

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029742.D
 Acq On : 23 Jun 2022 14:31
 Operator : JC/MD
 Sample : N3202-10DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22DL

Quant Time: Jun 24 05:39:16 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)

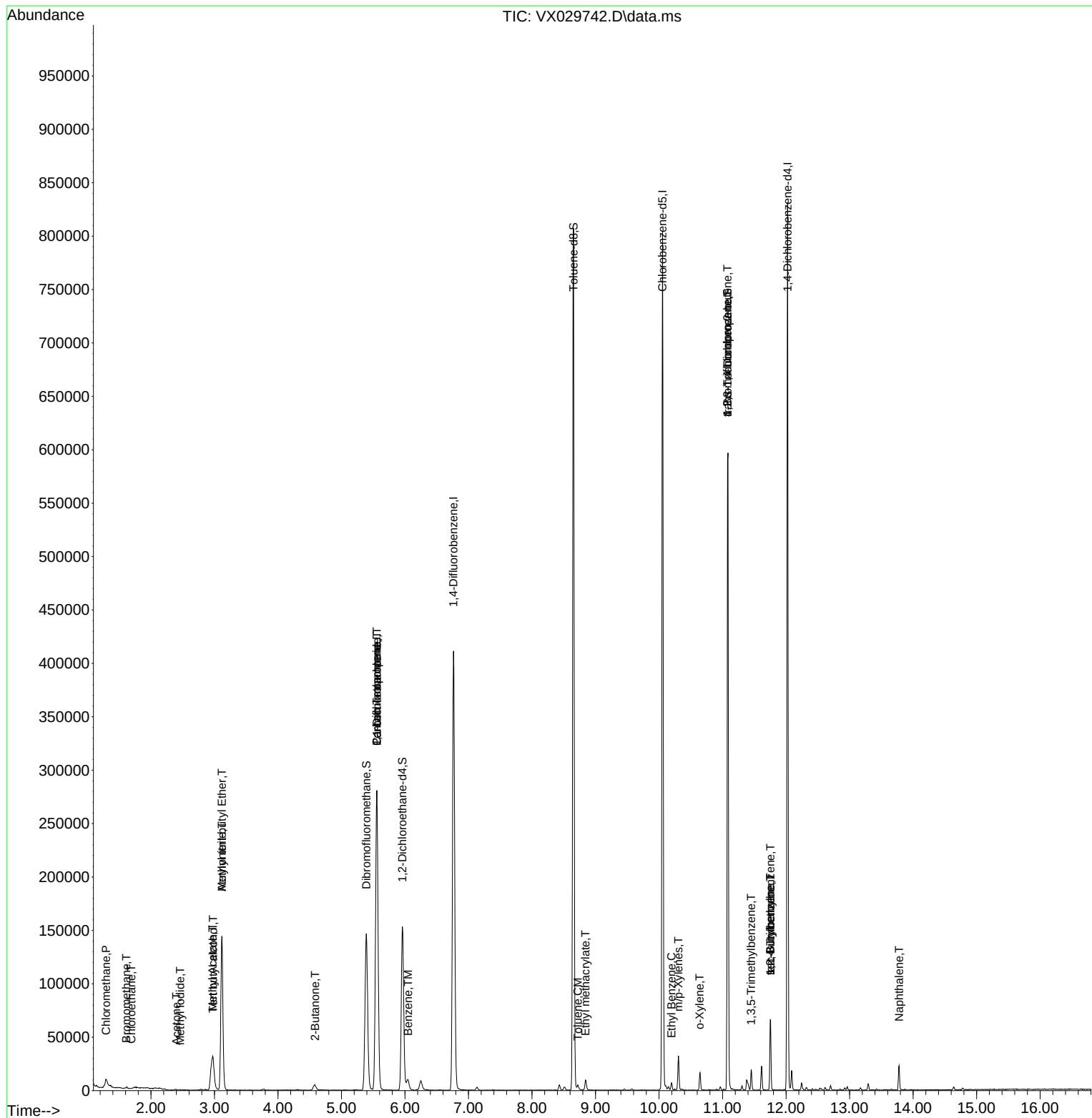
Internal Standards						
1) Pentafluorobenzene	5.556	168	268834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	379467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144313	40.553	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.100%
35) Dibromofluoromethane	5.391	113	132262	45.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.120%
50) Toluene-d8	8.653	98	500416	46.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.079	95	178348	44.101	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	843	0.240	ug/l	90
5) Bromomethane	1.611	94	391	0.237	ug/l	86
6) Chloroethane	1.691	64	692	1.559	ug/l #	43
10) Methyl Iodide	2.459	142	447	3.148	ug/l #	81
11) Tert butyl alcohol	2.977	59	53200	61.628	ug/l #	94
15) Acrylonitrile	3.117	53	1670	1.003	ug/l #	27
16) Acetone	2.398	43	878	0.619	ug/l #	85
18) Methyl Acetate	2.971	43	4802	1.280	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	174006	18.403	ug/l	97
25) 2-Butanone	4.587	43	537	0.240	ug/l #	44
36) 1,1-Dichloropropene	5.556	75	19657	4.948	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27451	7.026	ug/l #	15
40) Benzene	6.050	78	13252	1.125	ug/l	96
44) Trichloroethene	7.135	130	1197	Below Cal		84
52) Toluene	8.720	92	1704	0.226	ug/l	95
56) Ethyl methacrylate	8.842	69	1339	0.291	ug/l #	71
67) Ethyl Benzene	10.195	91	4359	0.325	ug/l	89
68) m/p-Xylenes	10.305	106	7404	1.417	ug/l	92
69) o-Xylene	10.640	106	3870	0.750	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	85889	23.161	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	8746	0.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	85889	77.051	ug/l #	15
83) tert-Butylbenzene	11.756	119	4167	0.398	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.756	105	30916	2.884	ug/l	99
85) sec-Butylbenzene	11.756	105	30916	2.380	ug/l #	56
95) Naphthalene	13.780	128	15770	1.321	ug/l	99

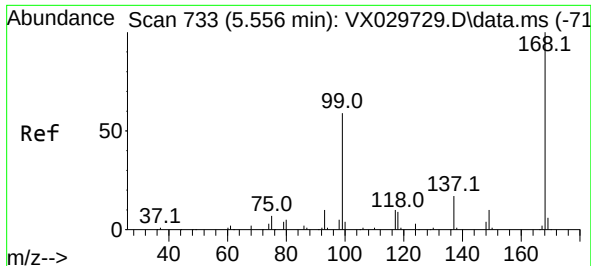
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

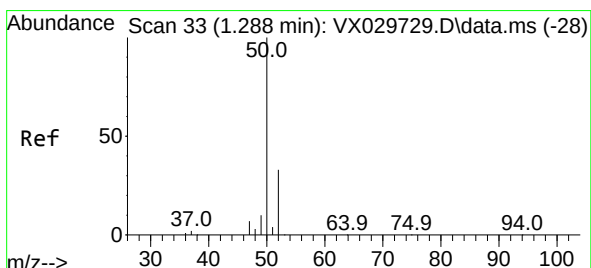
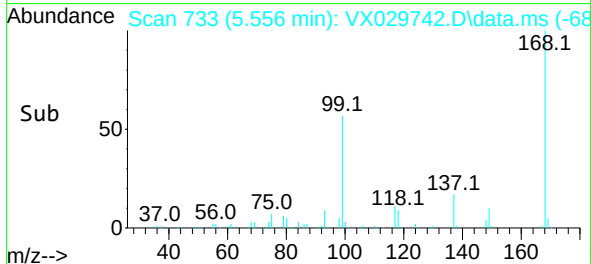
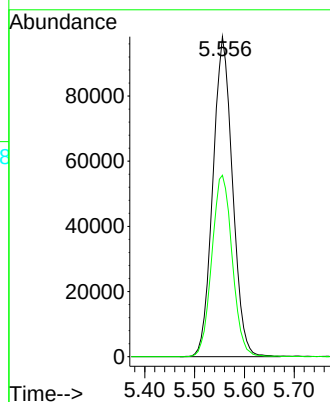
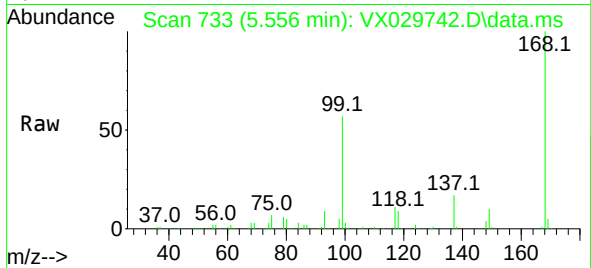




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

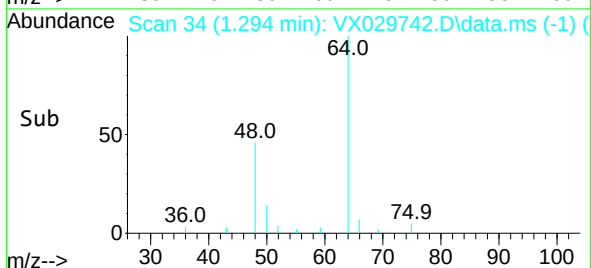
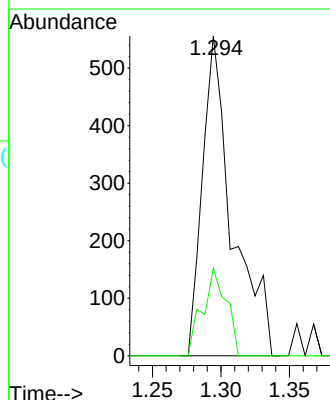
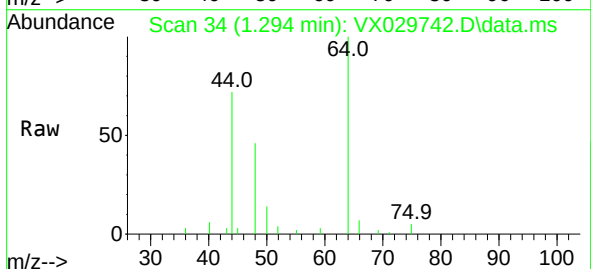
Instrument :
MSVOA_X
ClientSampleId :
MW-22DL

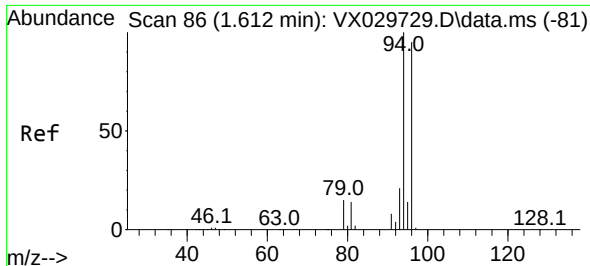
Tgt Ion:168 Resp: 268834
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

Tgt Ion: 50 Resp: 843
Ion Ratio Lower Upper
50 100
52 27.3 26.4 39.6

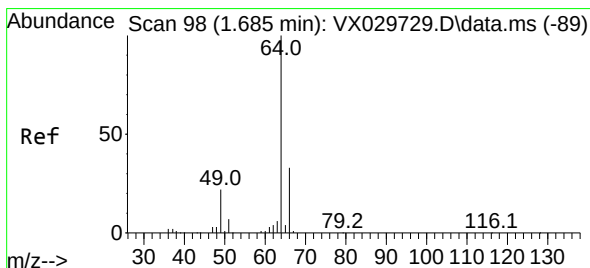
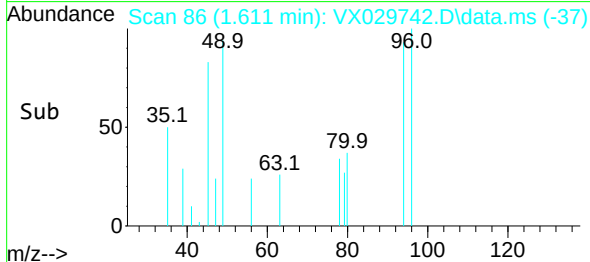
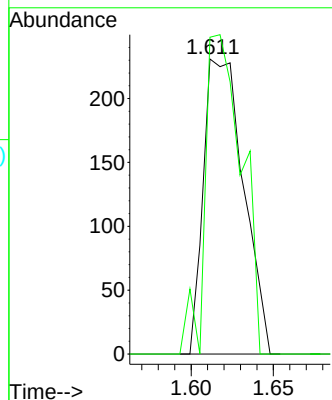
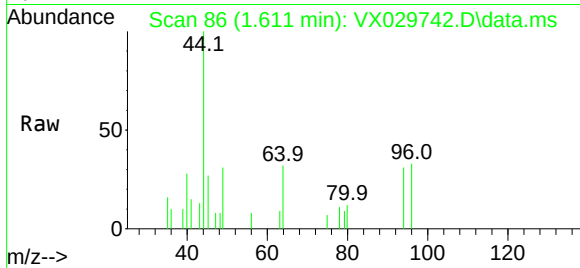




#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.611 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

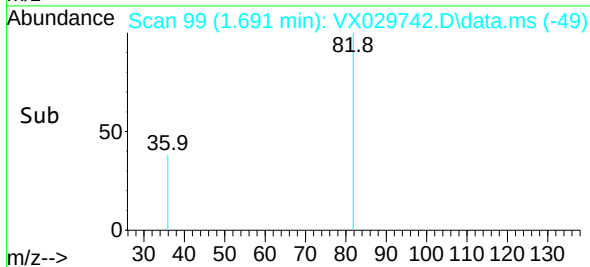
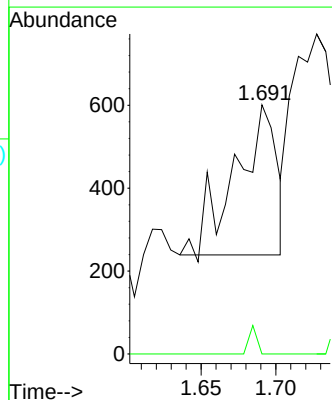
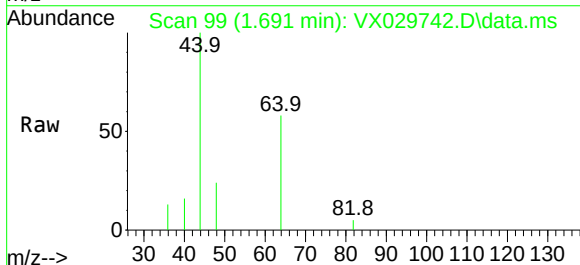
Instrument :
MSVOA_X
ClientSampleId :
MW-22DL

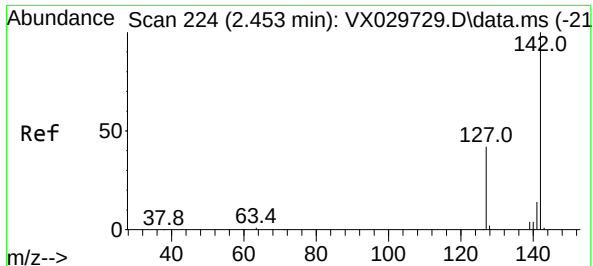
Tgt Ion: 94 Resp: 391
Ion Ratio Lower Upper
94 100
96 107.4 75.3 112.9



#6
Chloroethane
Concen: 1.559 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

Tgt Ion: 64 Resp: 692
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#10

Methyl Iodide

Concen: 3.148 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029742.D

Acq: 23 Jun 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

MW-22DL

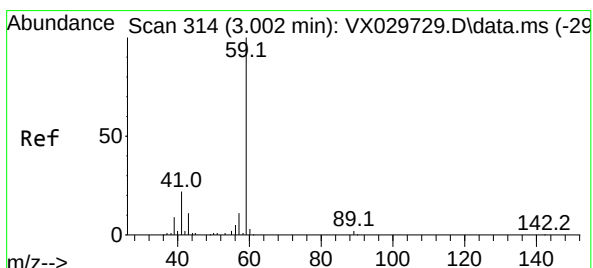
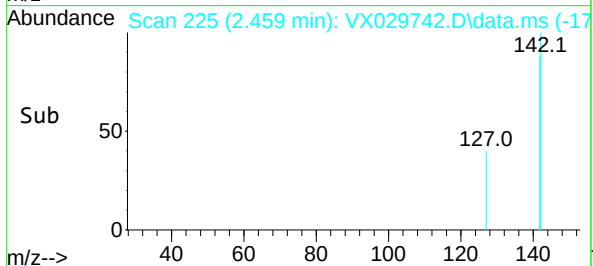
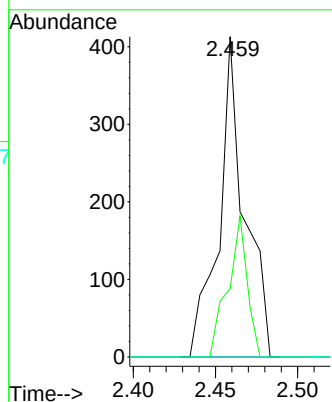
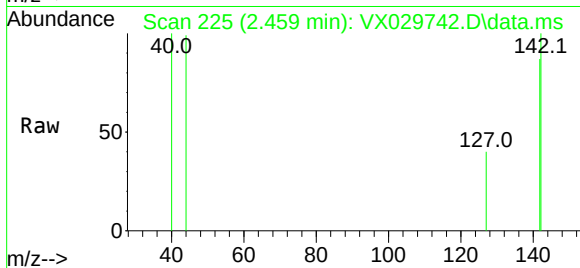
Tgt Ion:142 Resp: 447

Ion Ratio Lower Upper

142 100

127 33.3 33.9 50.9#

141 0.0 11.4 17.2#



#11

Tert butyl alcohol

Concen: 61.628 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.006 min

Lab File: VX029742.D

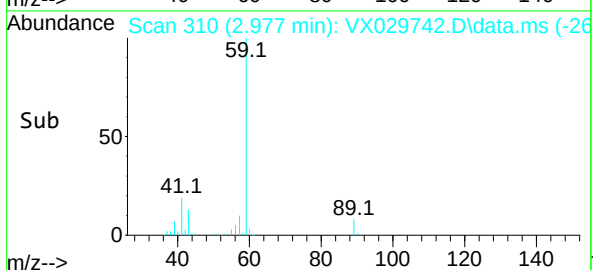
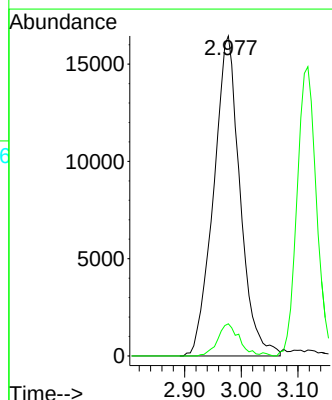
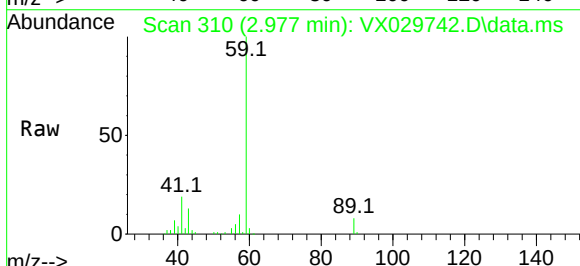
Acq: 23 Jun 2022 14:31

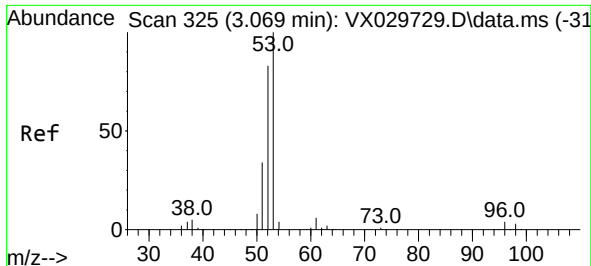
Tgt Ion: 59 Resp: 53200

Ion Ratio Lower Upper

59 100

57 8.2 8.3 12.5#





#15

Acrylonitrile

Concen: 1.003 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX029742.D

Acq: 23 Jun 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

MW-22DL

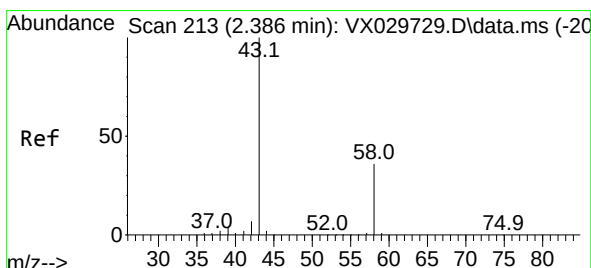
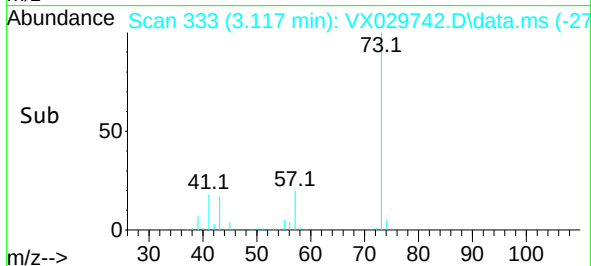
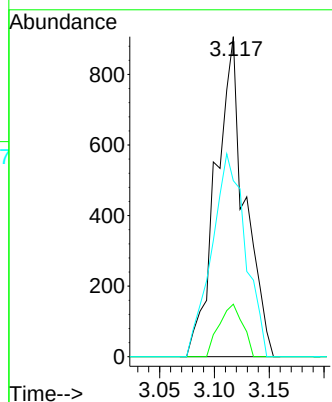
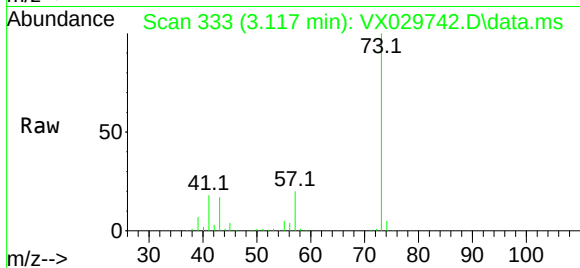
Tgt Ion: 53 Resp: 1670

Ion Ratio Lower Upper

53 100

52 13.4 65.7 98.5#

51 73.5 28.4 42.6#



#16

Acetone

Concen: 0.619 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX029742.D

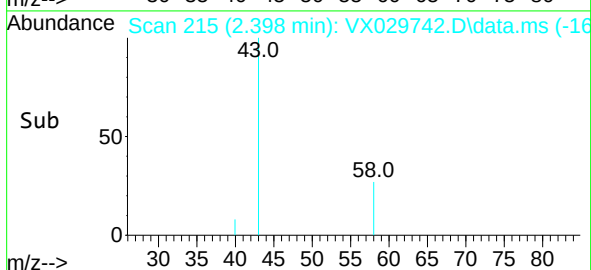
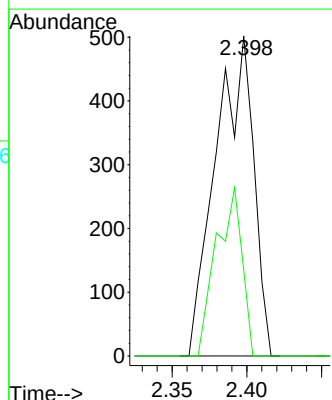
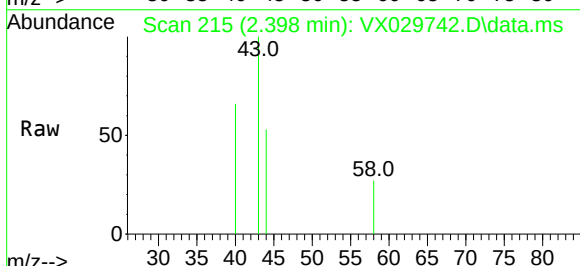
Acq: 23 Jun 2022 14:31

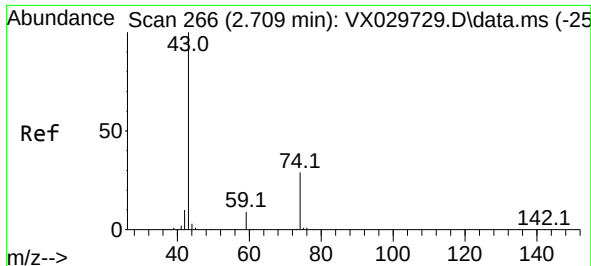
Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

58 26.9 28.8 43.2#





#18

Methyl Acetate

Concen: 1.280 ug/l

RT: 2.971 min Scan# 309

Delta R.T. 0.262 min

Lab File: VX029742.D

Acq: 23 Jun 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

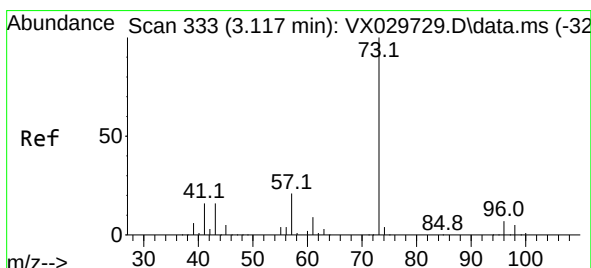
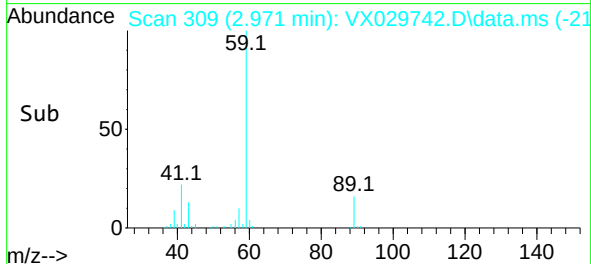
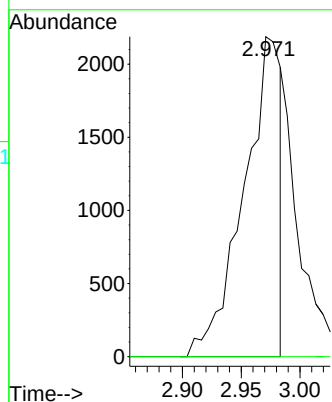
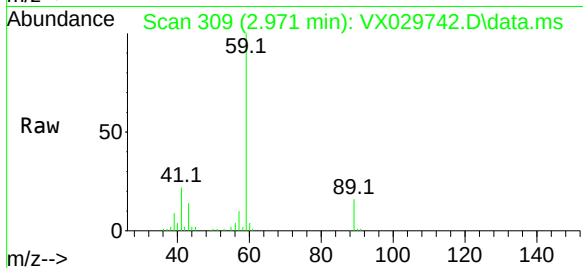
MW-22DL

Tgt Ion: 43 Resp: 4802

Ion Ratio Lower Upper

43 100

74 0.0 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 18.403 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX029742.D

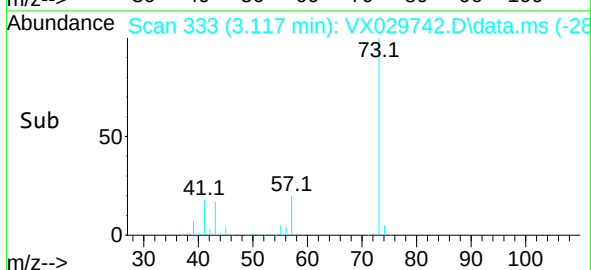
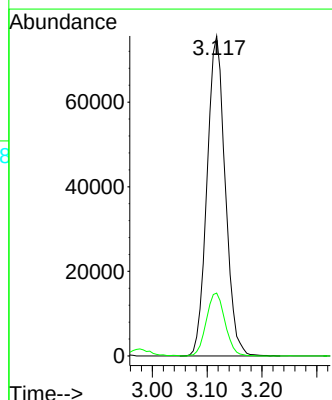
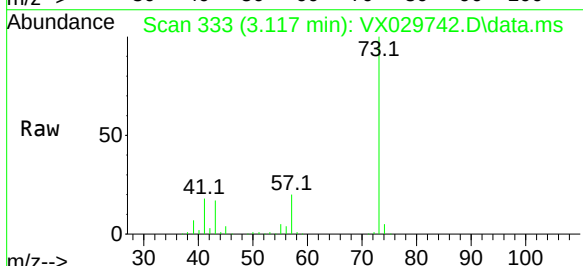
Acq: 23 Jun 2022 14:31

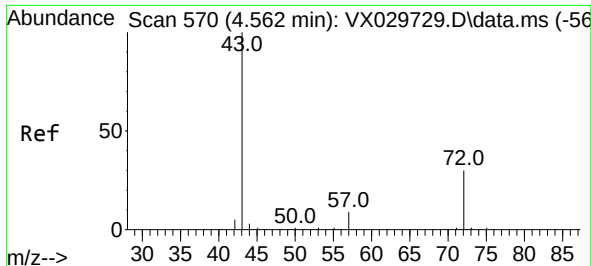
Tgt Ion: 73 Resp: 174006

Ion Ratio Lower Upper

73 100

57 19.7 16.8 25.2





#25

2-Butanone

Concen: 0.240 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX029742.D

Acq: 23 Jun 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

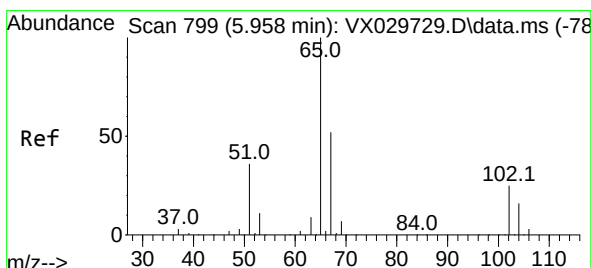
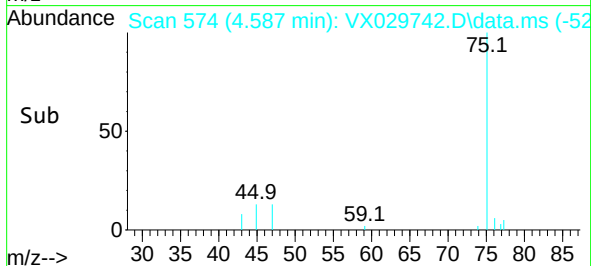
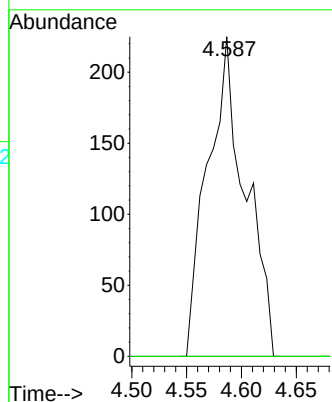
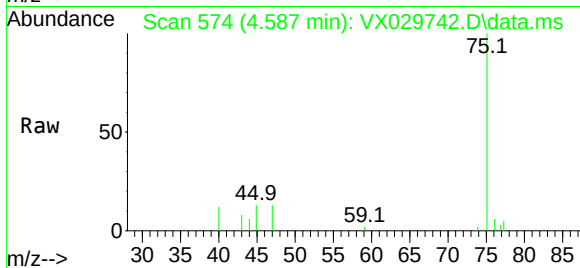
MW-22DL

Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#33

1,2-Dichloroethane-d4

Concen: 40.553 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029742.D

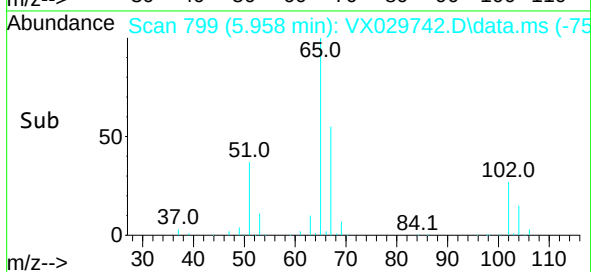
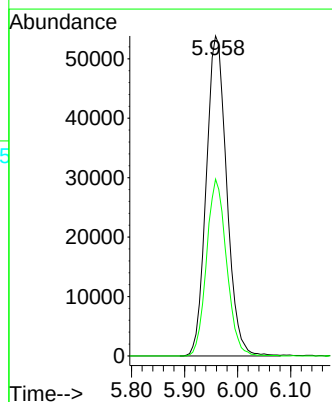
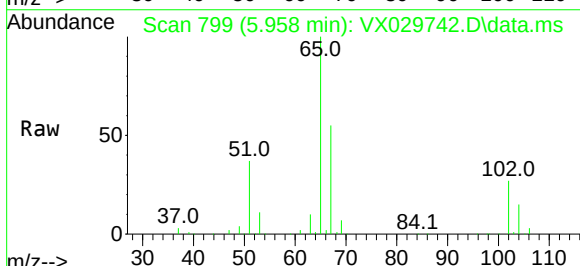
Acq: 23 Jun 2022 14:31

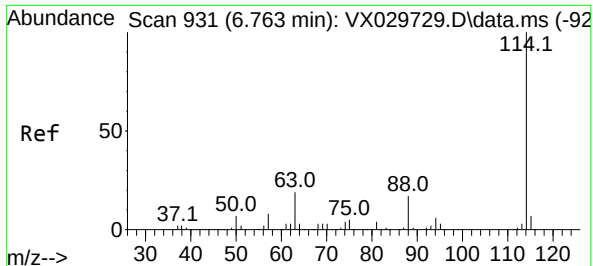
Tgt Ion: 65 Resp: 144313

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.4

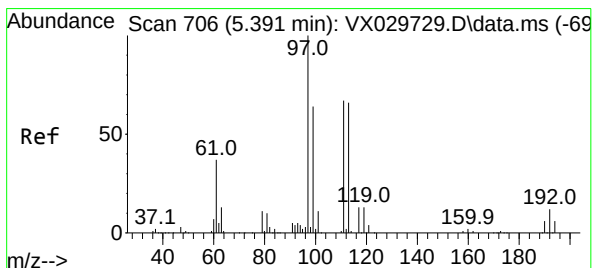
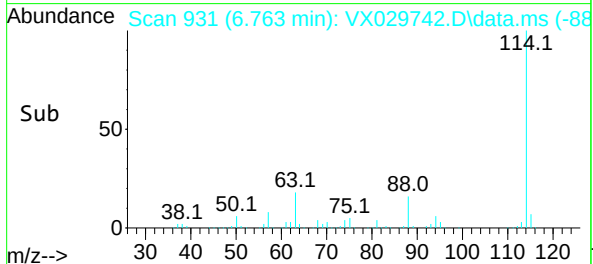
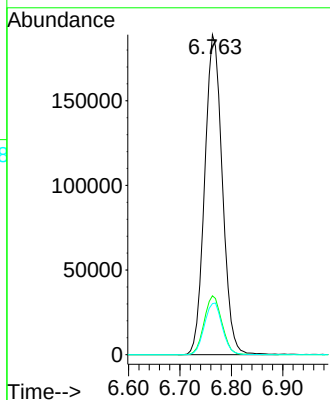
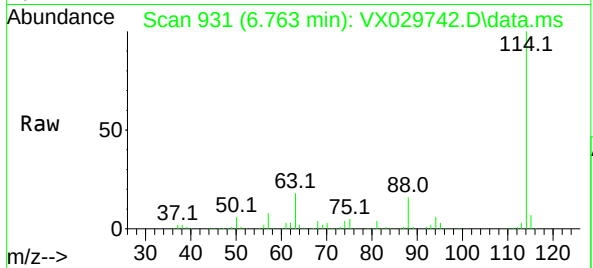




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

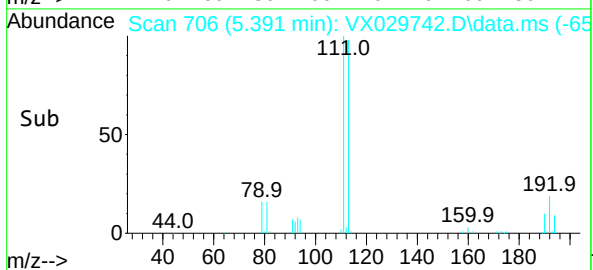
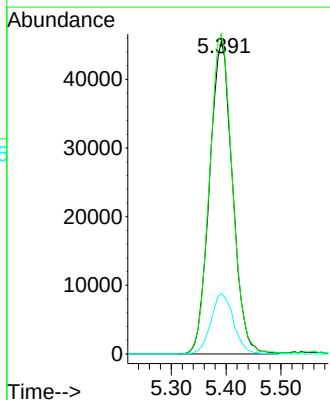
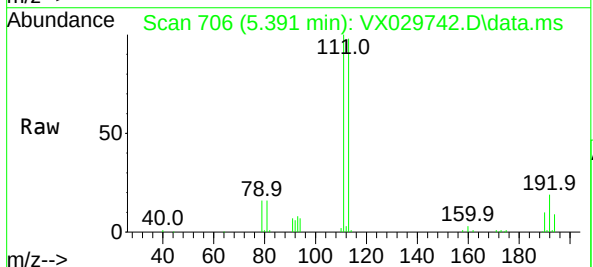
Instrument :
MSVOA_X
ClientSampleId :
MW-22DL

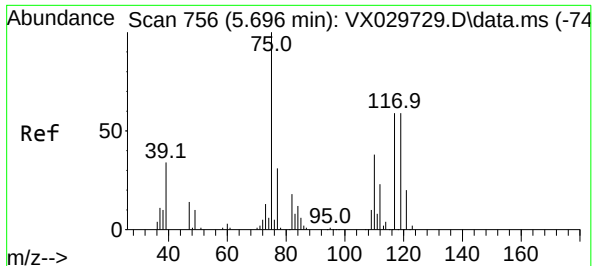
Tgt Ion:114 Resp: 450439
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.057 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

Tgt Ion:113 Resp: 132262
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.1 16.9 25.3

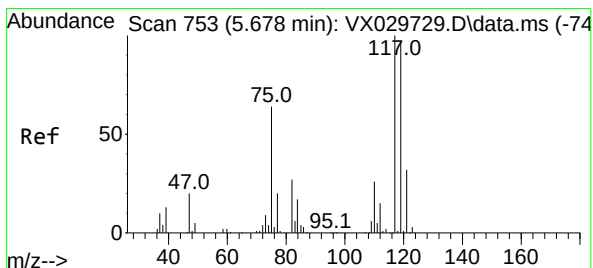
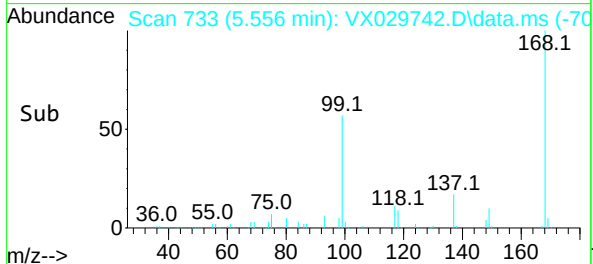
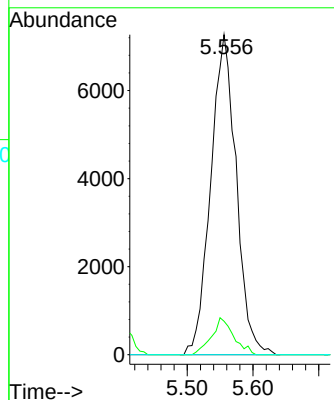
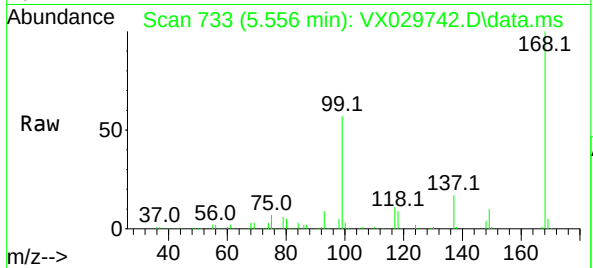




#36
 1,1-Dichloropropene
 Concen: 4.948 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX029742.D
 Acq: 23 Jun 2022 14:31

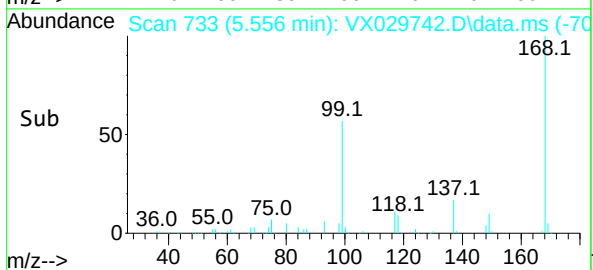
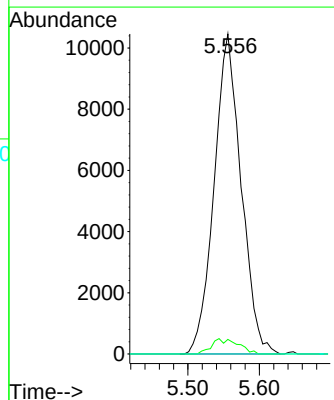
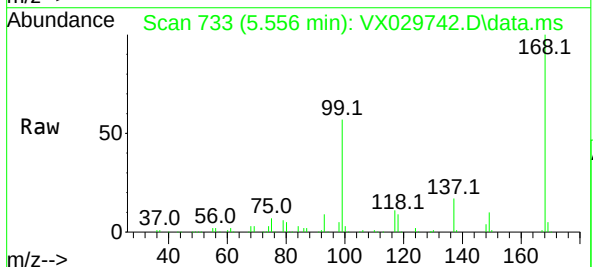
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22DL

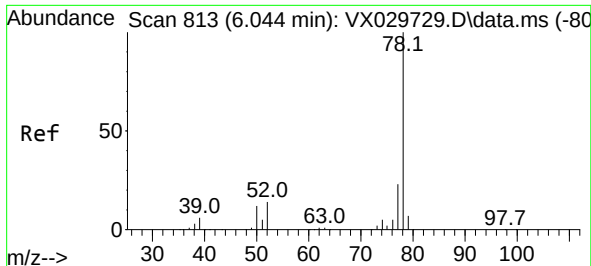
Tgt Ion: 75 Resp: 19657
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.026 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX029742.D
 Acq: 23 Jun 2022 14:31

Tgt Ion: 117 Resp: 27451
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.3 115.9#
 121 0.0 24.2 36.2#





#40

Benzene

Concen: 1.125 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX029742.D

Acq: 23 Jun 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

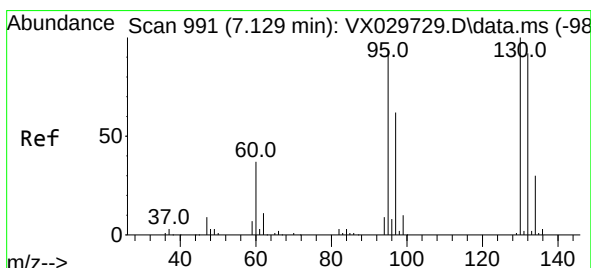
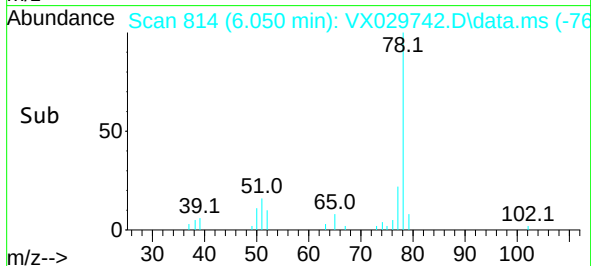
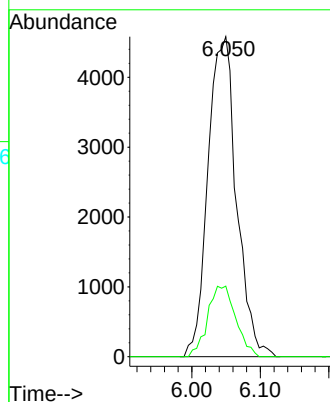
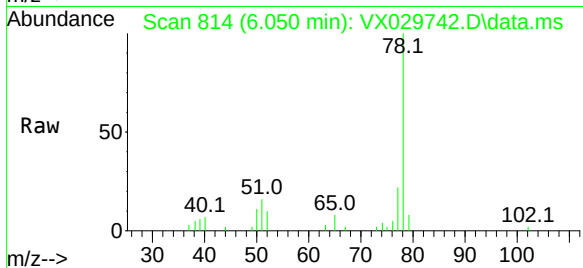
MW-22DL

Tgt Ion: 78 Resp: 13252

Ion Ratio Lower Upper

78 100

77 22.0 19.3 28.9



#44

Trichloroethene

Concen: Below Cal

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX029742.D

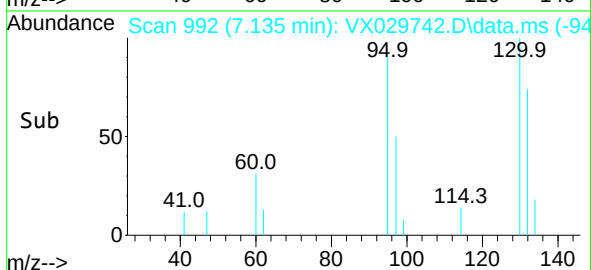
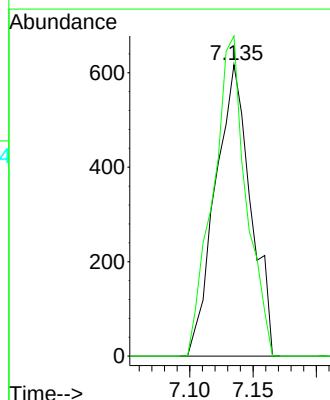
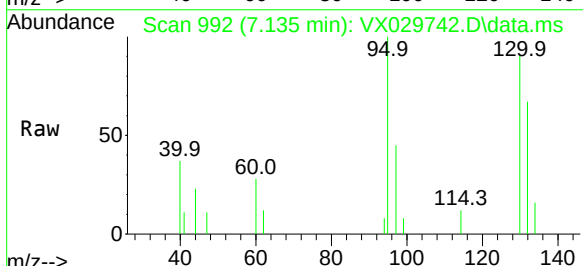
Acq: 23 Jun 2022 14:31

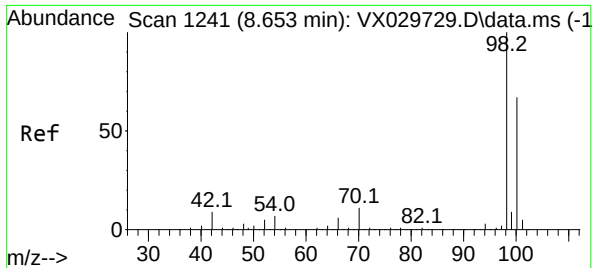
Tgt Ion:130 Resp: 1197

Ion Ratio Lower Upper

130 100

95 109.9 0.0 188.8

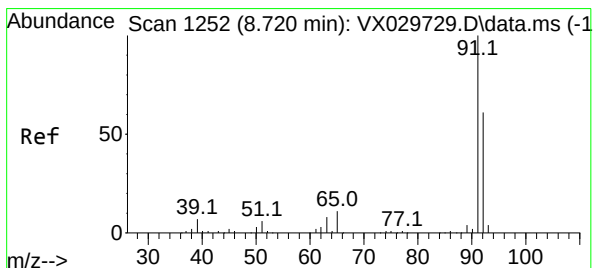
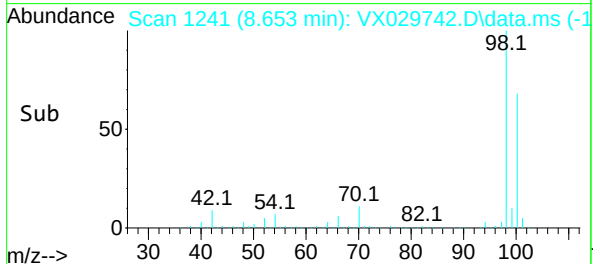
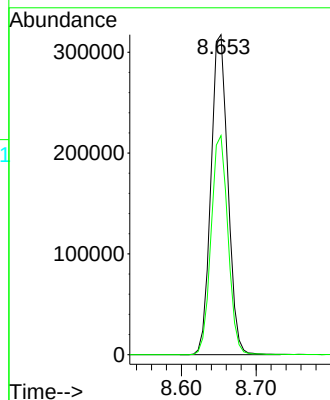
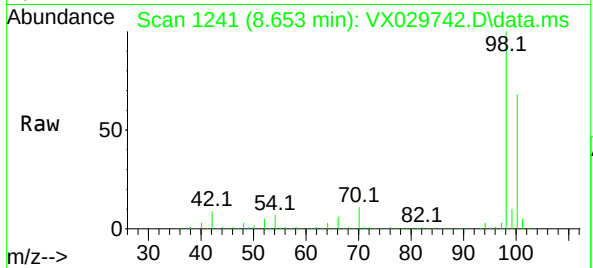




#50
Toluene-d8
Concen: 46.664 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

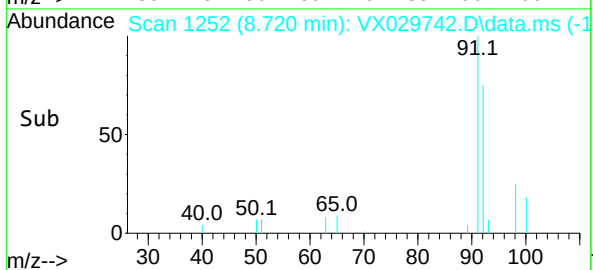
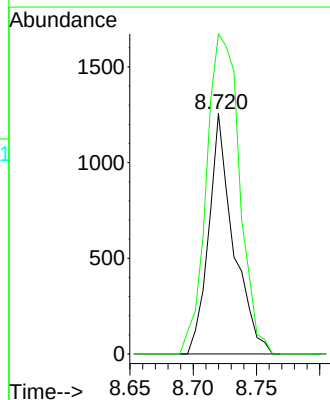
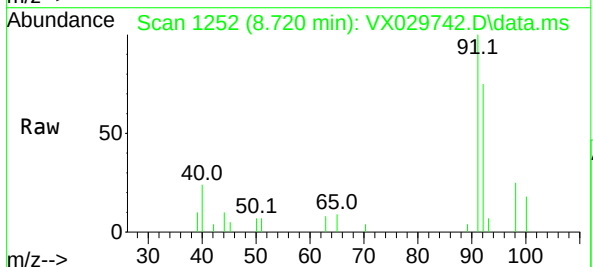
Instrument :
MSVOA_X
ClientSampleId :
MW-22DL

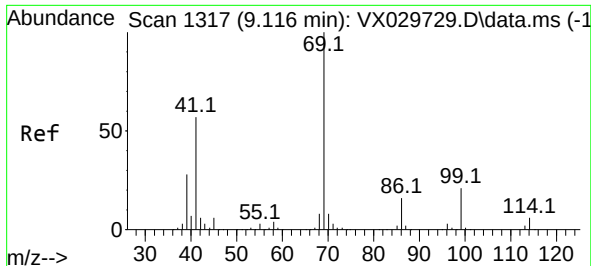
Tgt Ion: 98 Resp: 500416
Ion Ratio Lower Upper
98 100
100 68.3 52.6 78.8



#52
Toluene
Concen: 0.226 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

Tgt Ion: 92 Resp: 1704
Ion Ratio Lower Upper
92 100
91 179.0 137.5 206.3

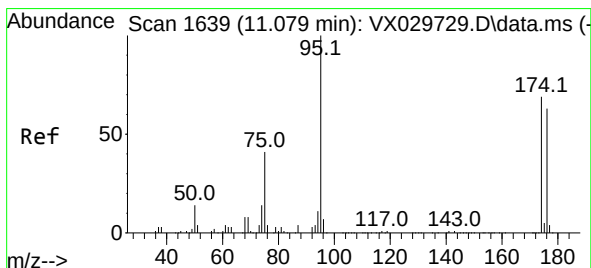
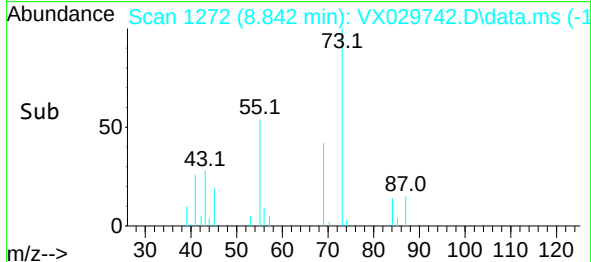
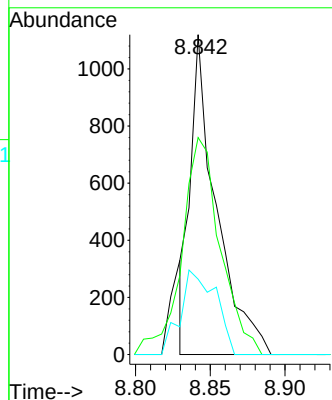
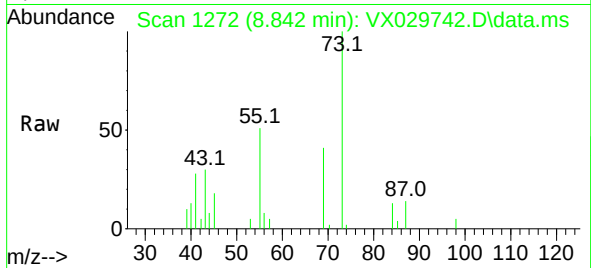




#56
Ethyl methacrylate
Concen: 0.291 ug/l
RT: 8.842 min Scan# 11
Delta R.T. -0.274 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

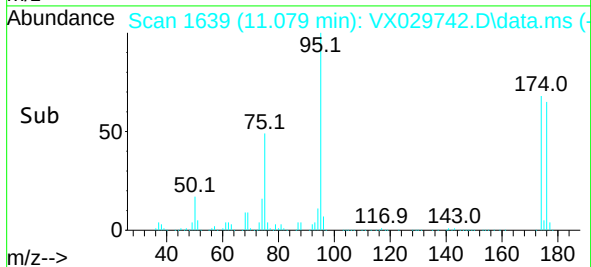
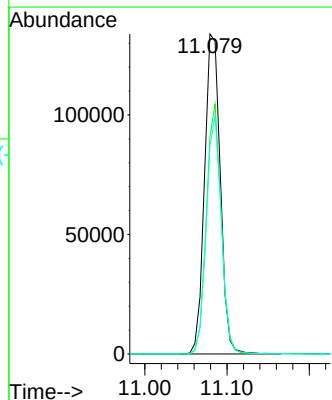
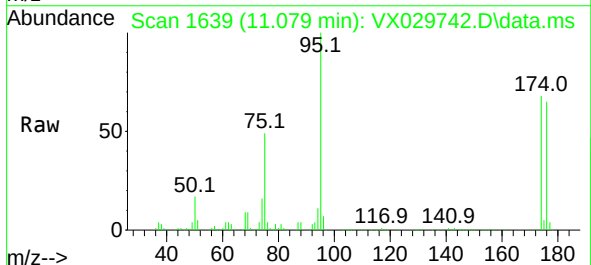
Instrument :
MSVOA_X
ClientSampleId :
MW-22DL

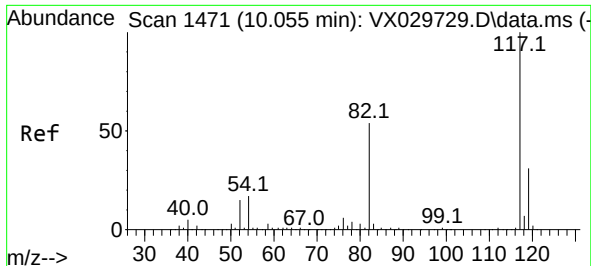
Tgt Ion: 69 Resp: 1339
Ion Ratio Lower Upper
69 100
41 84.8 43.8 65.6#
39 30.5 22.2 33.2



#62
4-Bromofluorobenzene
Concen: 44.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

Tgt Ion: 95 Resp: 178348
Ion Ratio Lower Upper
95 100
174 73.5 0.0 163.0
176 71.0 0.0 155.0

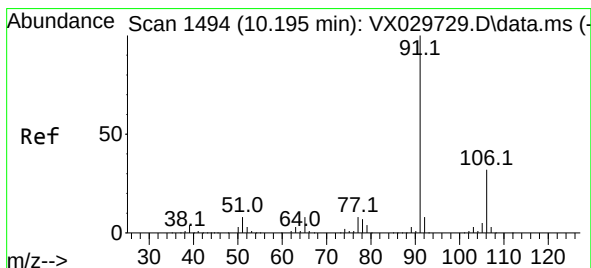
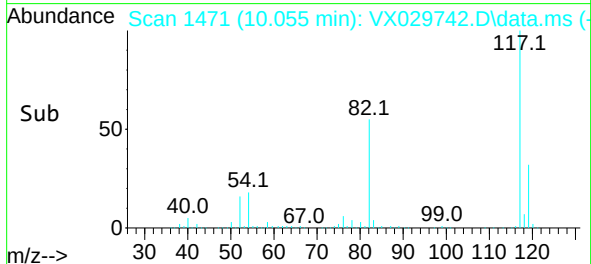
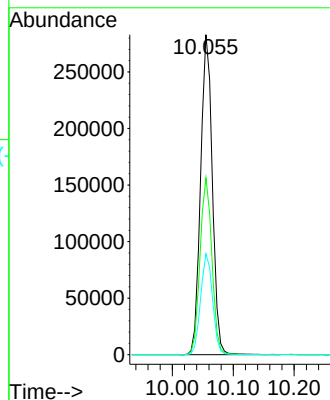
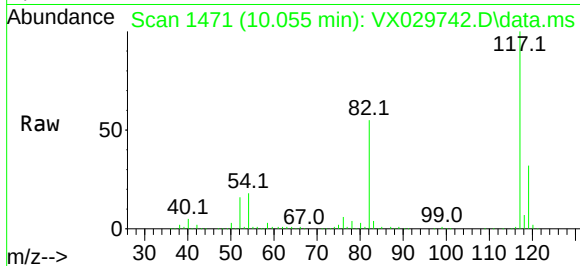




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

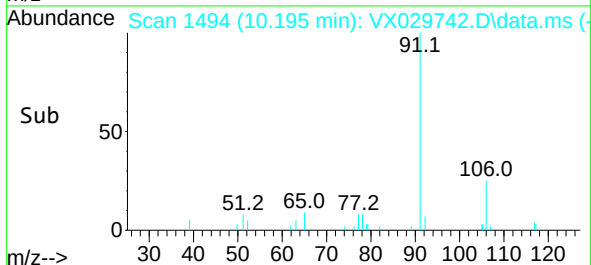
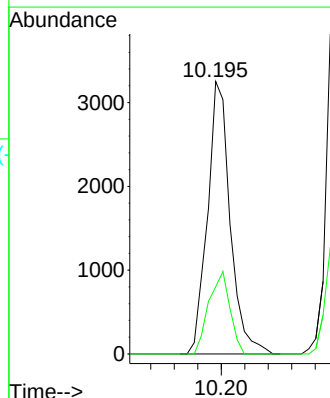
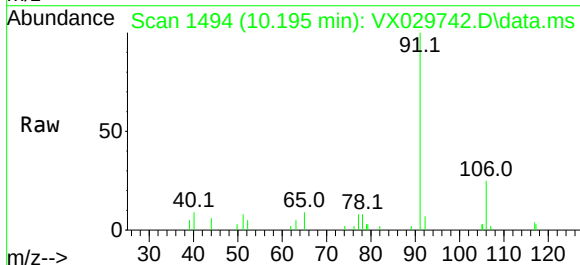
Instrument :
MSVOA_X
ClientSampleId :
MW-22DL

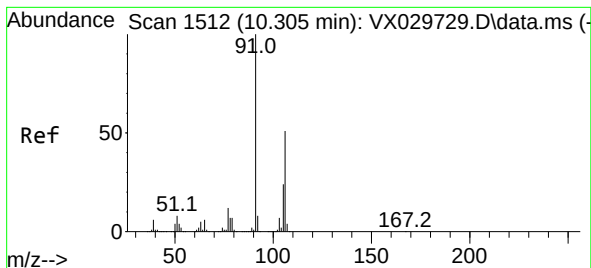
Tgt Ion:117 Resp: 379467
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.6 24.8 37.2



#67
Ethyl Benzene
Concen: 0.325 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

Tgt Ion: 91 Resp: 4359
Ion Ratio Lower Upper
91 100
106 24.6 24.6 36.8

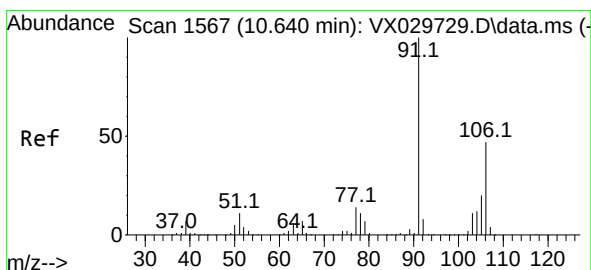
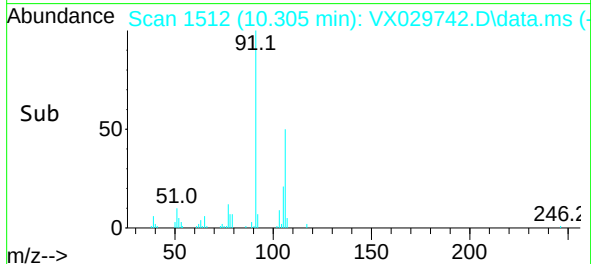
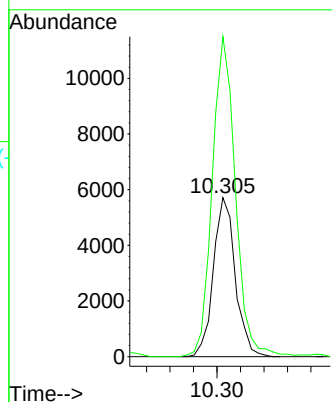
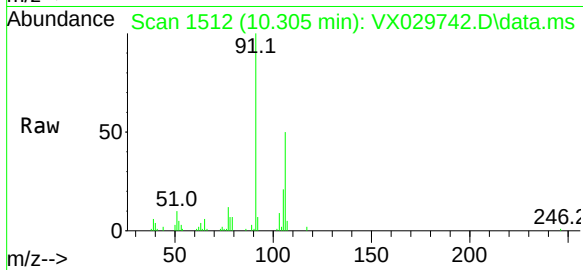




#68
m/p-Xylenes
Concen: 1.417 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

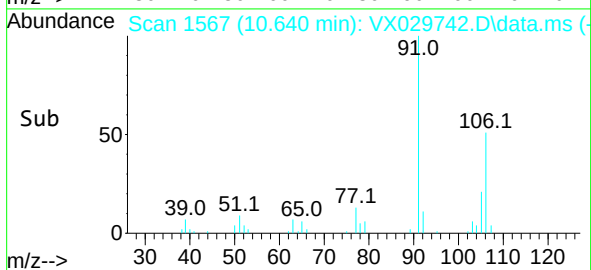
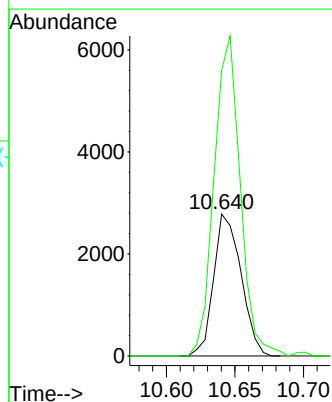
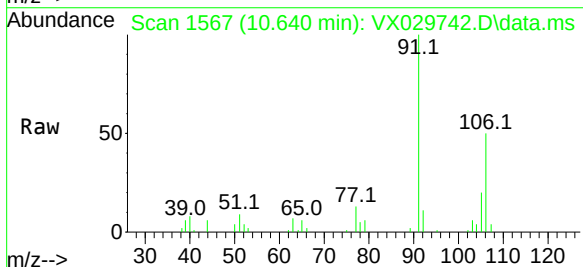
Instrument :
MSVOA_X
ClientSampleId :
MW-22DL

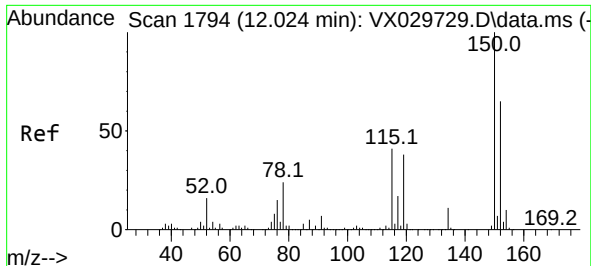
Tgt Ion:106 Resp: 7404
Ion Ratio Lower Upper
106 100
91 213.3 160.4 240.6



#69
o-Xylene
Concen: 0.750 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

Tgt Ion:106 Resp: 3870
Ion Ratio Lower Upper
106 100
91 215.3 106.1 318.1

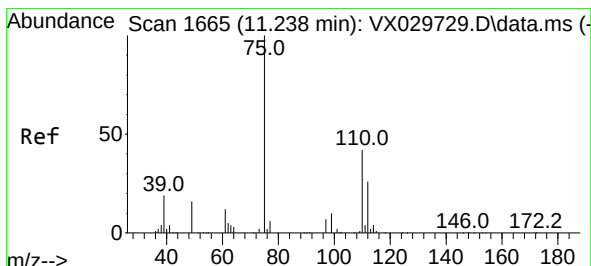
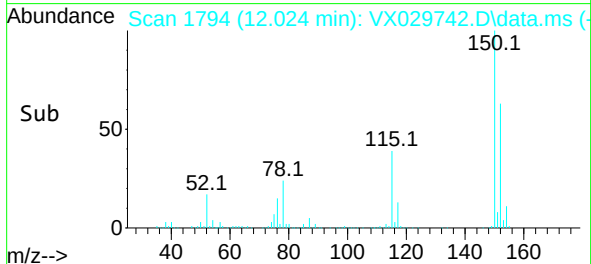
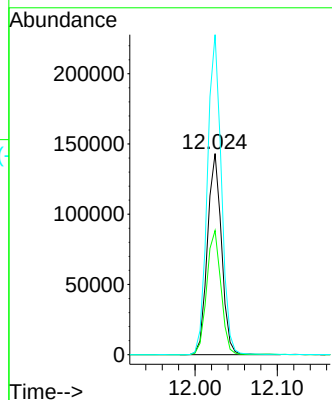
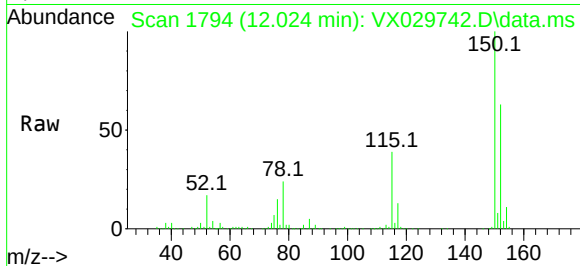




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029742.D
 Acq: 23 Jun 2022 14:31

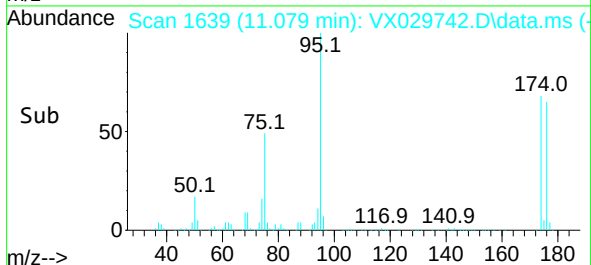
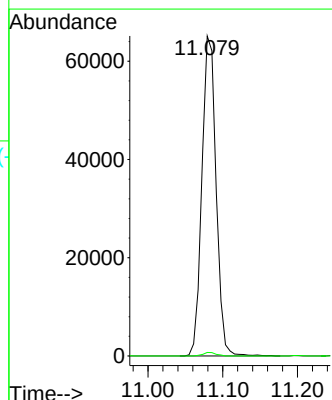
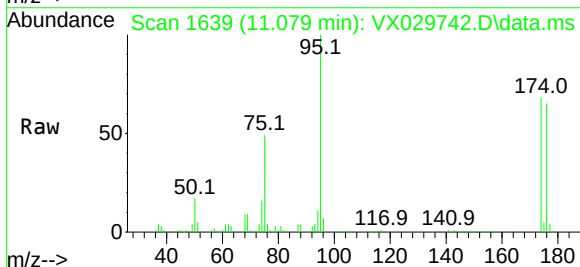
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22DL

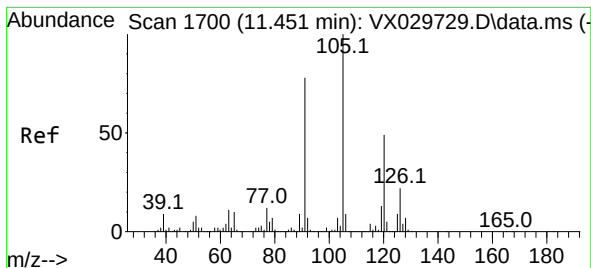
Tgt Ion:152 Resp: 170224
 Ion Ratio Lower Upper
 152 100
 115 62.3 37.5 112.7
 150 158.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.161 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029742.D
 Acq: 23 Jun 2022 14:31

Tgt Ion: 75 Resp: 85889
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#80

1,3,5-Trimethylbenzene

Concen: 0.814 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029742.D

Acq: 23 Jun 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

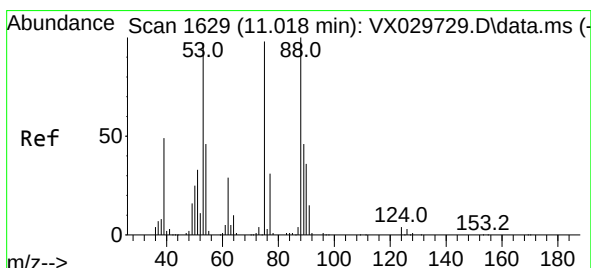
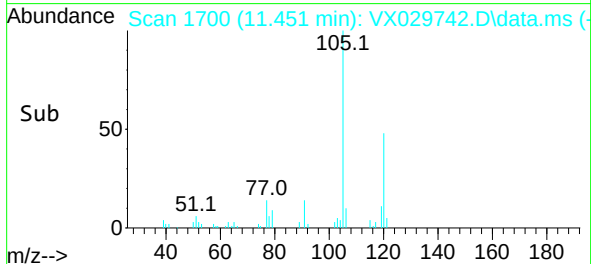
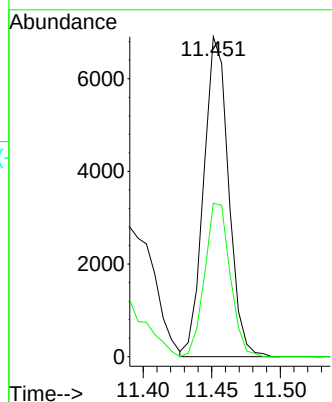
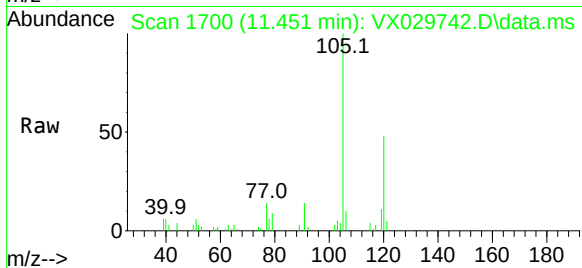
MW-22DL

Tgt Ion:105 Resp: 8746

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 77.051 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX029742.D

Acq: 23 Jun 2022 14:31

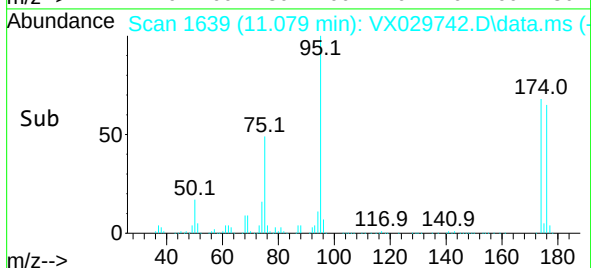
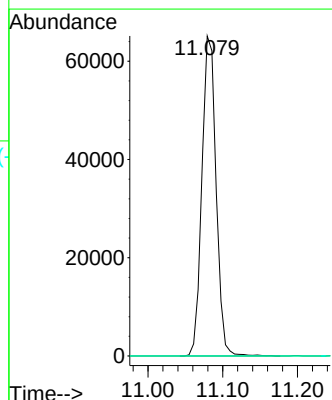
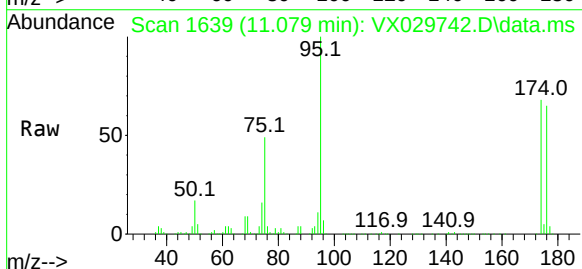
Tgt Ion: 75 Resp: 85889

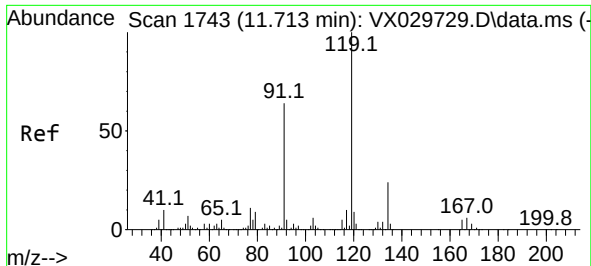
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

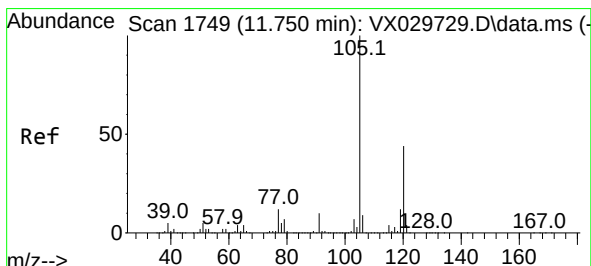
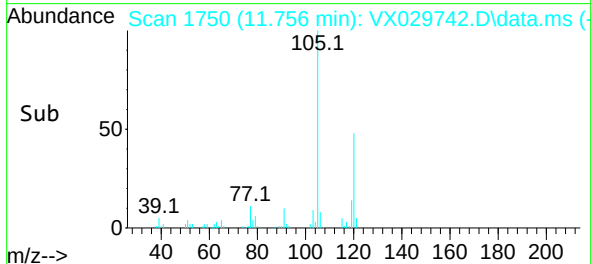
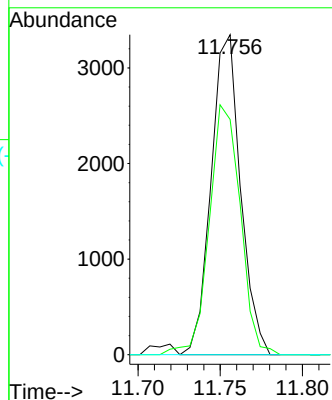
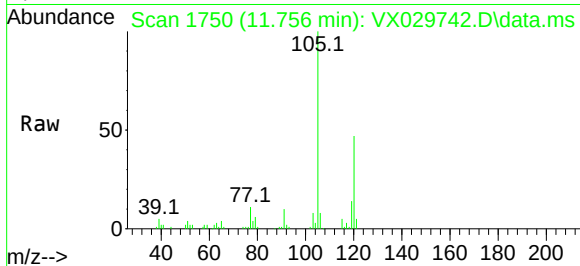




#83
tert-Butylbenzene
Concen: 0.398 ug/l
RT: 11.756 min Scan# 1743
Delta R.T. 0.037 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

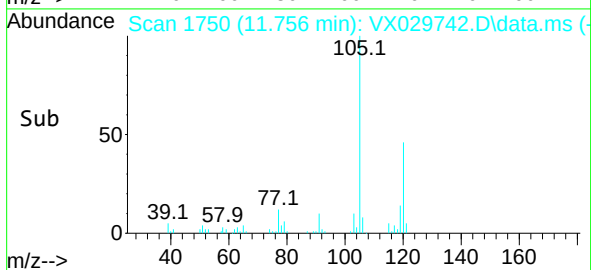
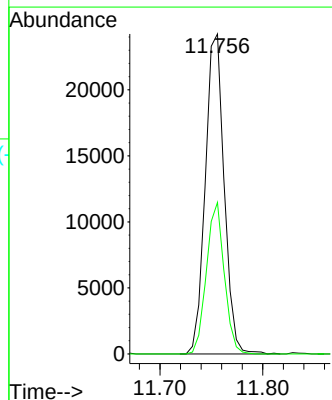
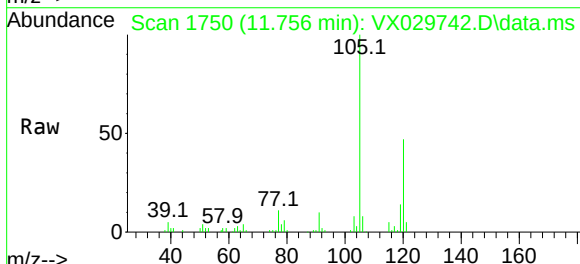
Instrument :
MSVOA_X
ClientSampleId :
MW-22DL

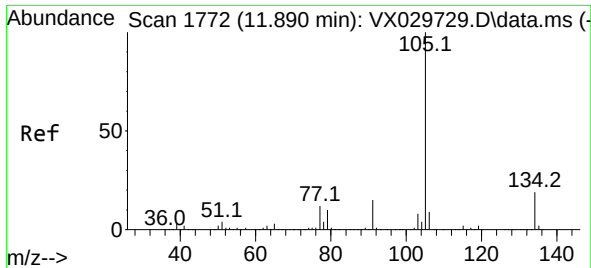
Tgt Ion:119 Resp: 4167
Ion Ratio Lower Upper
119 100
91 82.4 26.9 80.6#
134 0.0 11.4 34.2#



#84
1,2,4-Trimethylbenzene
Concen: 2.884 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029742.D
Acq: 23 Jun 2022 14:31

Tgt Ion:105 Resp: 30916
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.8

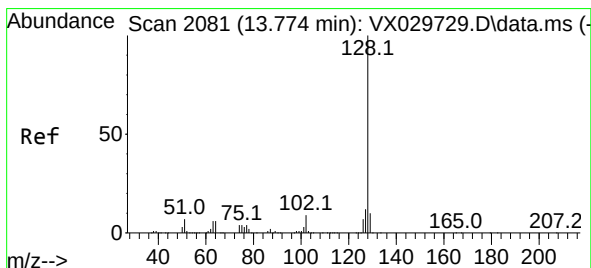
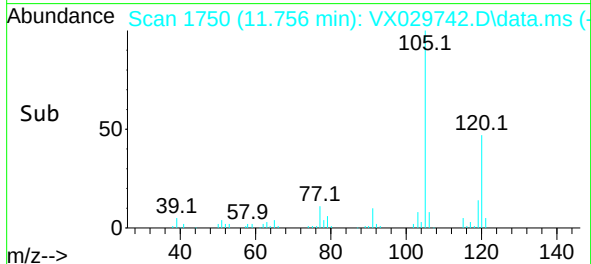
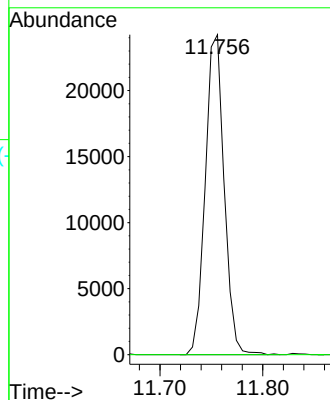
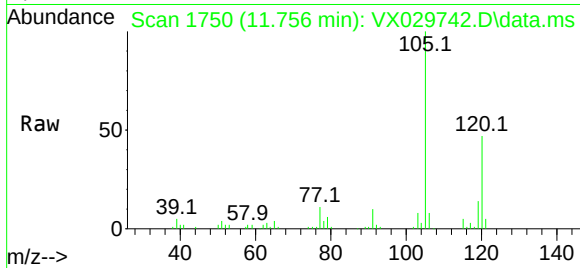




#85
 sec-Butylbenzene
 Concen: 2.380 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX029742.D
 Acq: 23 Jun 2022 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22DL

Tgt Ion:105 Resp: 30916
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#95
 Naphthalene
 Concen: 1.321 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX029742.D
 Acq: 23 Jun 2022 14:31

Tgt Ion:128 Resp: 15770
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.2 15.4
 129 10.9 8.7 13.1

