

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029244.D
 Acq On : 06 Jun 2022 17:30
 Operator : JC/MD
 Sample : N3160-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Jun 07 06:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

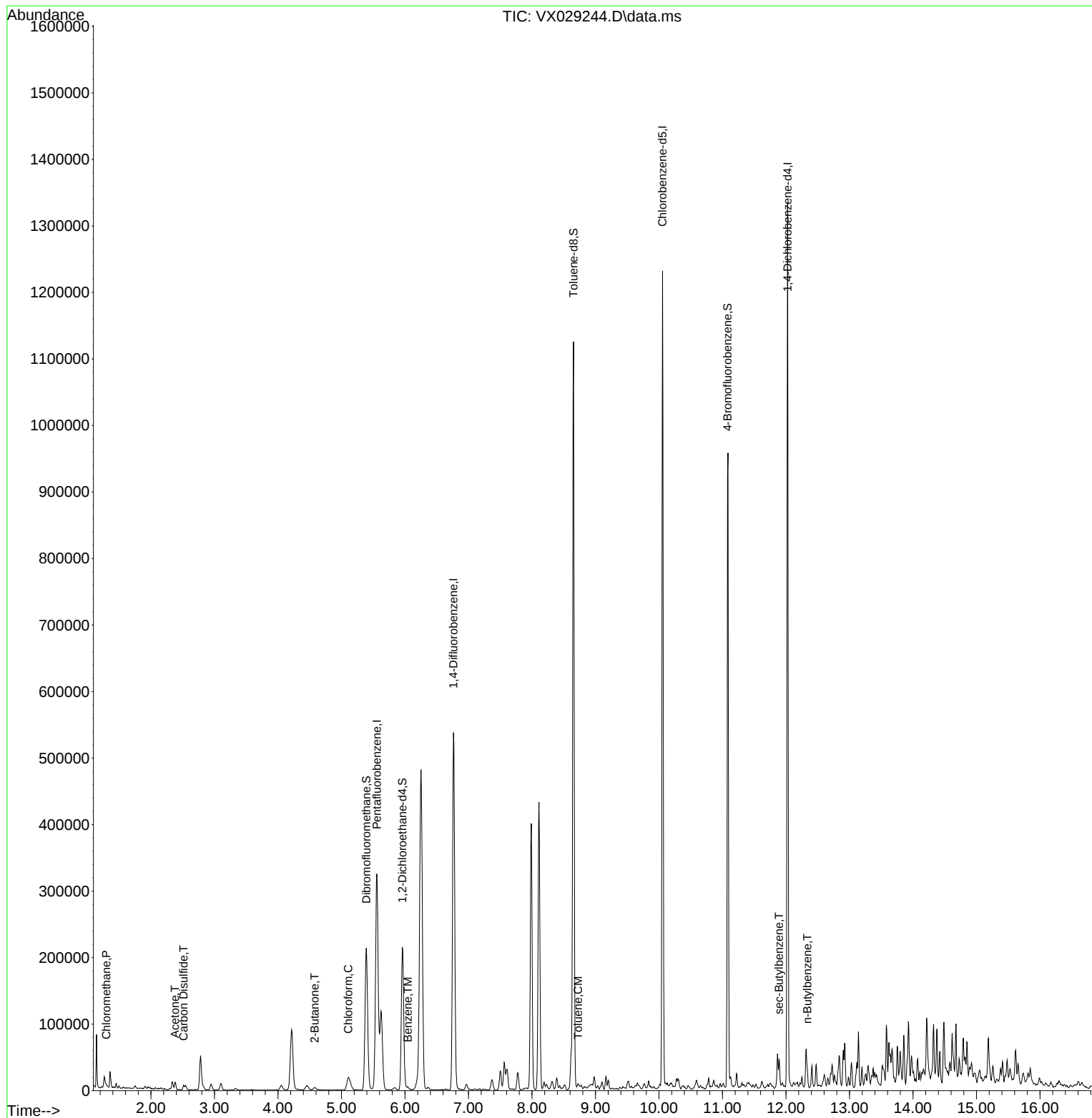
Internal Standards						
1) Pentafluorobenzene	5.556	168	303213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	553314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207430	60.667	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	121.340%
35) Dibromofluoromethane	5.391	113	188991	50.062	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.120%
50) Toluene-d8	8.653	98	681744	49.376	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	277890	52.067	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.140%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	1332	0.483	ug/l	100
16) Acetone	2.380	43	12194	9.057	ug/l	98
17) Carbon Disulfide	2.514	76	8171	1.090	ug/l #	94
25) 2-Butanone	4.574	43	3658	1.684	ug/l	95
30) Chloroform	5.105	83	16698	2.966	ug/l	98
40) Benzene	6.044	78	4144	0.288	ug/l #	85
52) Toluene	8.726	92	2632	0.274	ug/l	83
85) sec-Butylbenzene	11.890	105	20911	1.146	ug/l #	56
89) n-Butylbenzene	12.335	91	11945	0.923	ug/l #	68

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

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MW-5

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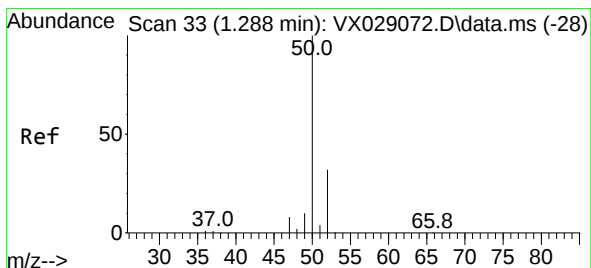
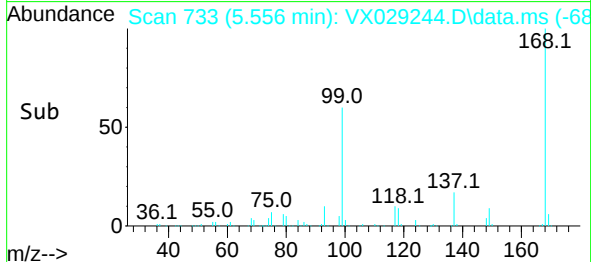
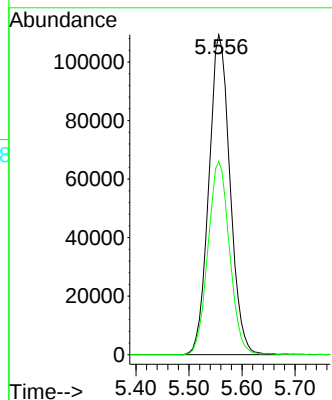
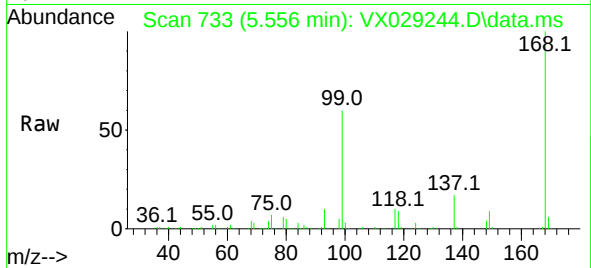




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

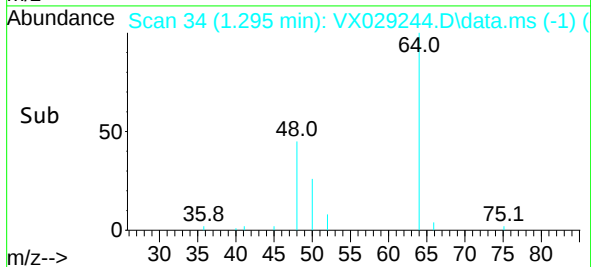
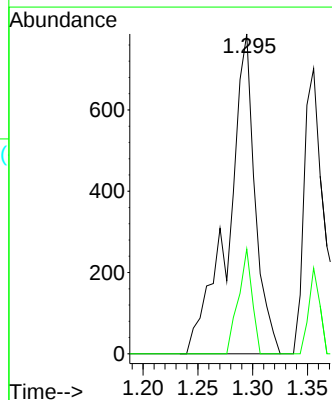
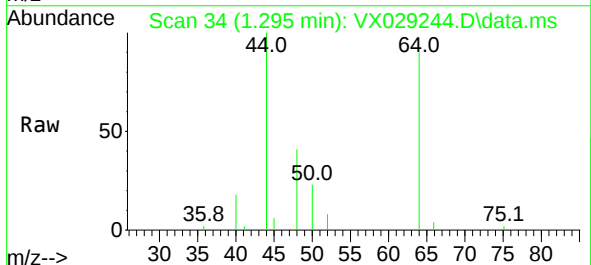
Instrument :
MSVOA_X
ClientSampleId :
MW-5

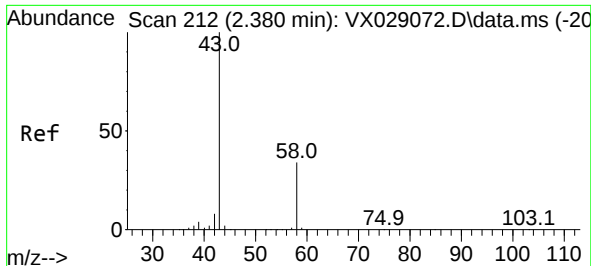
Tgt Ion:168 Resp: 303213
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#3
Chloromethane
Concen: 0.483 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

Tgt Ion: 50 Resp: 1332
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6

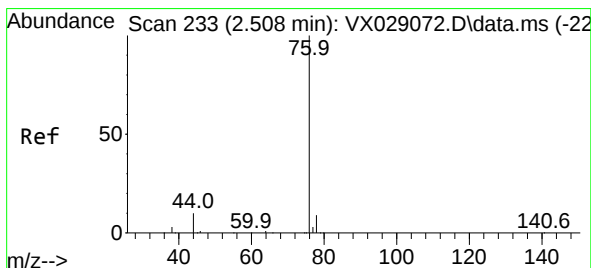
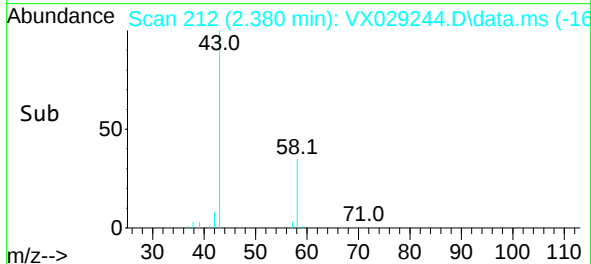
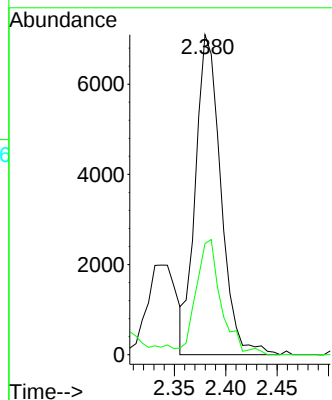
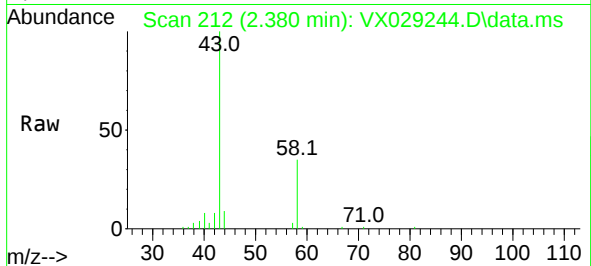




#16
Acetone
Concen: 9.057 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

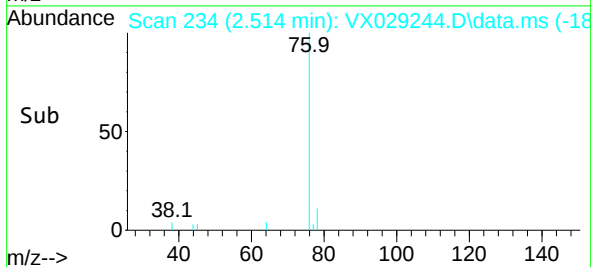
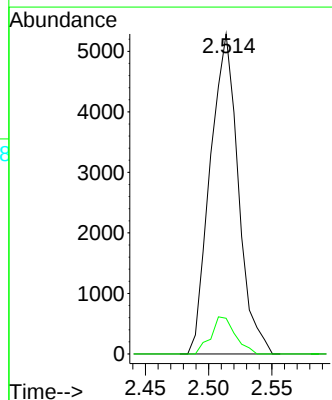
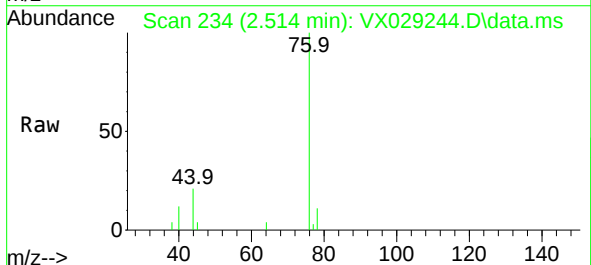
Instrument :
MSVOA_X
ClientSampleId :
MW-5

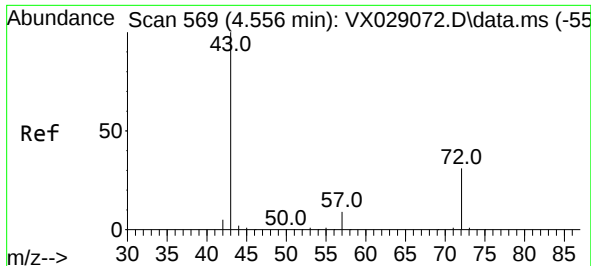
Tgt Ion: 43 Resp: 12194
Ion Ratio Lower Upper
43 100
58 34.7 28.8 43.2



#17
Carbon Disulfide
Concen: 1.090 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

Tgt Ion: 76 Resp: 8171
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#





#25

2-Butanone

Concen: 1.684 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX029244.D

Acq: 06 Jun 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

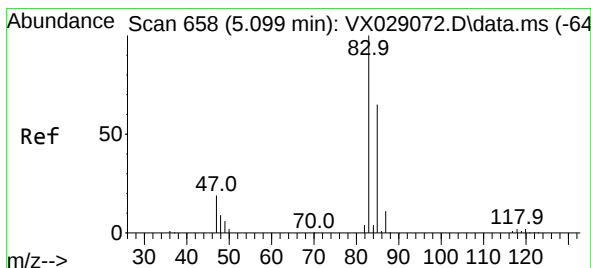
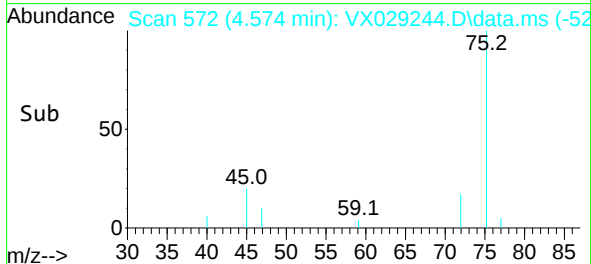
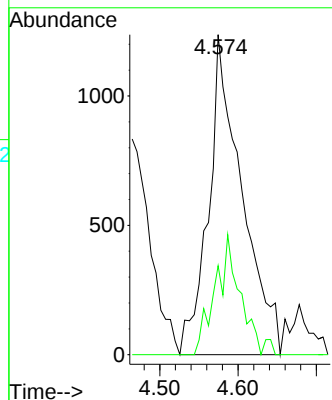
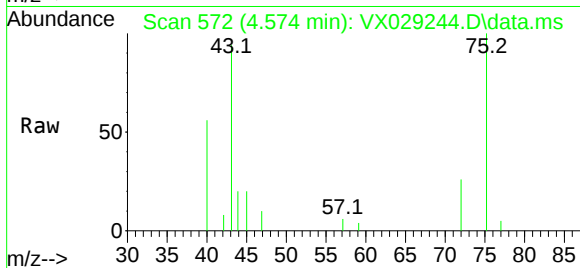
MW-5

Tgt Ion: 43 Resp: 3658

Ion Ratio Lower Upper

43 100

72 27.8 24.4 36.6



#30

Chloroform

Concen: 2.966 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX029244.D

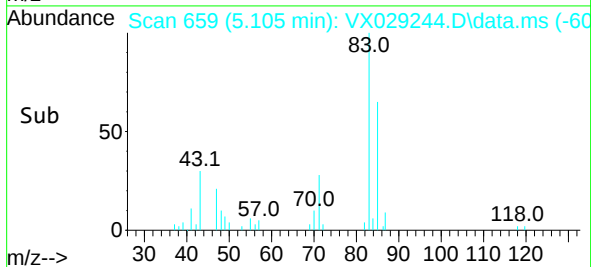
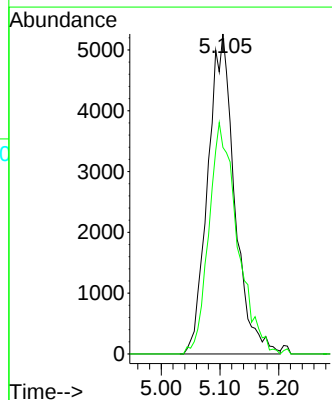
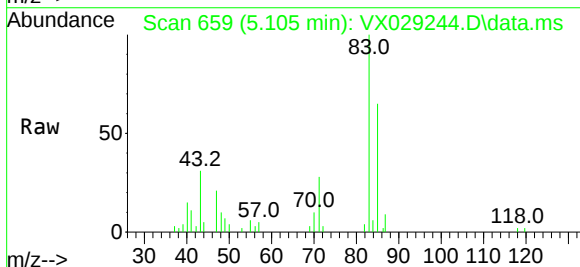
Acq: 06 Jun 2022 17:30

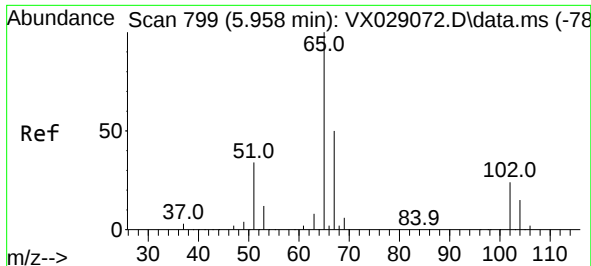
Tgt Ion: 83 Resp: 16698

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 60.667 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029244.D

Acq: 06 Jun 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

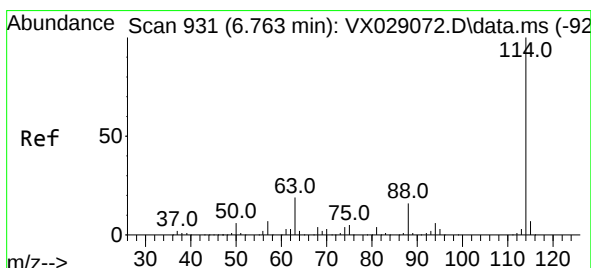
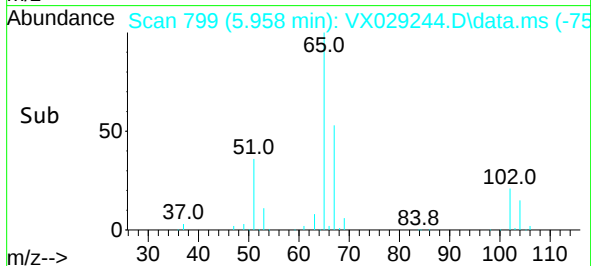
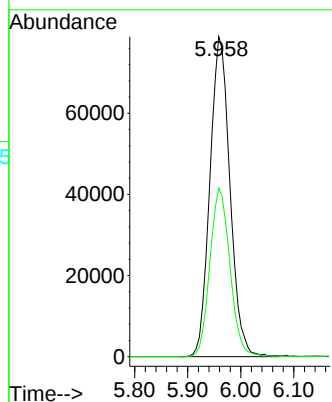
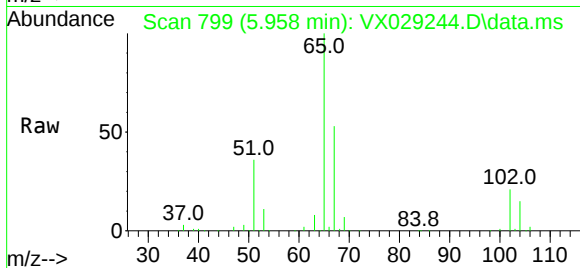
MW-5

Tgt Ion: 65 Resp: 207430

Ion Ratio Lower Upper

65 100

67 52.6 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: VX029244.D

Acq: 06 Jun 2022 17:30

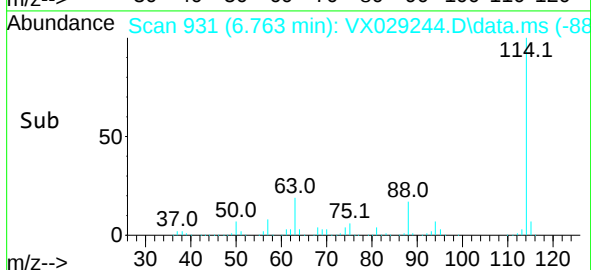
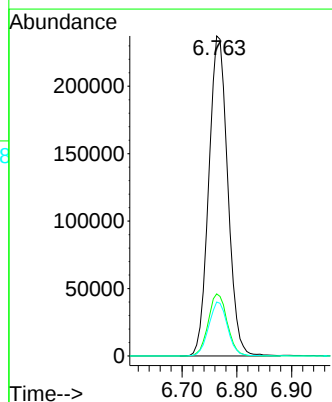
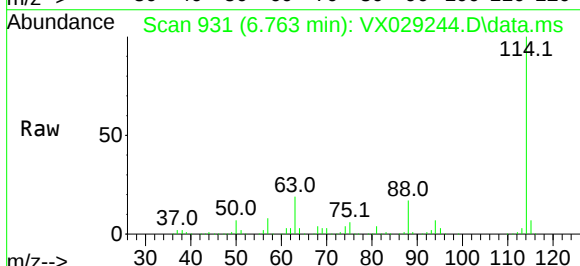
Tgt Ion: 114 Resp: 568352

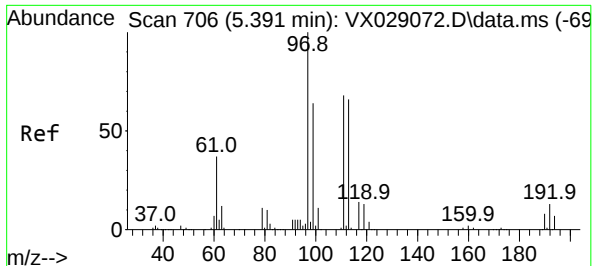
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.9 0.0 32.4

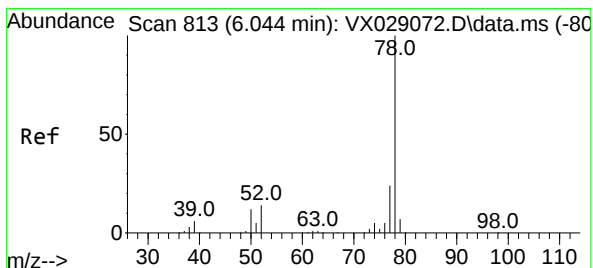
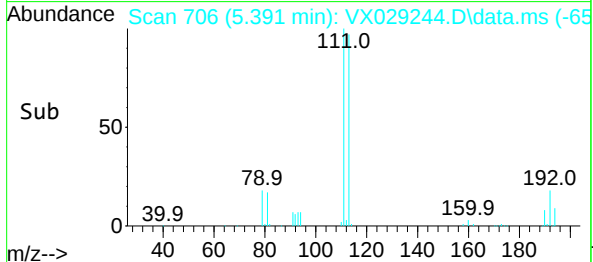
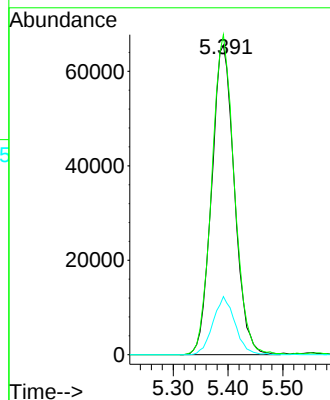
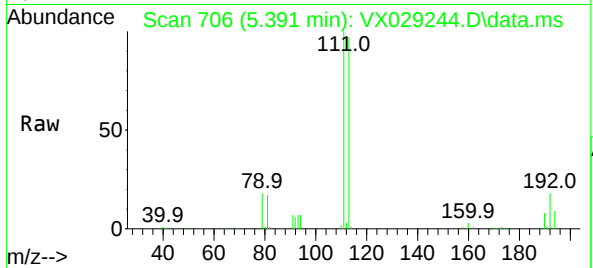




#35
Dibromofluoromethane
Concen: 50.062 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

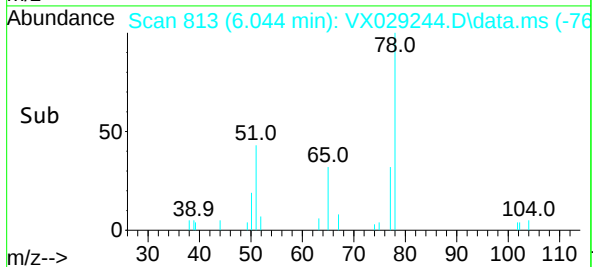
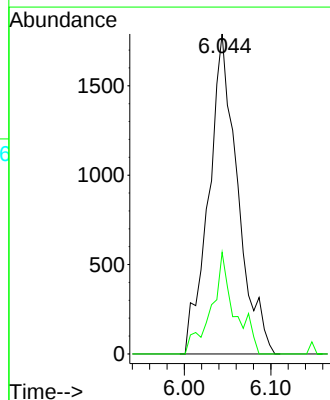
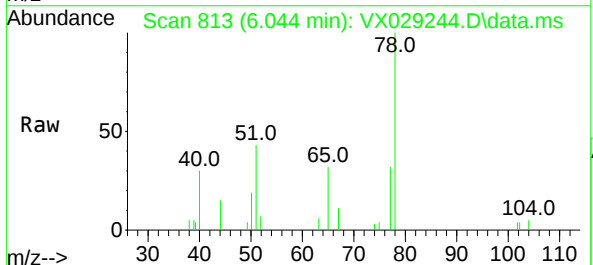
Instrument :
MSVOA_X
ClientSampleId :
MW-5

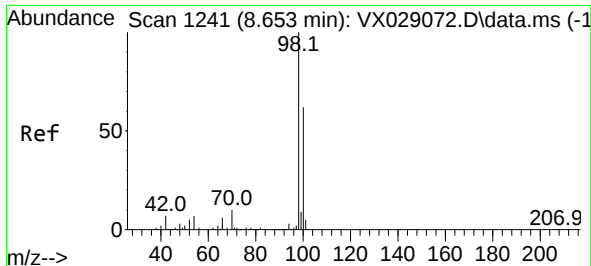
Tgt Ion:113 Resp: 188991
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.2 16.9 25.3



#40
Benzene
Concen: 0.288 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

Tgt Ion: 78 Resp: 4144
Ion Ratio Lower Upper
78 100
77 31.7 19.3 28.9#

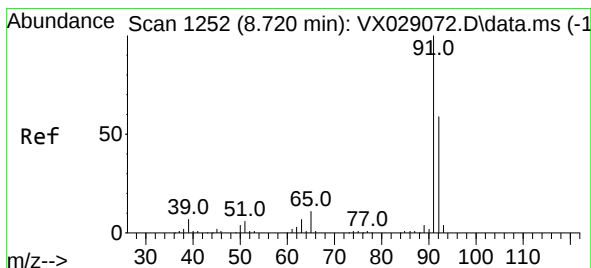
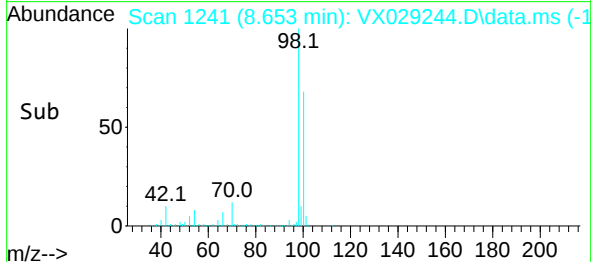
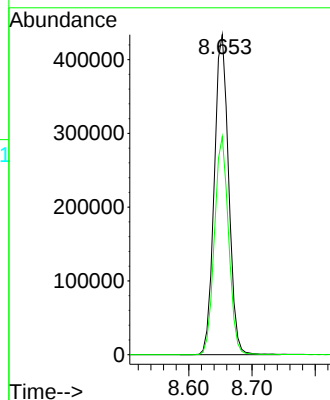
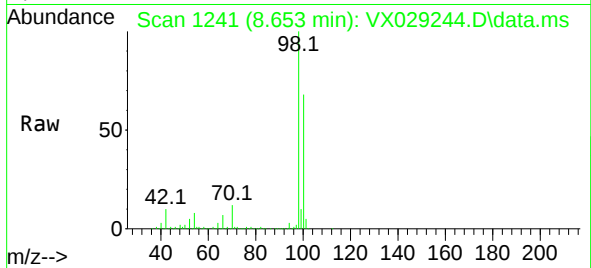




#50
Toluene-d8
Concen: 49.376 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

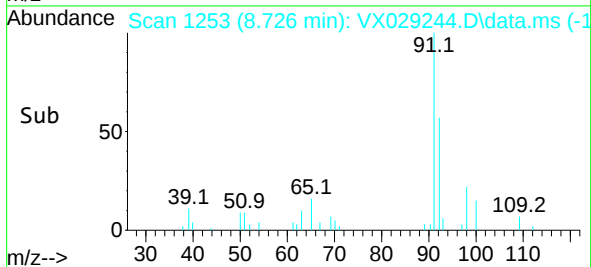
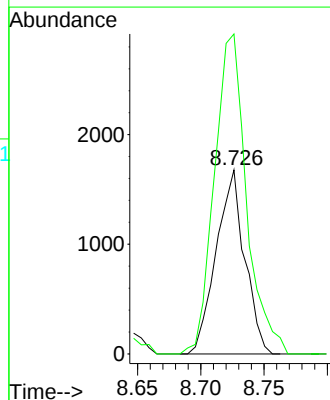
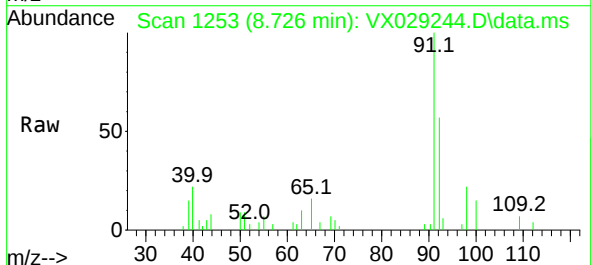
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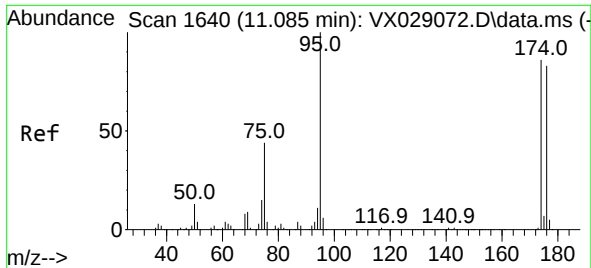
Tgt Ion: 98 Resp: 681744
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#52
Toluene
Concen: 0.274 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

Tgt Ion: 92 Resp: 2632
Ion Ratio Lower Upper
92 100
91 195.3 137.5 206.3

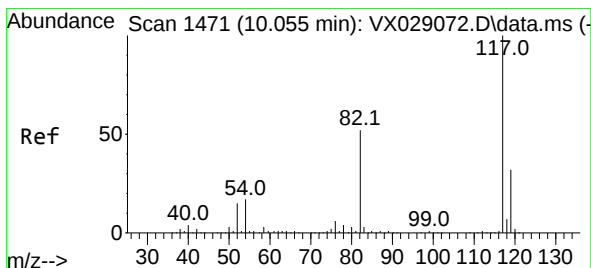
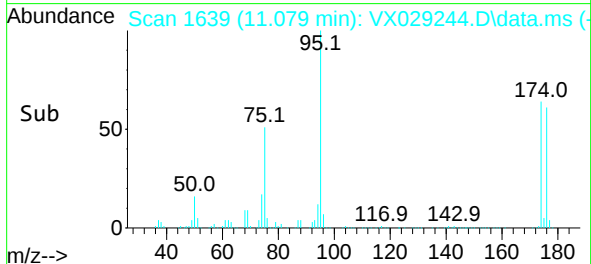
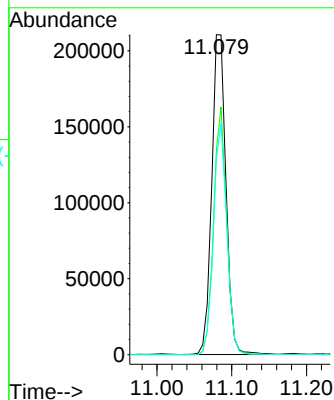
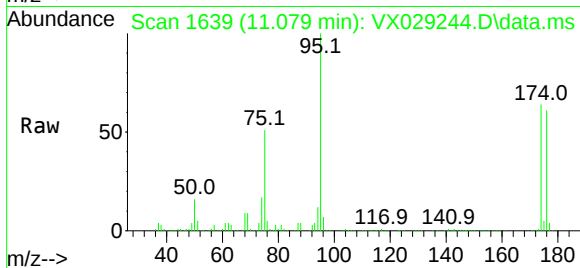




#62
4-Bromofluorobenzene
Concen: 52.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

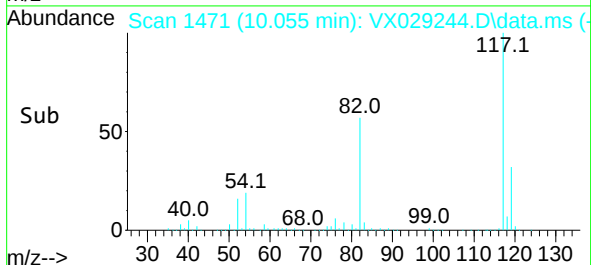
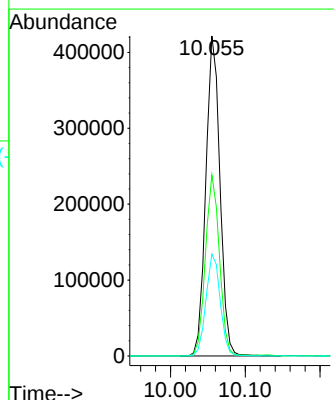
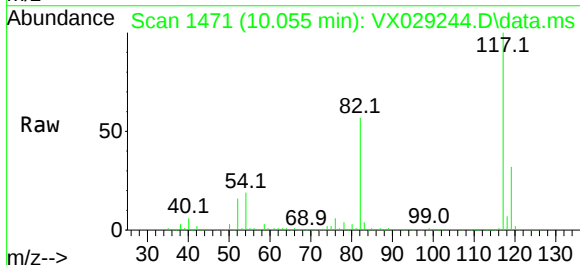
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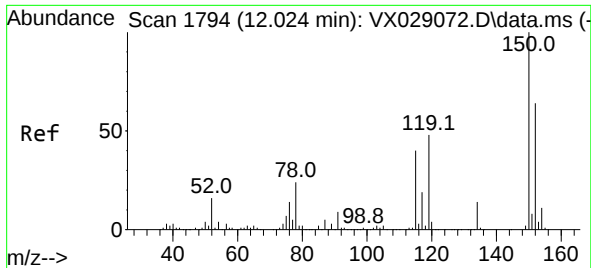
Tgt Ion: 95 Resp: 277890
Ion Ratio Lower Upper
95 100
174 71.5 0.0 163.0
176 67.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

Tgt Ion: 117 Resp: 553314
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 31.8 24.8 37.2

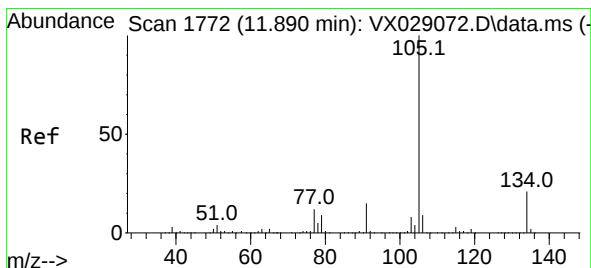
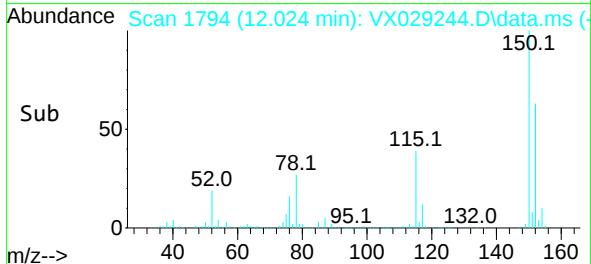
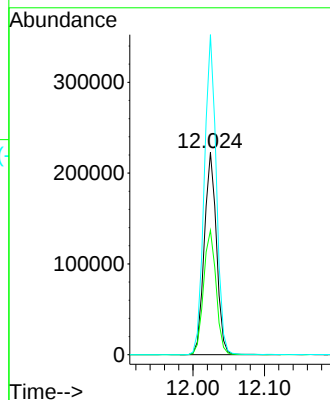
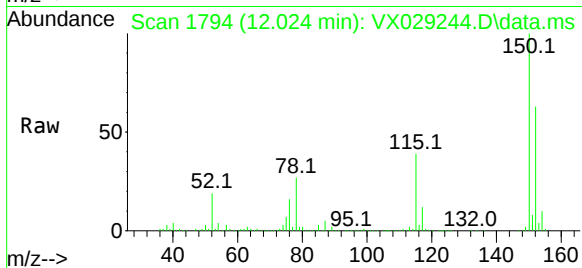




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

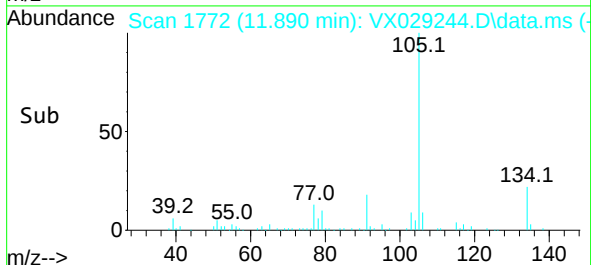
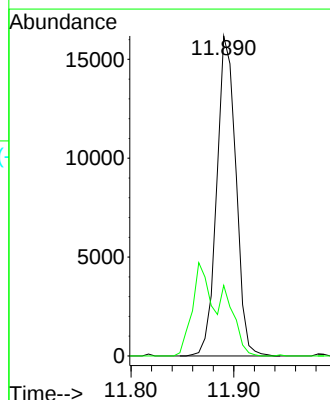
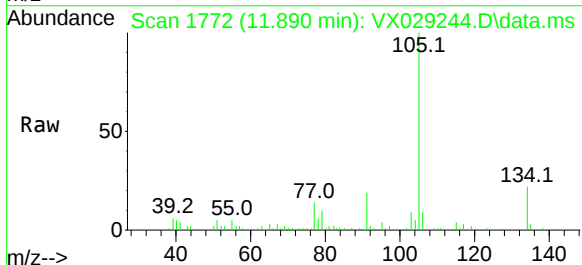
Instrument :
MSVOA_X
ClientSampleId :
MW-5

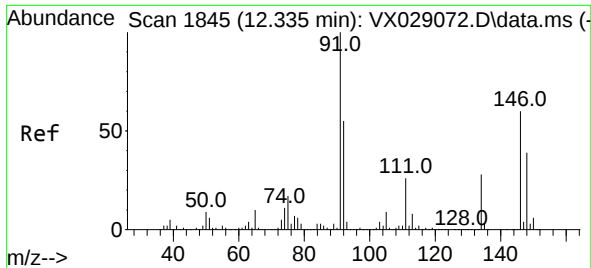
Tgt Ion:152 Resp: 264333
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 156.5 0.0 338.2



#85
sec-Butylbenzene
Concen: 1.146 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029244.D
Acq: 06 Jun 2022 17:30

Tgt Ion:105 Resp: 20911
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#89

n-Butylbenzene

Concen: 0.923 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029244.D

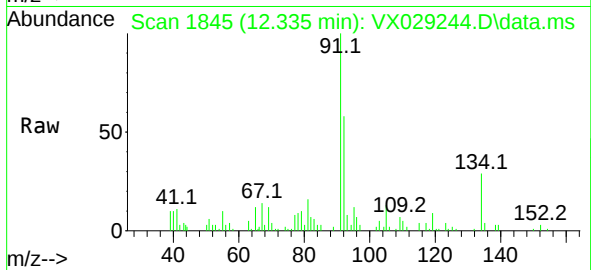
Acq: 06 Jun 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-5



Tgt Ion: 91 Resp: 11945

Ion Ratio Lower Upper

91 100

92 39.9 27.8 83.3

134 54.1 13.3 39.8#

