

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029571.D
 Acq On : 18 Jun 2022 15:49
 Operator : JC/MD
 Sample : N3325-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Jun 20 01:34:21 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)

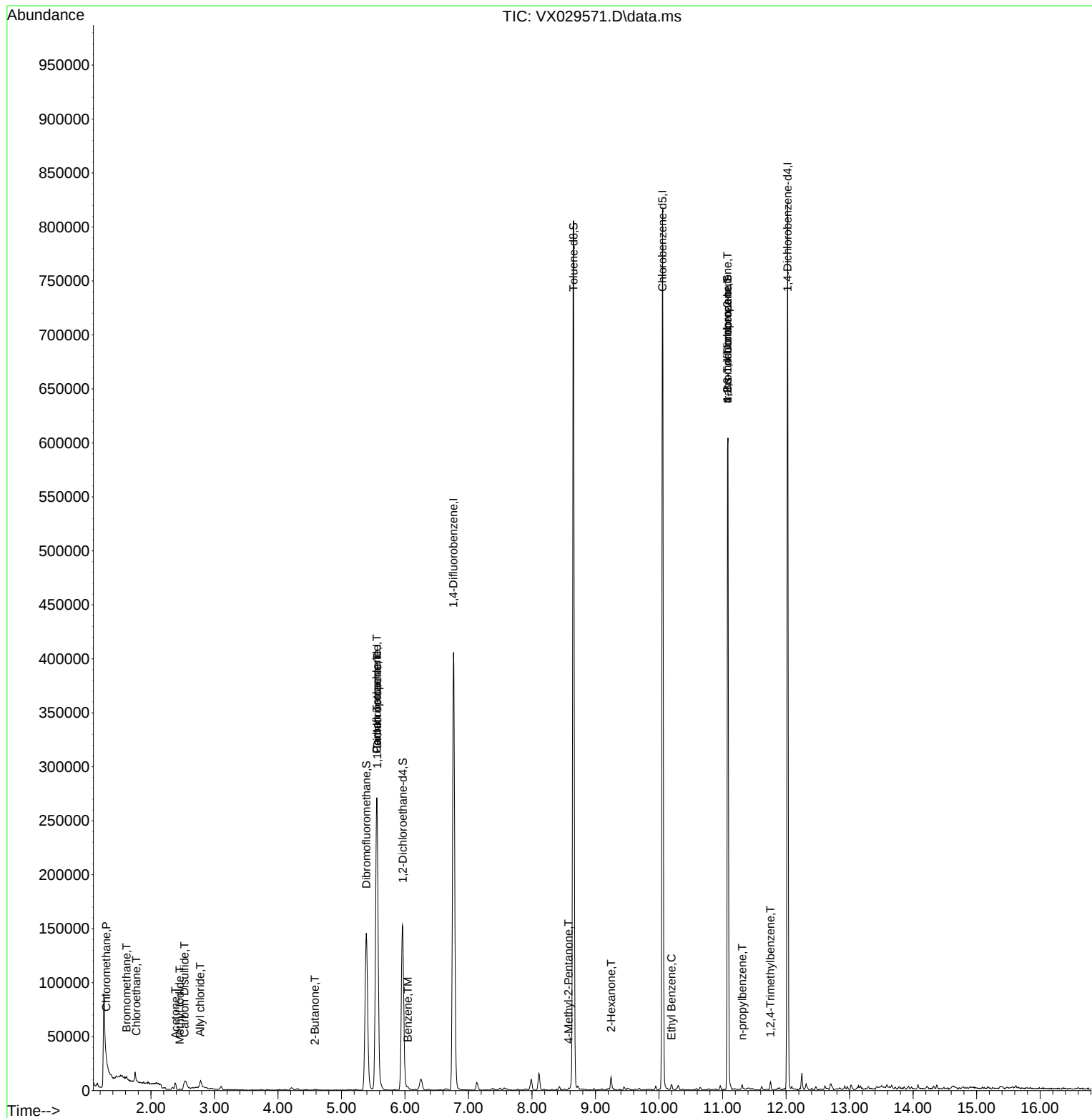
Internal Standards						
1) Pentafluorobenzene	5.556	168	258099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150281	43.986	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.980%
35) Dibromofluoromethane	5.391	113	128618	45.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.280%
50) Toluene-d8	8.653	98	487450	47.349	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.700%
62) 4-Bromofluorobenzene	11.079	95	177607	45.748	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1779	0.528	ug/l	92
5) Bromomethane	1.617	94	770	0.487	ug/l	82
6) Chloroethane	1.770	64	2443	2.275	ug/l #	43
10) Methyl Iodide	2.453	142	1019	3.328	ug/l #	88
11) Tert butyl alcohol	2.946	59	880	Below Cal	#	72
14) Allyl chloride	2.776	41	1793	0.425	ug/l #	63
16) Acetone	2.386	43	6757	4.962	ug/l	97
17) Carbon Disulfide	2.526	76	17169	2.533	ug/l	98
25) 2-Butanone	4.580	43	714	0.332	ug/l	90
36) 1,1-Dichloropropene	5.562	75	19960	5.233	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26121	6.964	ug/l #	15
40) Benzene	6.043	78	2889	0.256	ug/l	92
44) Trichloroethene	7.129	130	3048	Below Cal		97
51) 4-Methyl-2-Pentanone	8.574	43	1370	0.350	ug/l	99
59) 2-Hexanone	9.244	43	7135	2.405	ug/l	63
67) Ethyl Benzene	10.195	91	2801	0.211	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	87935	24.455	ug/l #	38
78) n-propylbenzene	11.311	91	3062	0.220	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	87935	81.354	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	3680	0.354	ug/l	86

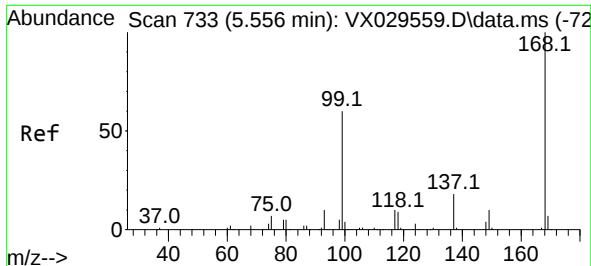
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

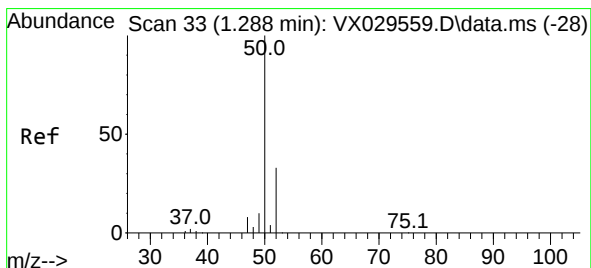
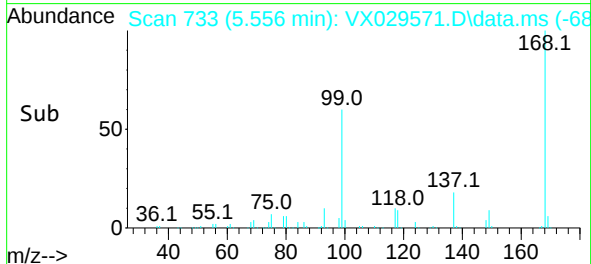
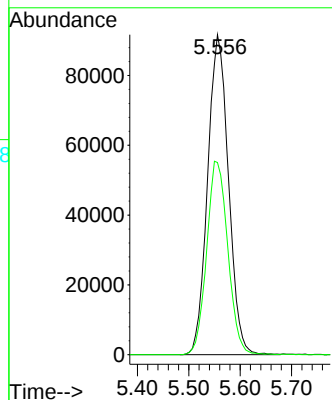
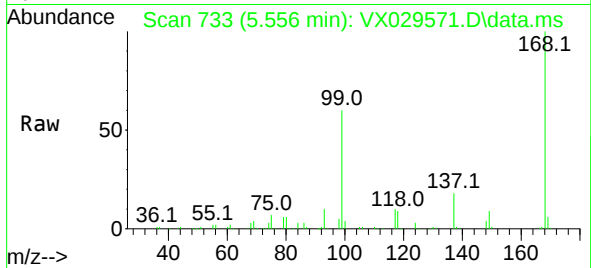




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

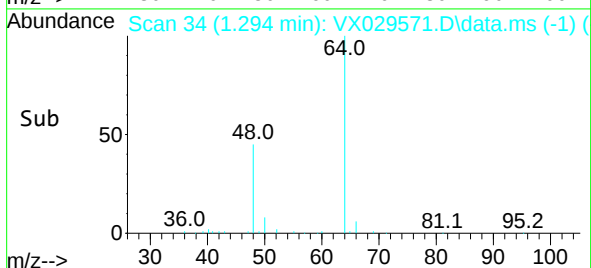
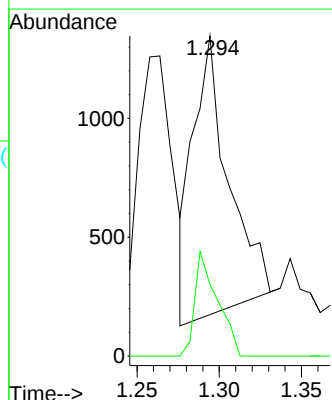
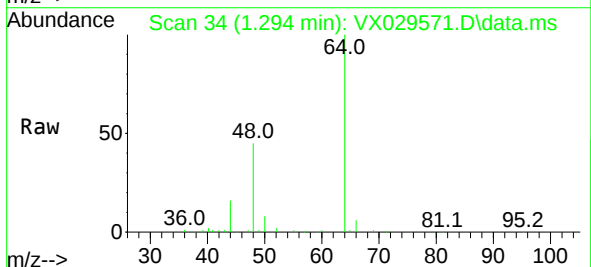
Instrument :
MSVOA_X
ClientSampleId :
MW-11

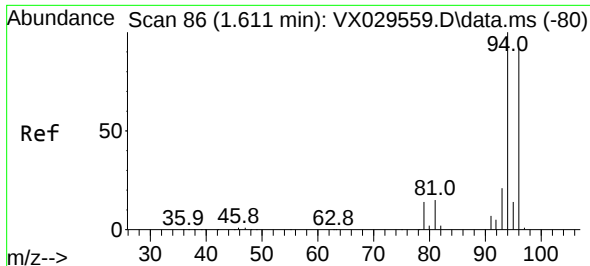
Tgt Ion:168 Resp: 258099
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#3
Chloromethane
Concen: 0.528 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

Tgt Ion: 50 Resp: 1779
Ion Ratio Lower Upper
50 100
52 28.4 26.4 39.6

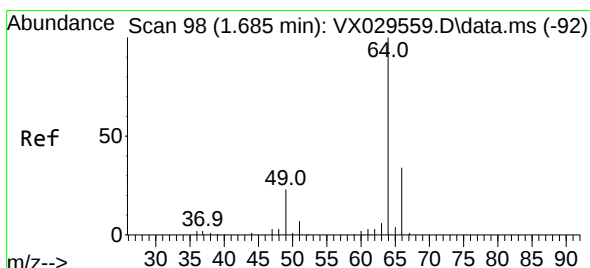
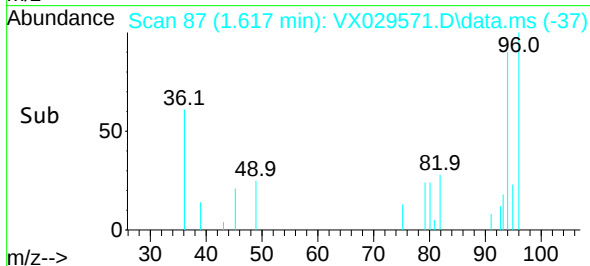
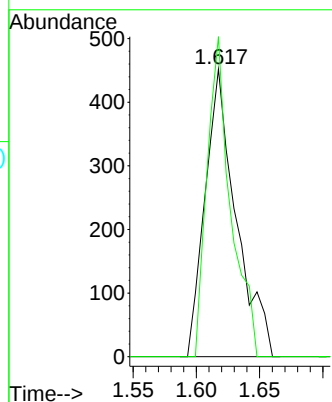
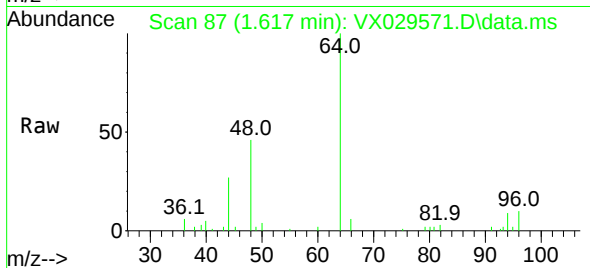




#5
Bromomethane
Concen: 0.487 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

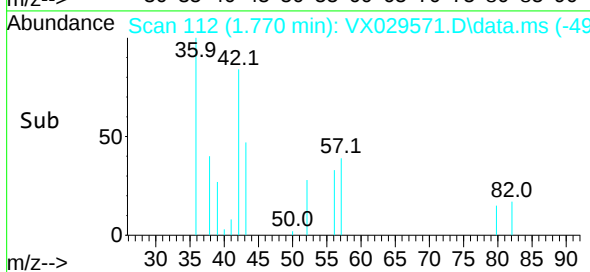
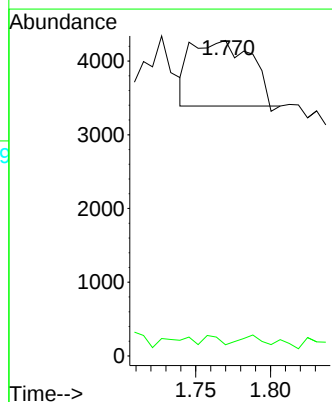
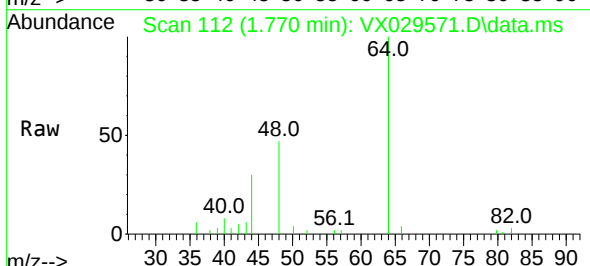
Instrument :
MSVOA_X
ClientSampleId :
MW-11

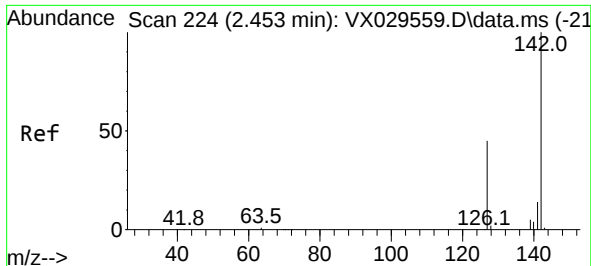
Tgt Ion: 94 Resp: 770
Ion Ratio Lower Upper
94 100
96 111.3 75.3 112.9



#6
Chloroethane
Concen: 2.275 ug/l
RT: 1.770 min Scan# 112
Delta R.T. 0.085 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

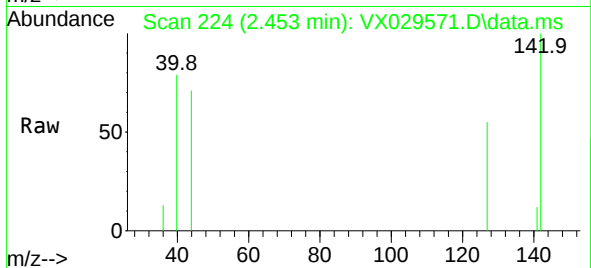
Tgt Ion: 64 Resp: 2443
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



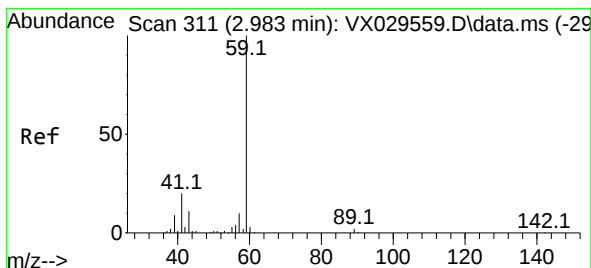
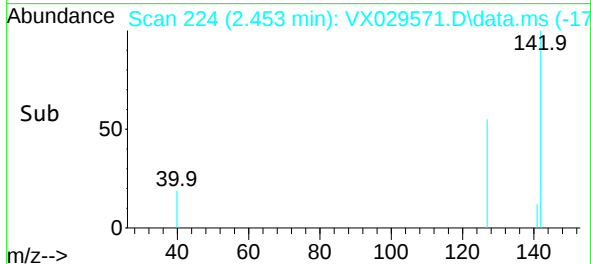
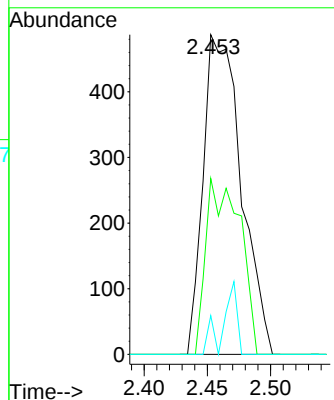


#10
Methyl Iodide
Concen: 3.328 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

Instrument :
MSVOA_X
ClientSampleId :
MW-11

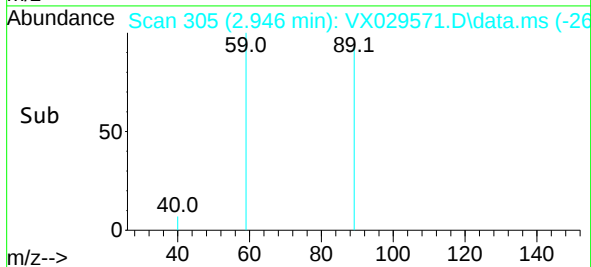
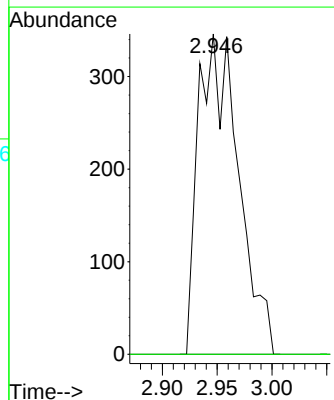
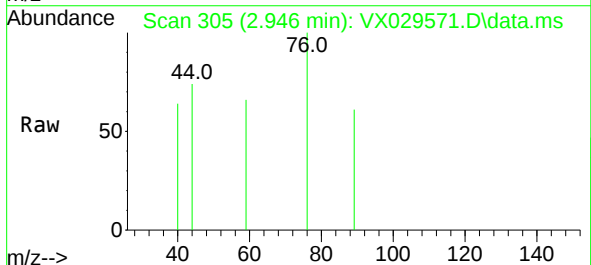


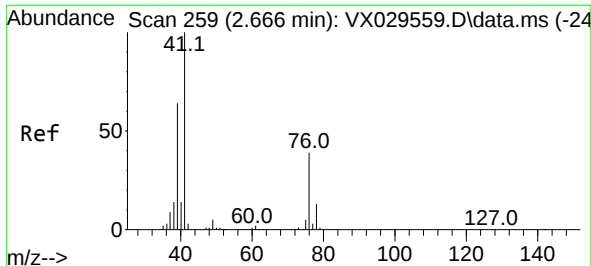
Tgt Ion:142 Resp: 1019
Ion Ratio Lower Upper
142 100
127 49.4 33.9 50.9
141 8.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

Tgt Ion: 59 Resp: 880
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

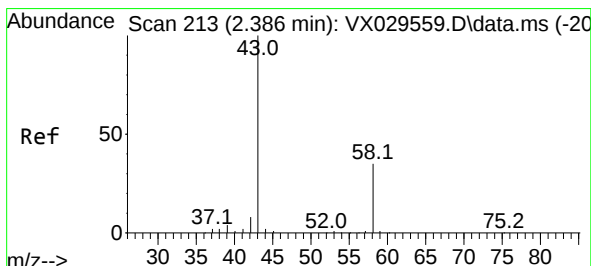
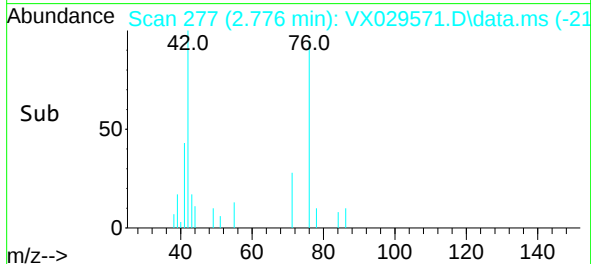
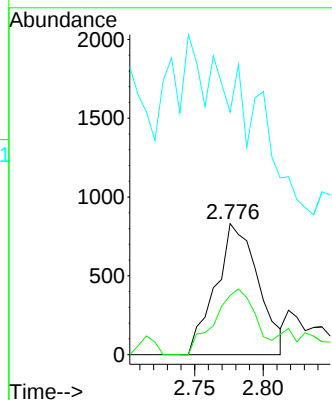
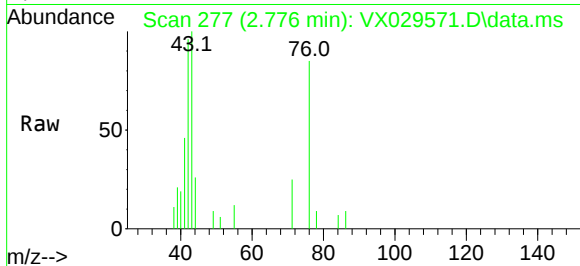




#14
 Allyl chloride
 Concen: 0.425 ug/l
 RT: 2.776 min Scan# 21
 Delta R.T. 0.110 min
 Lab File: VX029571.D
 Acq: 18 Jun 2022 15:49

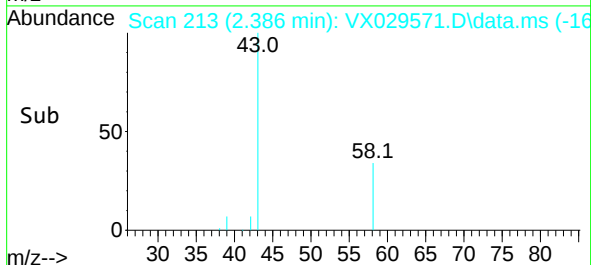
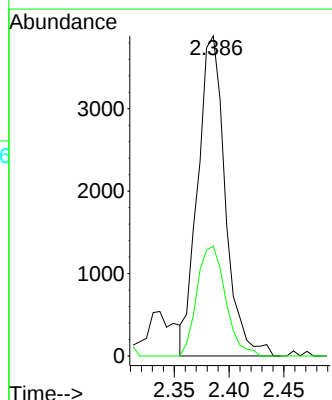
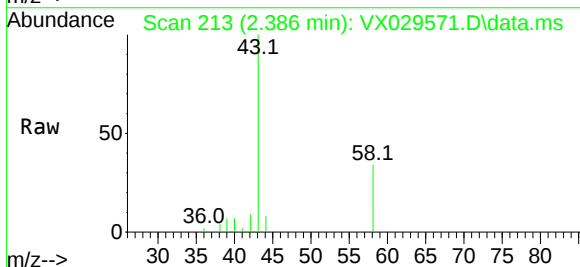
Instrument :
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 ClientSampleId :
 MW-11

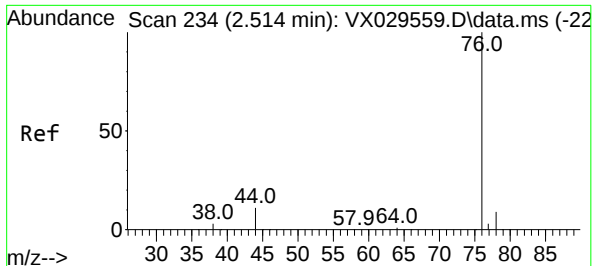
Tgt Ion: 41 Resp: 1793
 Ion Ratio Lower Upper
 41 100
 39 48.6 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 4.962 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX029571.D
 Acq: 18 Jun 2022 15:49

Tgt Ion: 43 Resp: 6757
 Ion Ratio Lower Upper
 43 100
 58 34.3 28.8 43.2

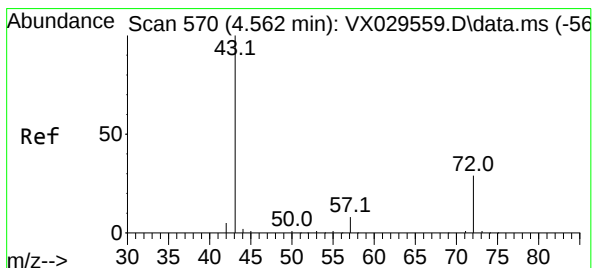
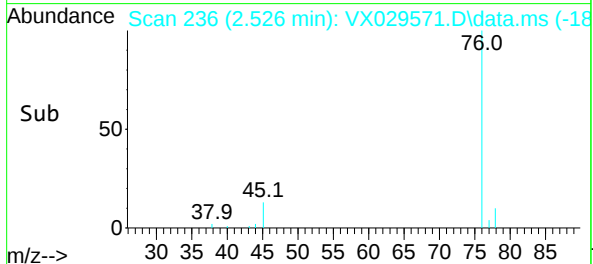
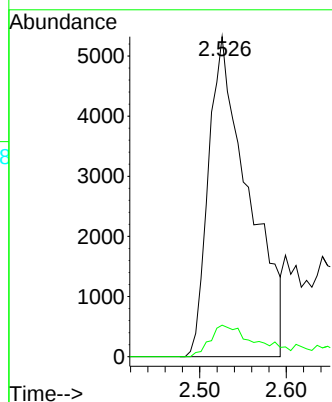
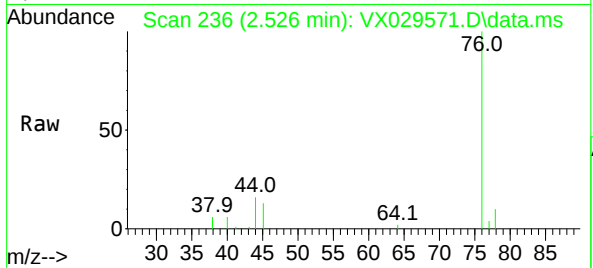




#17
Carbon Disulfide
Concen: 2.533 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

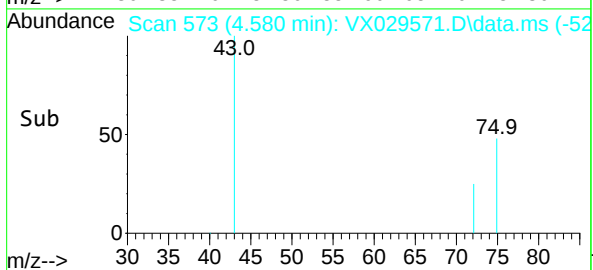
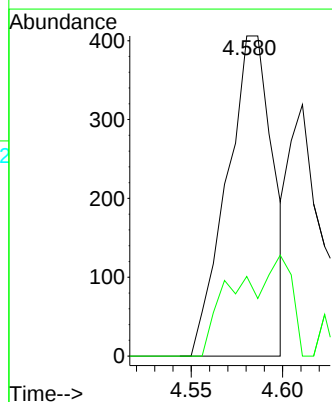
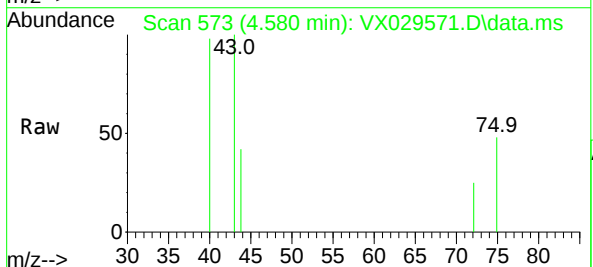
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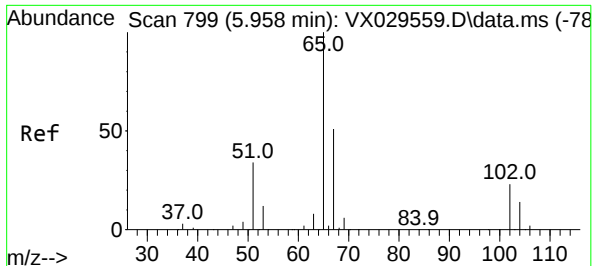
Tgt Ion: 76 Resp: 17169
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#25
2-Butanone
Concen: 0.332 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
72 24.9 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 43.986 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029571.D

Acq: 18 Jun 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

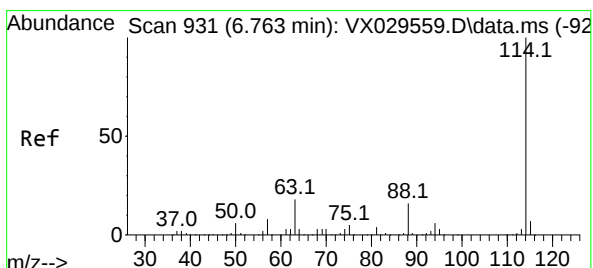
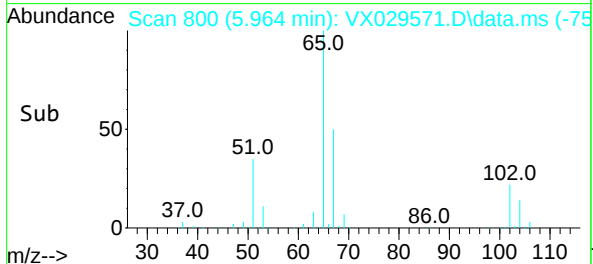
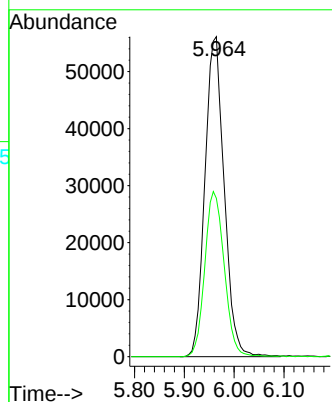
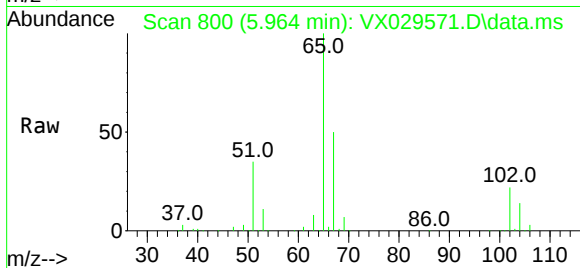
MW-11

Tgt Ion: 65 Resp: 150281

Ion Ratio Lower Upper

65 100

67 52.3 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: VX029571.D

Acq: 18 Jun 2022 15:49

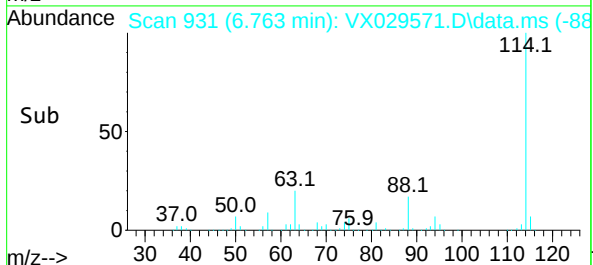
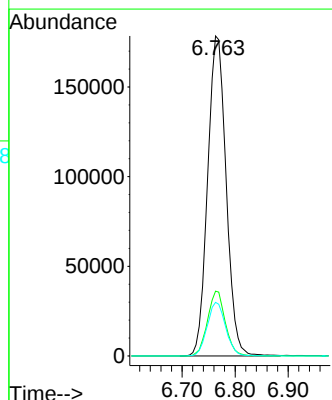
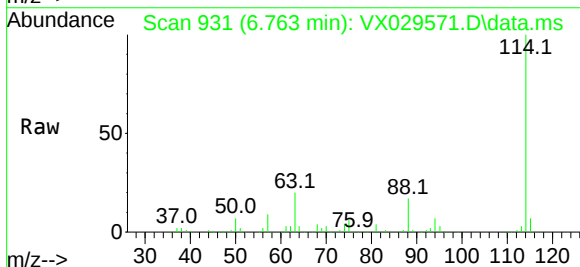
Tgt Ion: 114 Resp: 432423

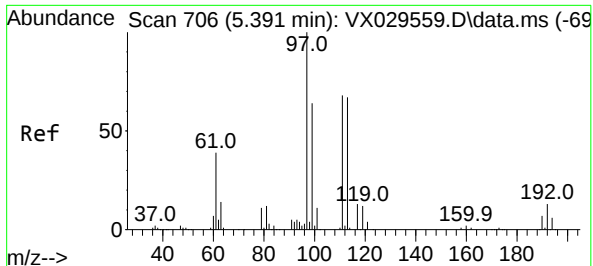
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.641 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029571.D

Acq: 18 Jun 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

MW-11

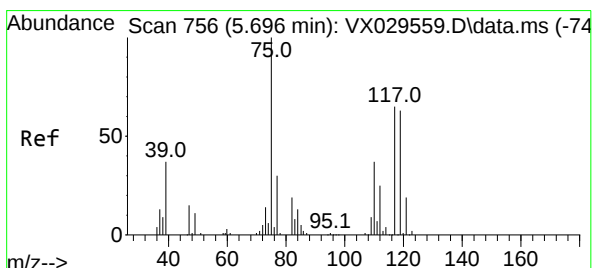
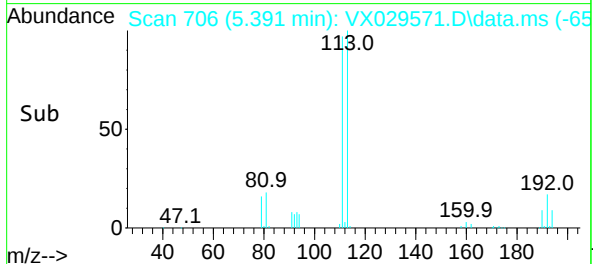
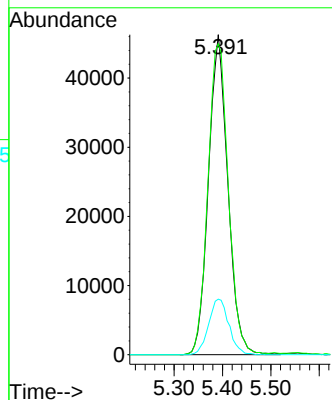
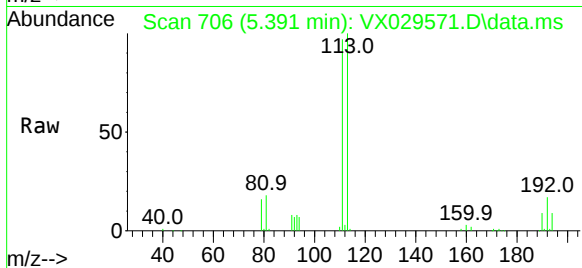
Tgt Ion:113 Resp: 128618

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 18.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.233 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX029571.D

Acq: 18 Jun 2022 15:49

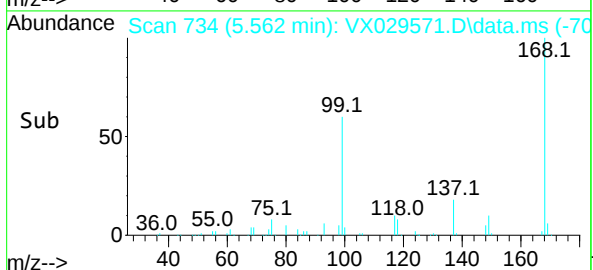
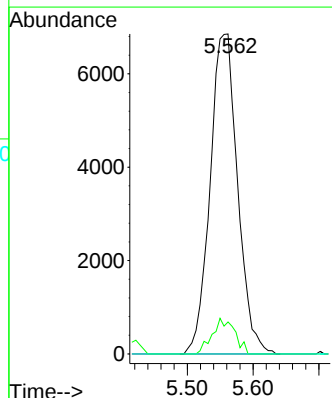
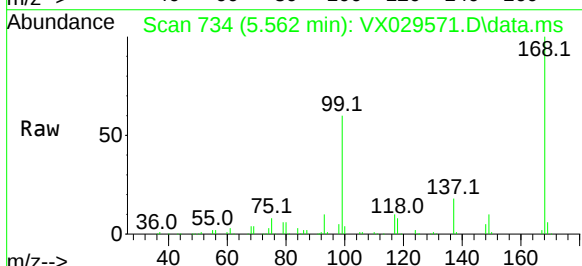
Tgt Ion: 75 Resp: 19960

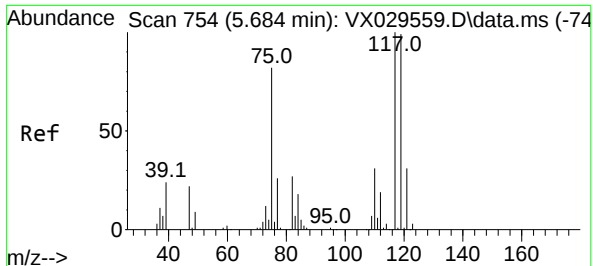
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 24.8 37.2#

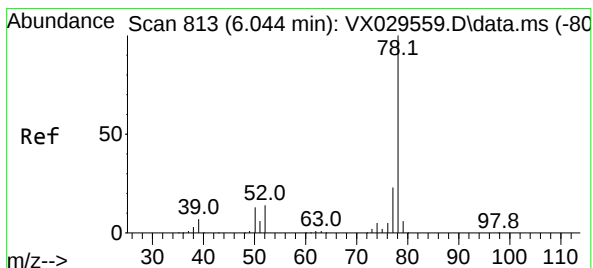
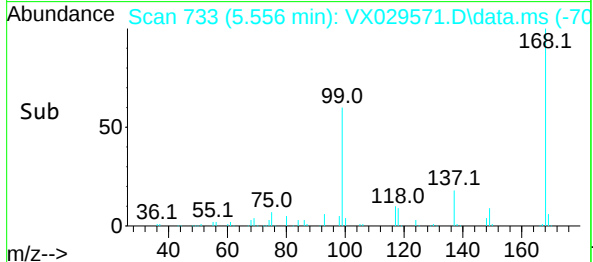
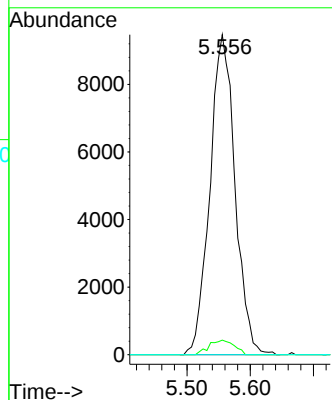
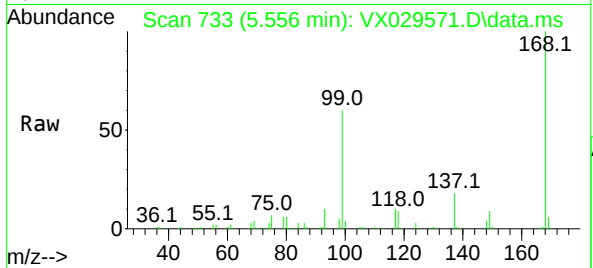




#38
Carbon Tetrachloride
Concen: 6.964 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

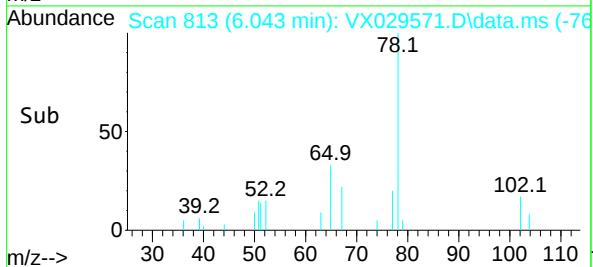
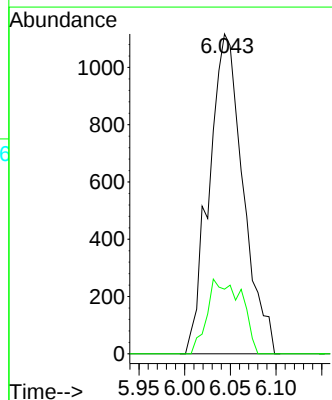
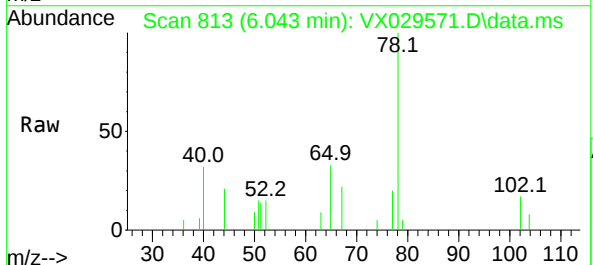
Instrument :
MSVOA_X
ClientSampleId :
MW-11

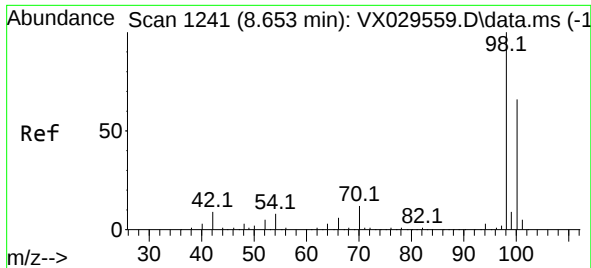
Tgt Ion:117 Resp: 26121
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.256 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

Tgt Ion: 78 Resp: 2889
Ion Ratio Lower Upper
78 100
77 20.2 19.3 28.9

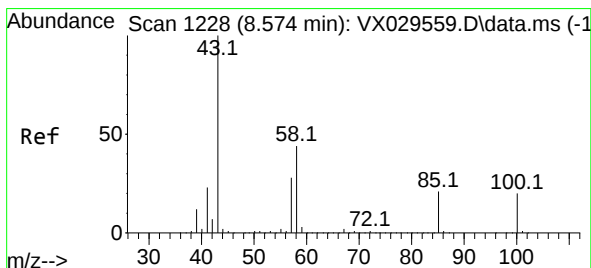
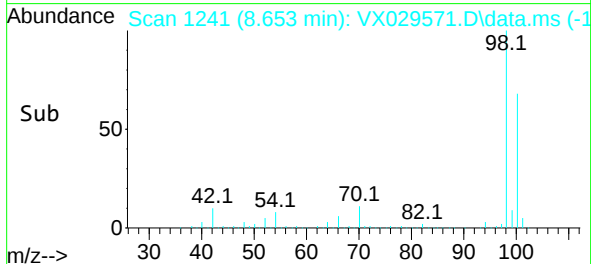
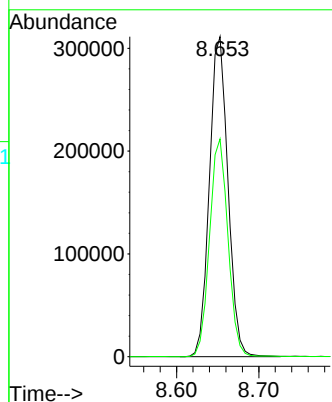
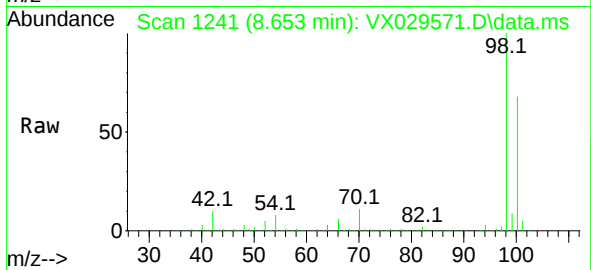




#50
Toluene-d8
Concen: 47.349 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

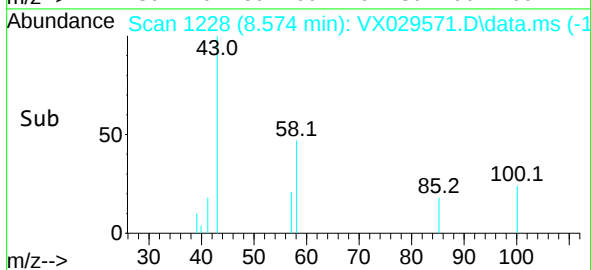
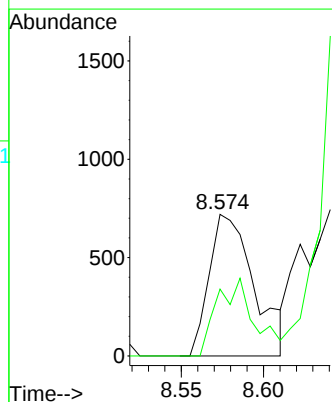
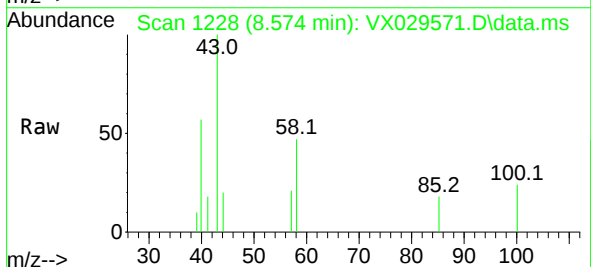
Instrument :
MSVOA_X
ClientSampleId :
MW-11

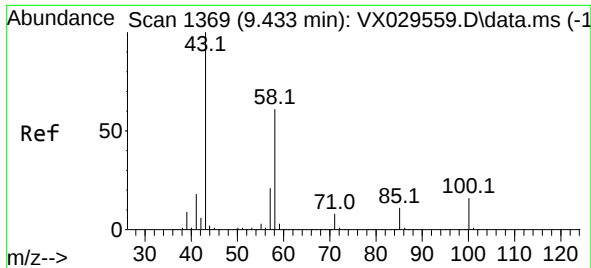
Tgt Ion: 98 Resp: 487450
Ion Ratio Lower Upper
98 100
100 67.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.350 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 45.7 36.1 54.1





#59

2-Hexanone

Concen: 2.405 ug/l

RT: 9.244 min Scan# 1

Delta R.T. -0.189 min

Lab File: VX029571.D

Acq: 18 Jun 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

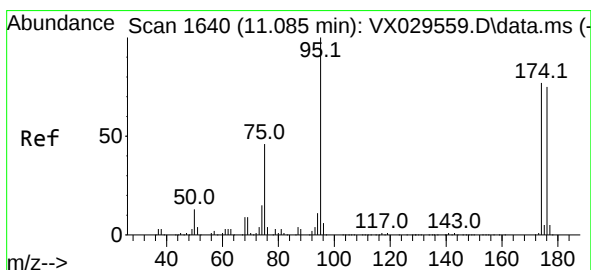
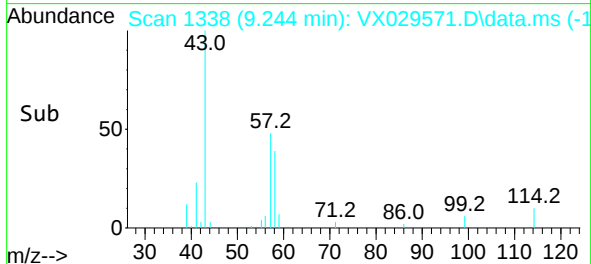
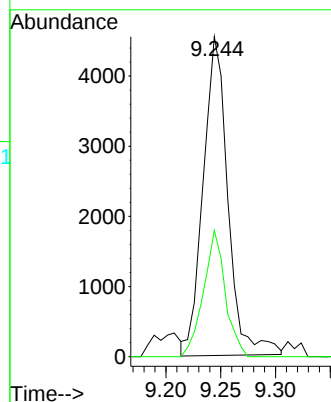
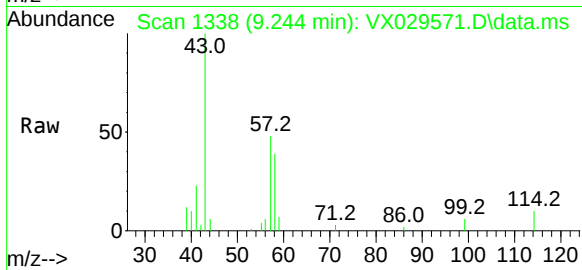
MW-11

Tgt Ion: 43 Resp: 7135

Ion Ratio Lower Upper

43 100

58 34.9 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 45.748 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029571.D

Acq: 18 Jun 2022 15:49

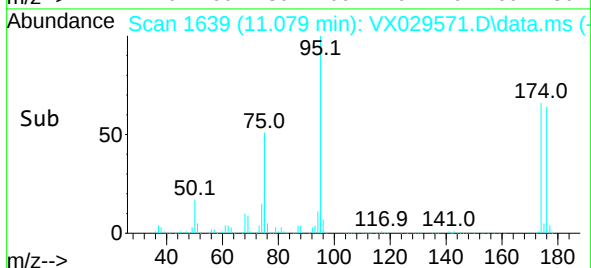
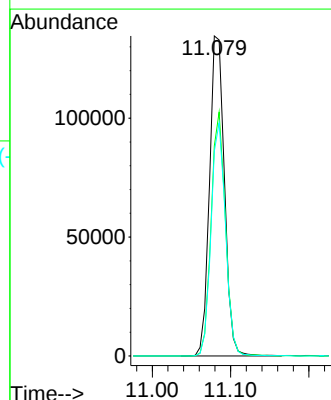
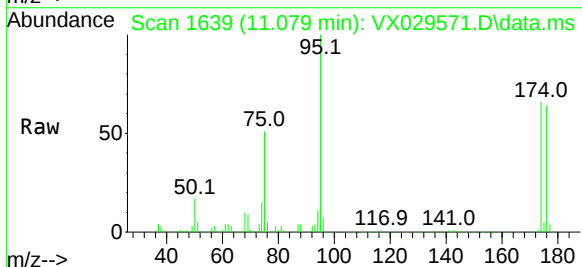
Tgt Ion: 95 Resp: 177607

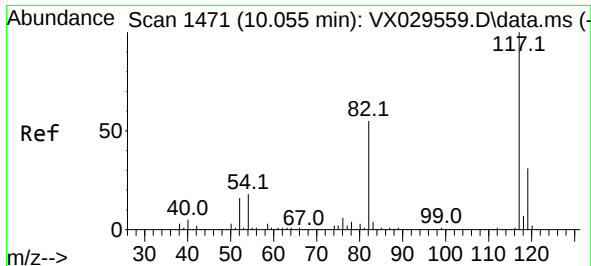
Ion Ratio Lower Upper

95 100

174 72.9 0.0 163.0

176 70.5 0.0 155.0

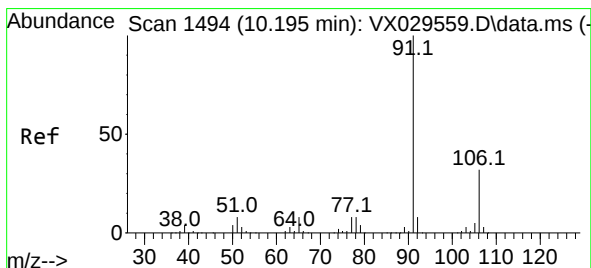
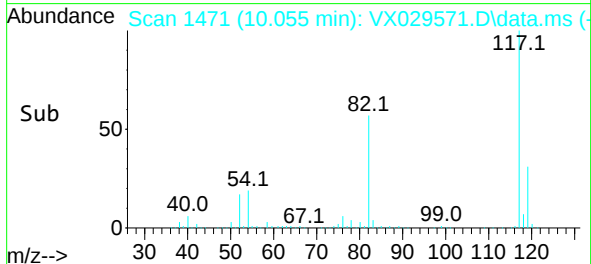
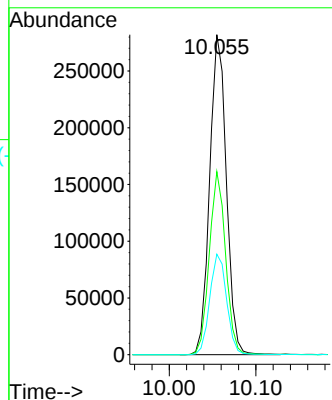
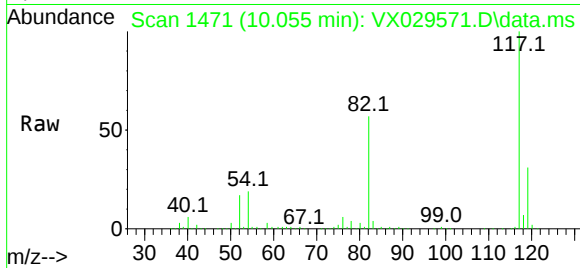




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

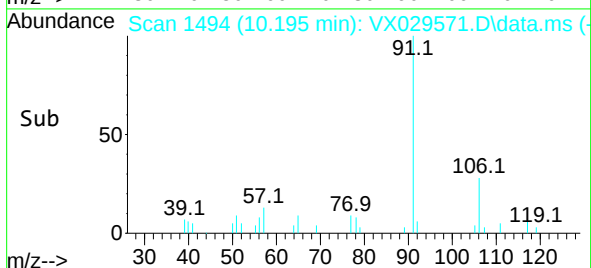
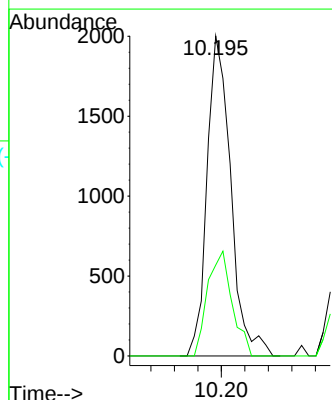
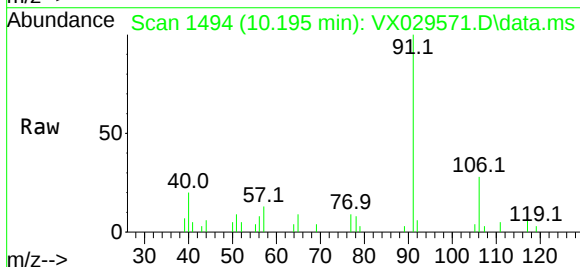
Instrument :
MSVOA_X
ClientSampleId :
MW-11

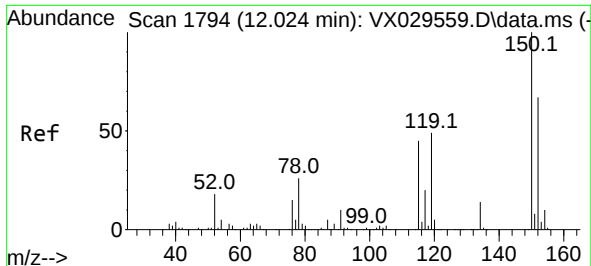
Tgt Ion:117 Resp: 376878
Ion Ratio Lower Upper
117 100
82 57.2 41.8 62.8
119 31.4 24.8 37.2



#67
Ethyl Benzene
Concen: 0.211 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

Tgt Ion: 91 Resp: 2801
Ion Ratio Lower Upper
91 100
106 28.4 24.6 36.8

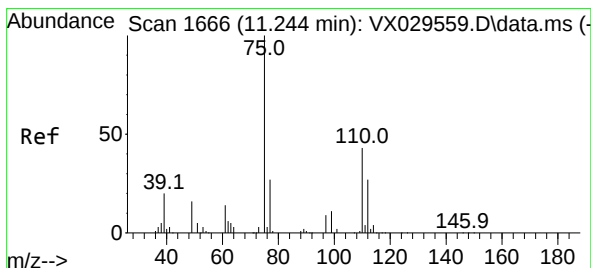
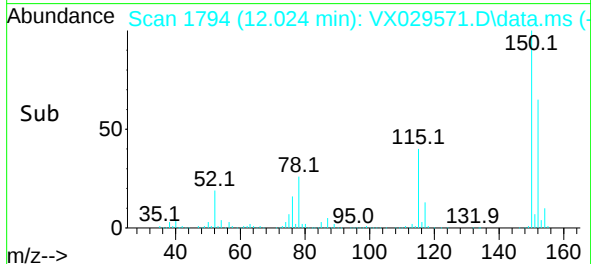
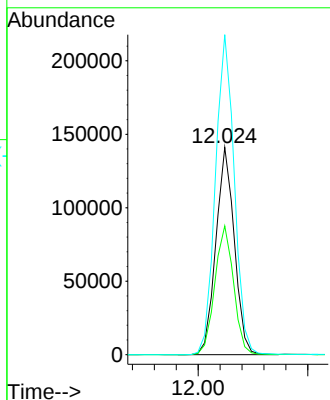
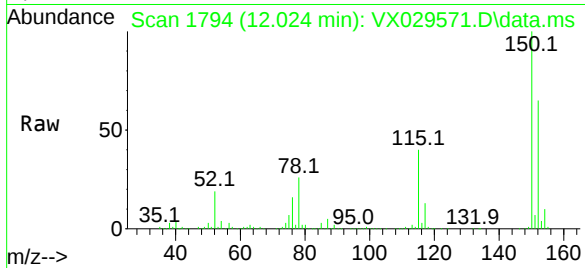




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

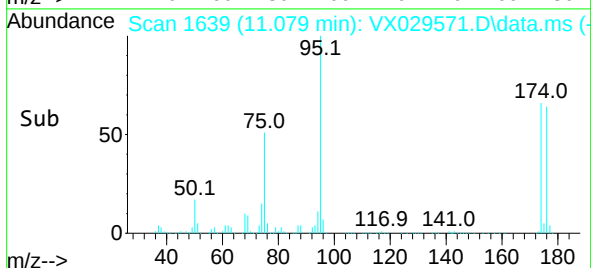
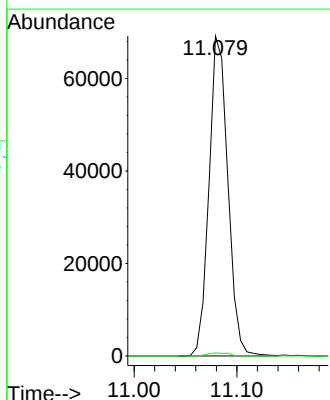
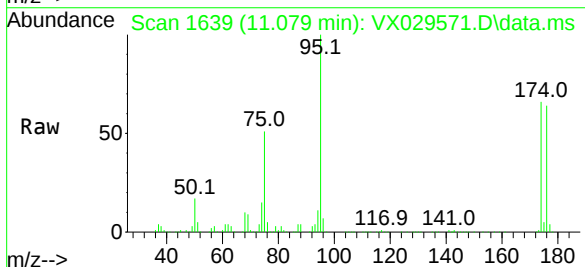
Instrument :
MSVOA_X
ClientSampleId :
MW-11

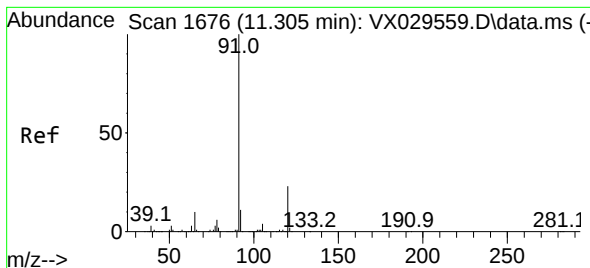
Tgt Ion:152 Resp: 165061
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 158.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029571.D
Acq: 18 Jun 2022 15:49

Tgt Ion: 75 Resp: 87935
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#78

n-propylbenzene

Concen: 0.220 ug/l

RT: 11.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029571.D

Acq: 18 Jun 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

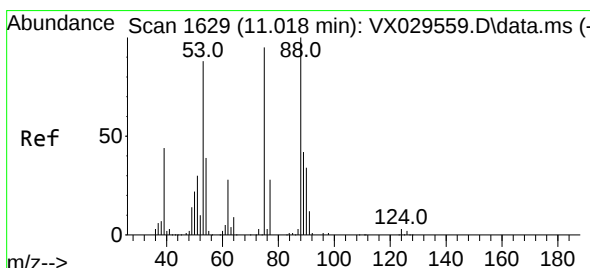
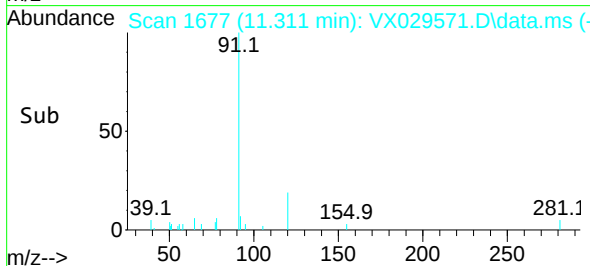
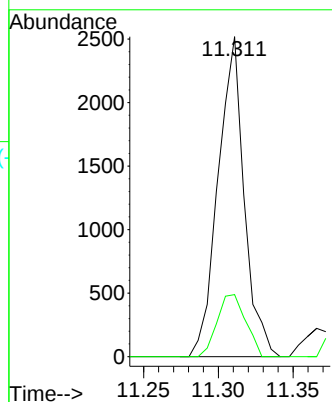
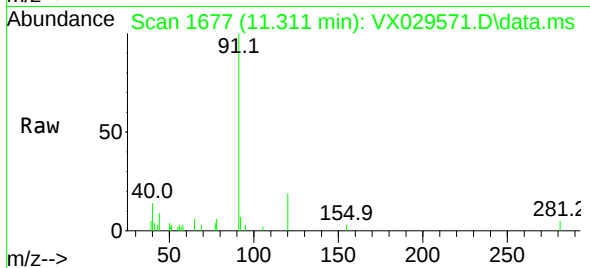
MW-11

Tgt Ion: 91 Resp: 3062

Ion Ratio Lower Upper

91 100

120 21.1 11.6 34.8



#81

trans-1,4-Dichloro-2-butene

Concen: 81.354 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX029571.D

Acq: 18 Jun 2022 15:49

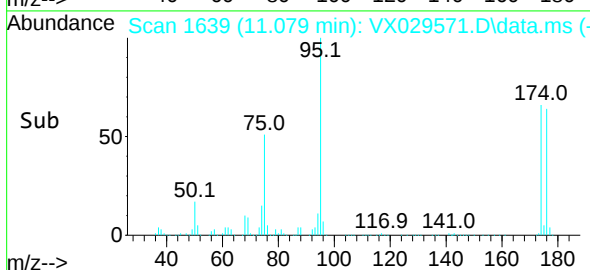
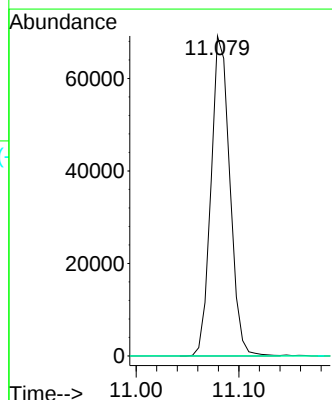
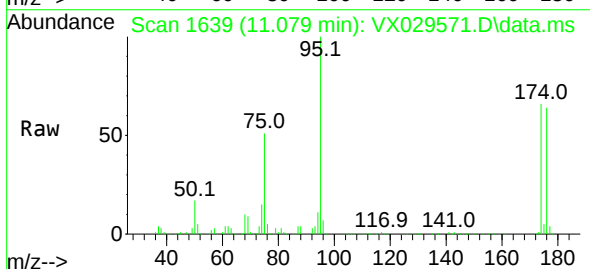
Tgt Ion: 75 Resp: 87935

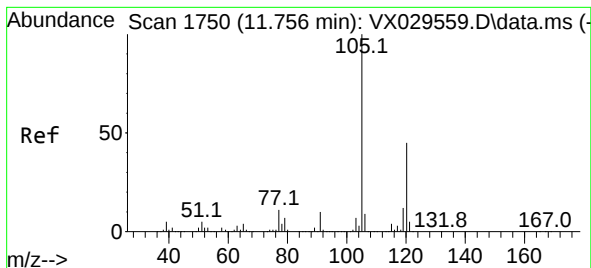
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.354 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029571.D

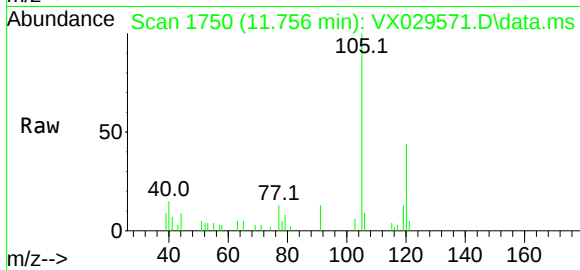
Acq: 18 Jun 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

MW-11



Tgt Ion:105 Resp: 3680

Ion Ratio Lower Upper

105 100

120 36.2 22.6 67.8

