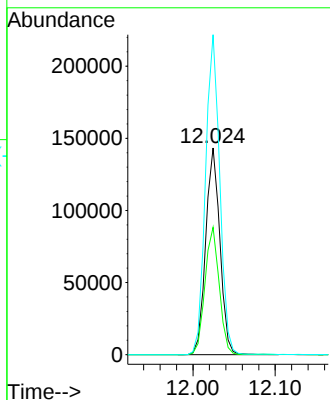
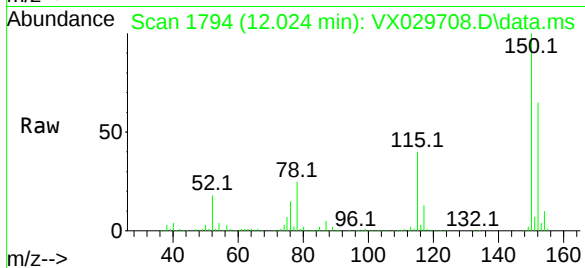




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

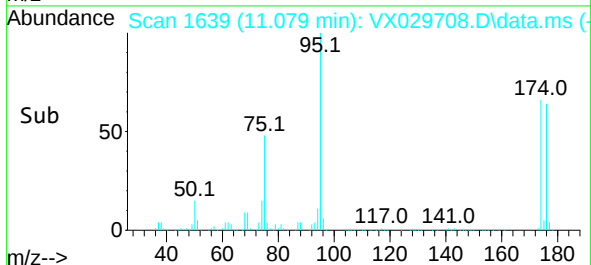
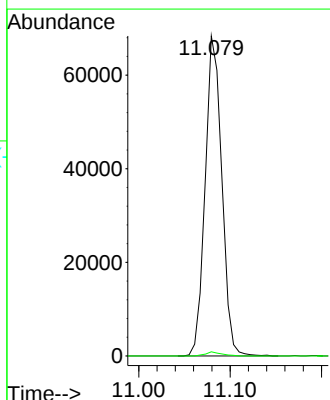
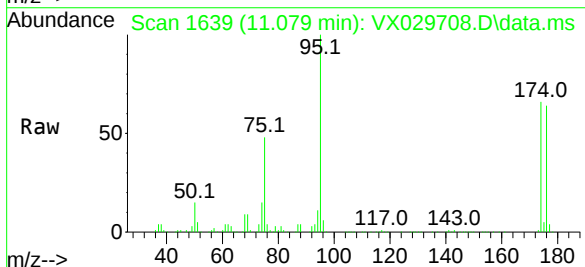
Instrument :
MSVOA_X
ClientSampleId :
MW-31RE

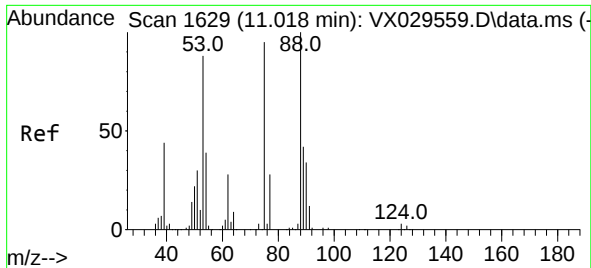
Tgt Ion:152 Resp: 171889
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 155.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Tgt Ion: 75 Resp: 86334
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

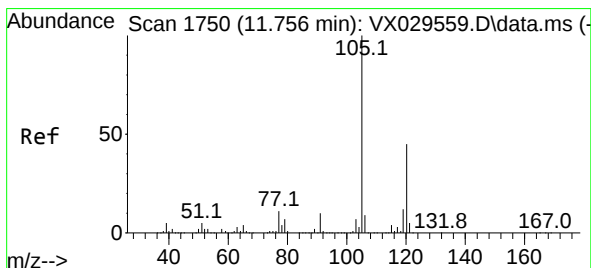
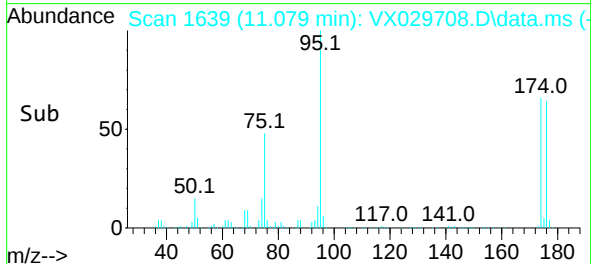
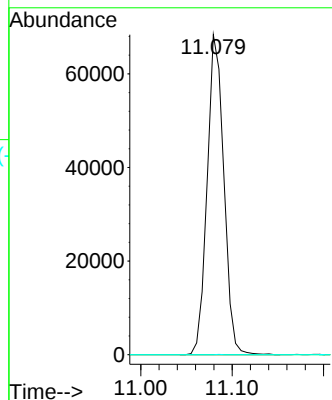
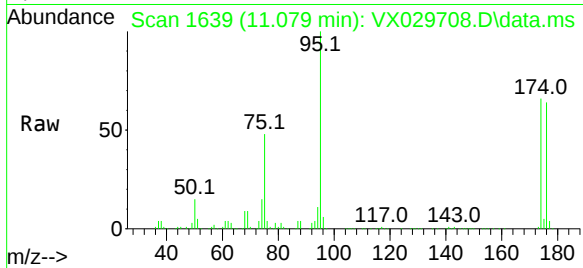




#81
trans-1,4-Dichloro-2-butene
Concen: 76.700 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

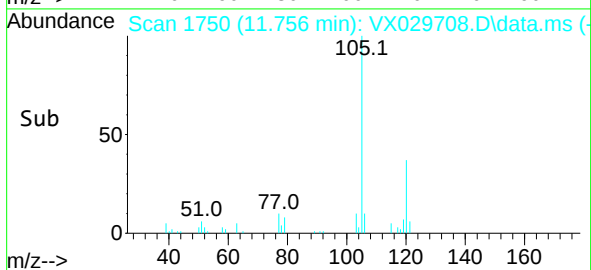
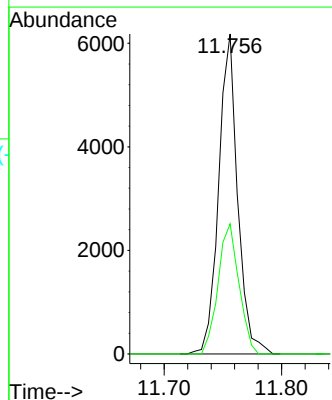
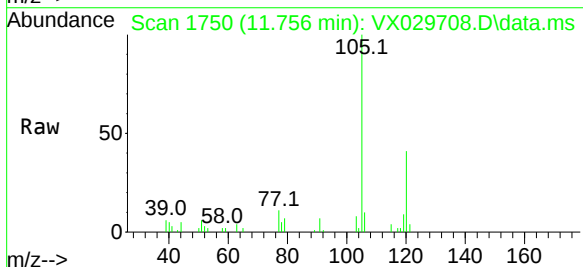
Instrument :
MSVOA_X
ClientSampleId :
MW-31RE

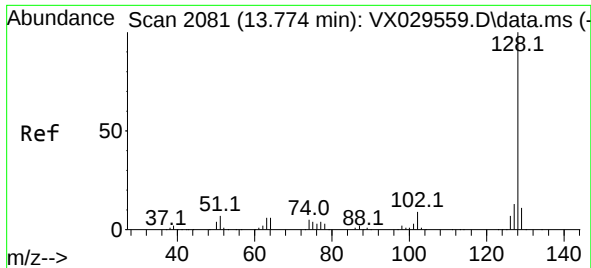
Tgt Ion: 75 Resp: 86334
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.641 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

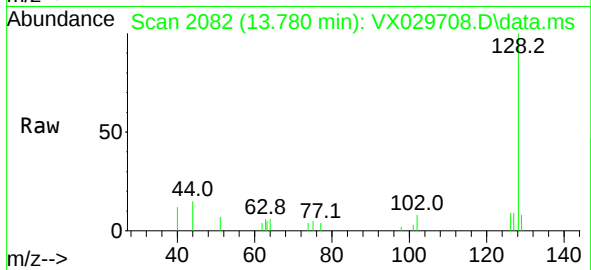
Tgt Ion: 105 Resp: 6936
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.8





#95
Naphthalene
Concen: 0.312 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029708.D
Acq: 22 Jun 2022 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW-31RE



Tgt Ion:128 Resp: 3756
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.8 8.7 13.1

