

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027756.D
 Acq On : 28 Mar 2022 17:42
 Operator : JC/MD
 Sample : N2154-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Mar 29 05:40:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

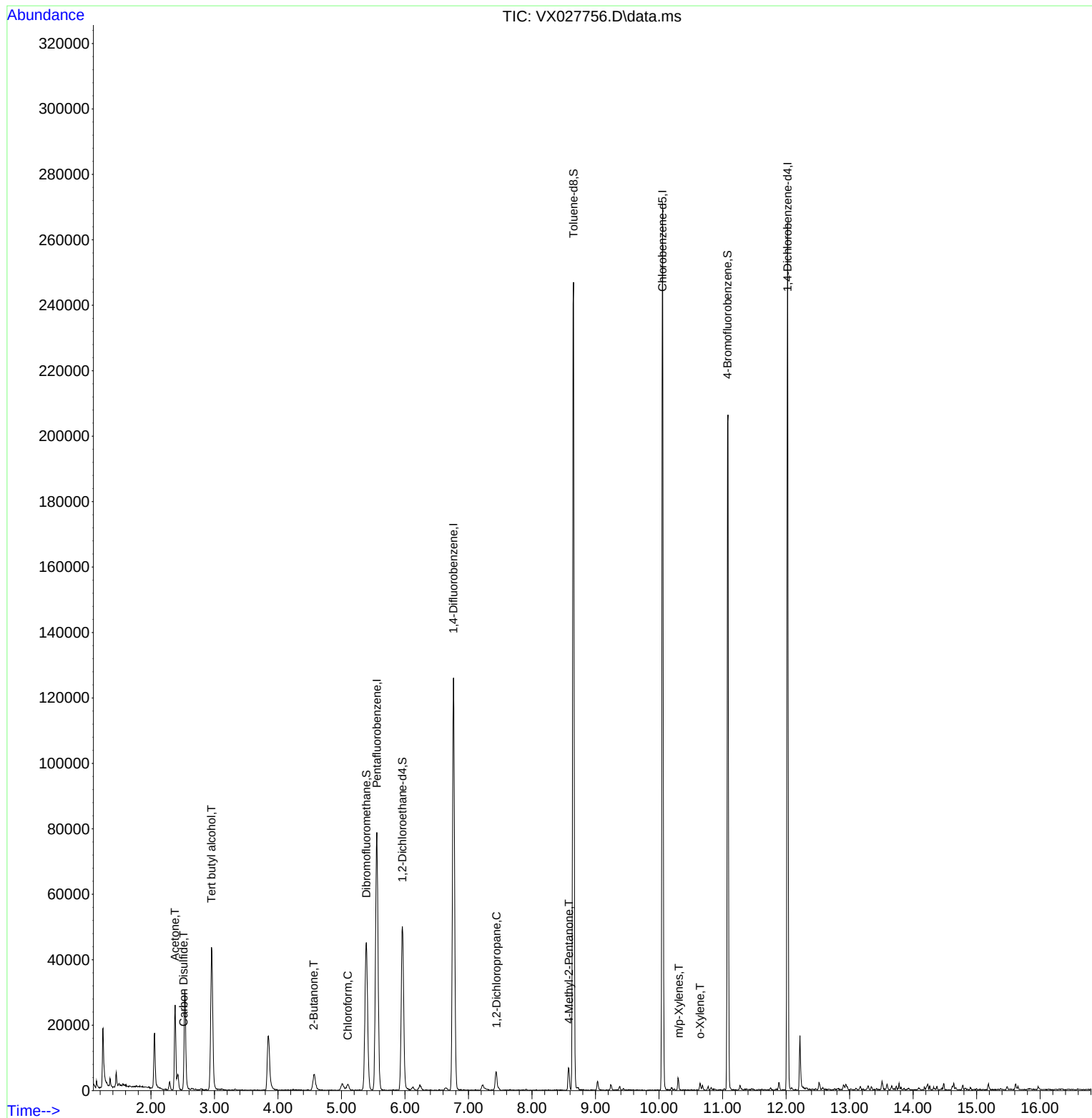
Internal Standards						
1) Pentafluorobenzene	5.556	168	68362	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50382	44.935	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.860%
35) Dibromofluoromethane	5.391	113	39875	50.013	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.020%
50) Toluene-d8	8.653	98	148546	48.197	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.079	95	59095	47.253	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.500%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	47478	227.427	ug/l	99
16) Acetone	2.379	43	26084	55.007	ug/l	92
17) Carbon Disulfide	2.514	76	1350	0.693	ug/l	# 77
25) 2-Butanone	4.562	43	6487	8.518	ug/l	92
30) Chloroform	5.099	83	2225	1.432	ug/l	# 81
45) 1,2-Dichloropropane	7.440	63	2359	2.584	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	4399	2.895	ug/l	89
68) m/p-Xylenes	10.311	106	866	0.552	ug/l	86
69) o-Xylene	10.646	106	477	0.302	ug/l	86

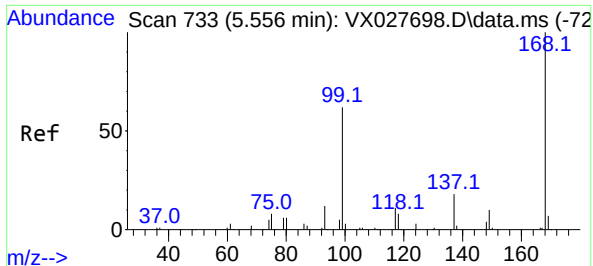
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
Data File : VX027756.D
Acq On : 28 Mar 2022 17:42
Operator : JC/MD
Sample : N2154-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Quant Time: Mar 29 05:40:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 16:26:59 2022
Response via : Initial Calibration

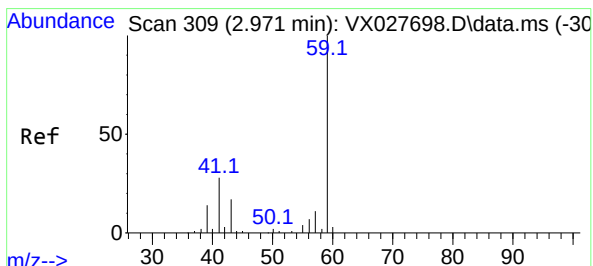
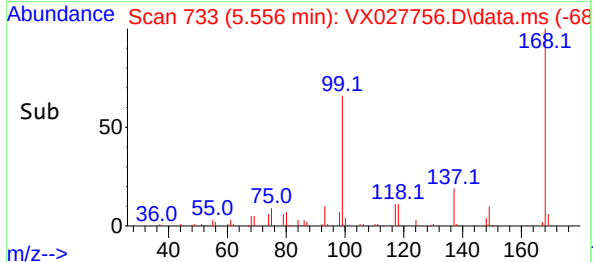
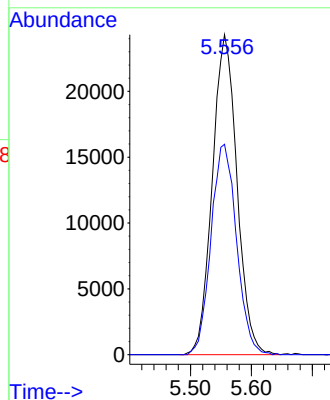
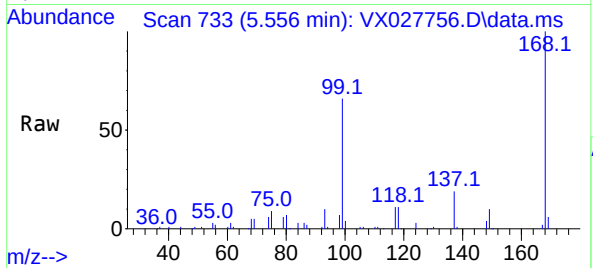




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

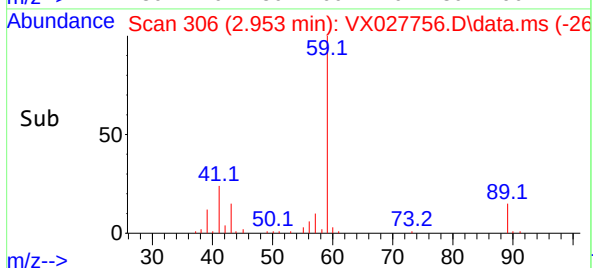
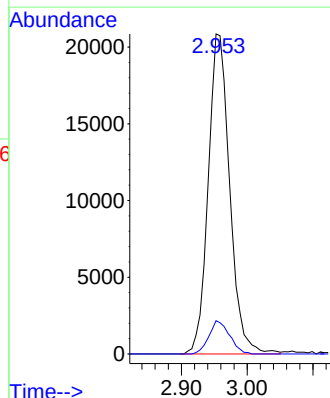
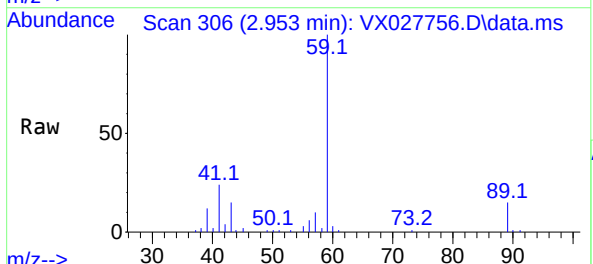
Instrument :
MSVOA_X
ClientSampleId :
MW-4

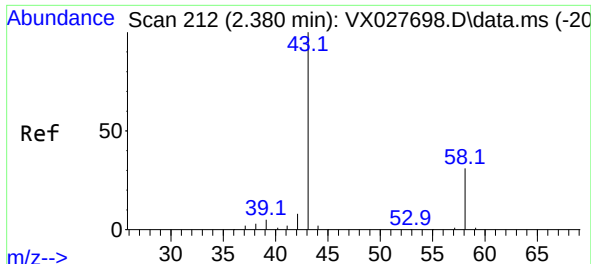
Tgt Ion:168 Resp: 68362
Ion Ratio Lower Upper
168 100
99 65.8 41.7 62.5#



#11
Tert butyl alcohol
Concen: 227.427 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 59 Resp: 47478
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

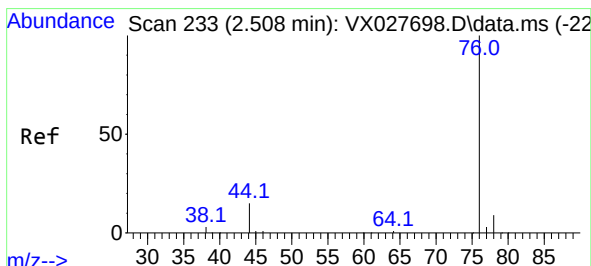
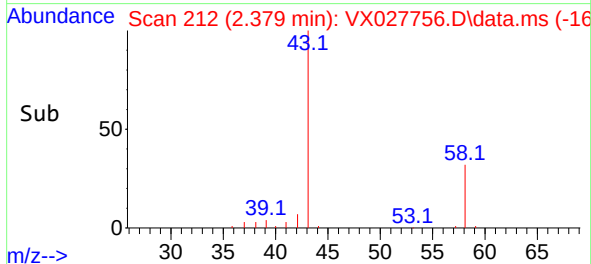
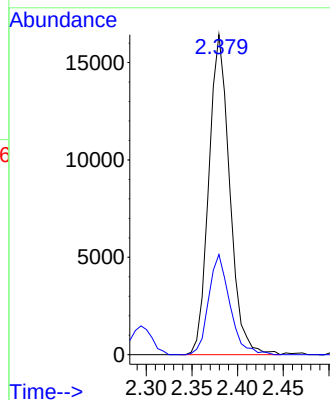
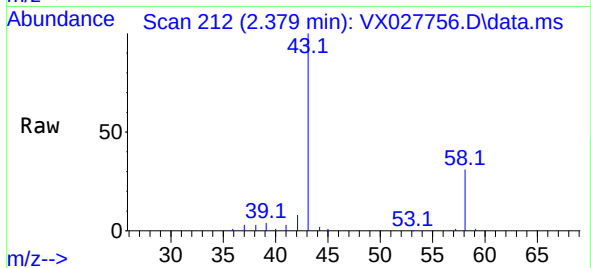




#16
Acetone
Concen: 55.007 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

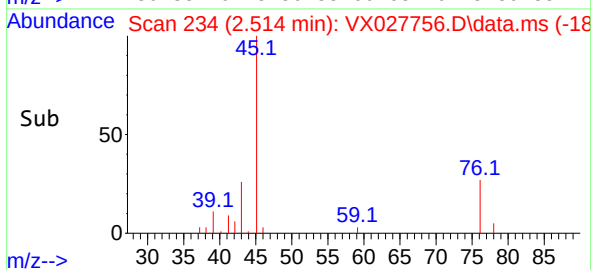
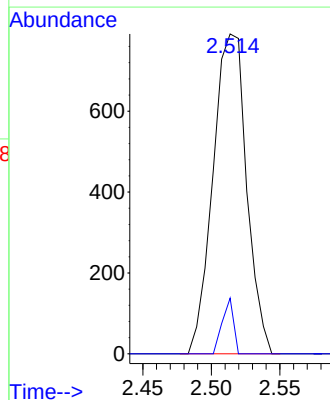
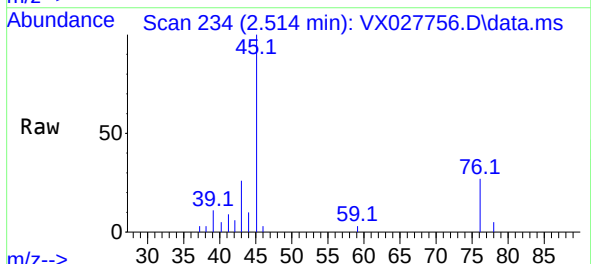
Instrument :
MSVOA_X
ClientSampleId :
MW-4

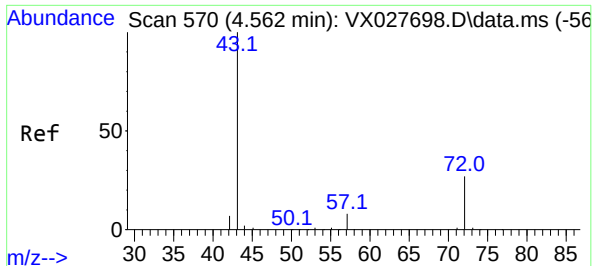
Tgt Ion: 43 Resp: 26084
Ion Ratio Lower Upper
43 100
58 31.3 28.8 43.2



#17
Carbon Disulfide
Concen: 0.693 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 76 Resp: 1350
Ion Ratio Lower Upper
76 100
78 17.4 7.2 10.8#

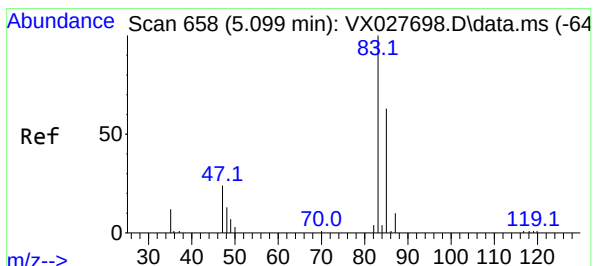
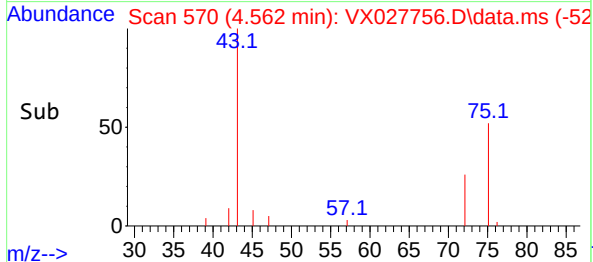
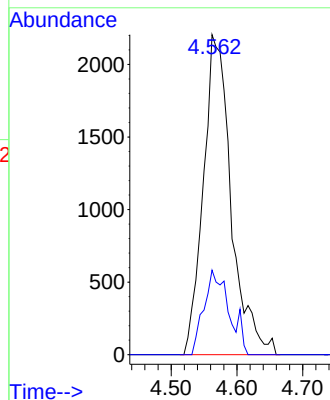
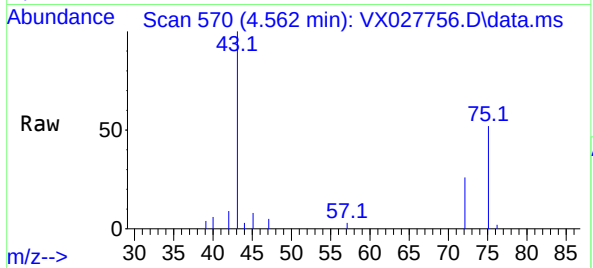




#25
2-Butanone
Concen: 8.518 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

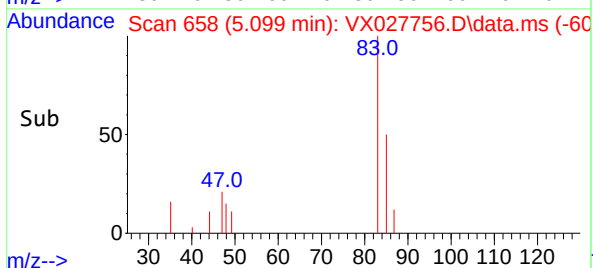
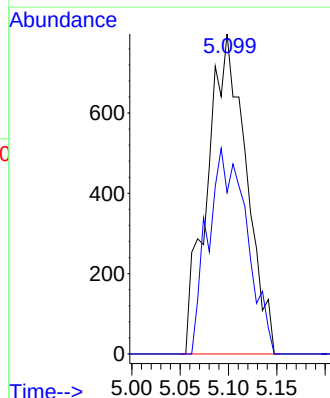
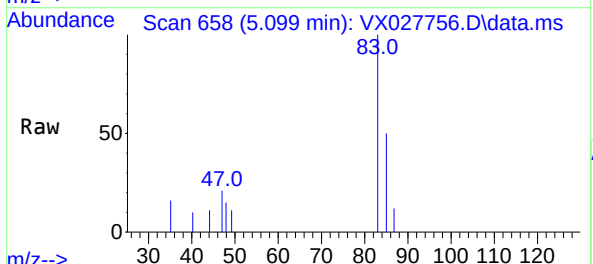
Instrument :
MSVOA_X
ClientSampleId :
MW-4

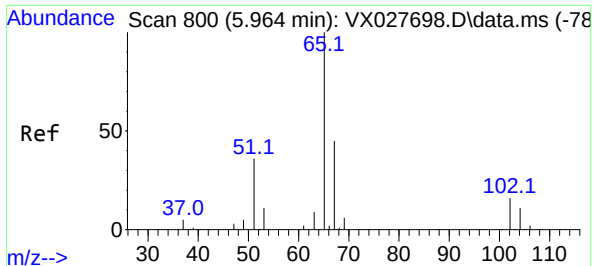
Tgt Ion: 43 Resp: 6487
Ion Ratio Lower Upper
43 100
72 26.4 24.4 36.6



#30
Chloroform
Concen: 1.432 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 83 Resp: 2225
Ion Ratio Lower Upper
83 100
85 50.4 52.7 79.1#





#33

1,2-Dichloroethane-d4

Concen: 44.935 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027756.D

Acq: 28 Mar 2022 17:42

Instrument :

MSVOA_X

ClientSampleId :

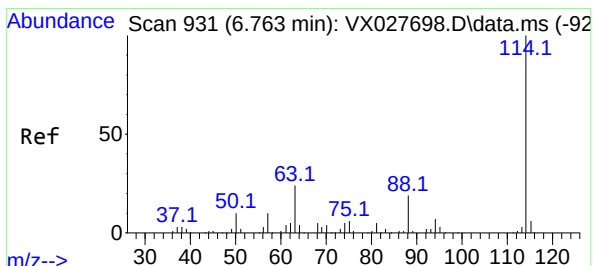
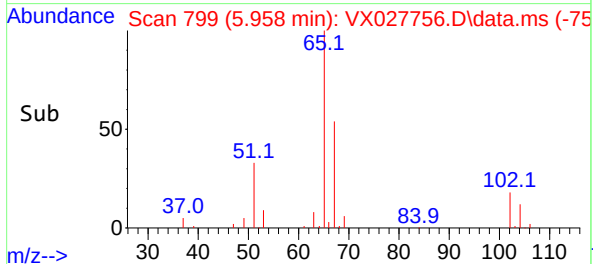
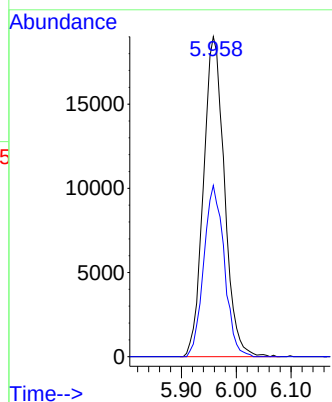
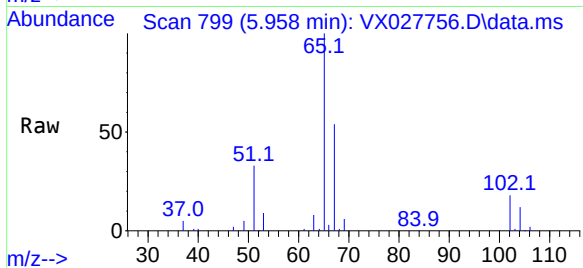
MW-4

Tgt Ion: 65 Resp: 50382

Ion Ratio Lower Upper

65 100

67 52.4 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: VX027756.D

Acq: 28 Mar 2022 17:42

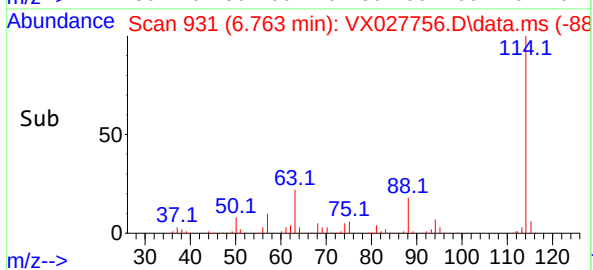
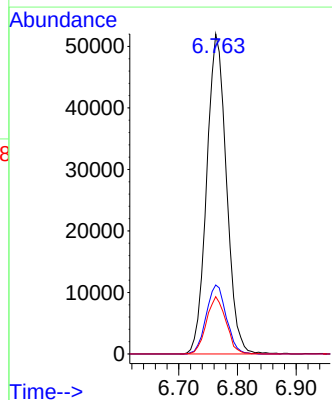
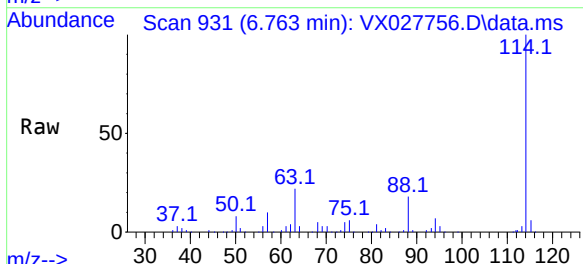
Tgt Ion: 114 Resp: 121410

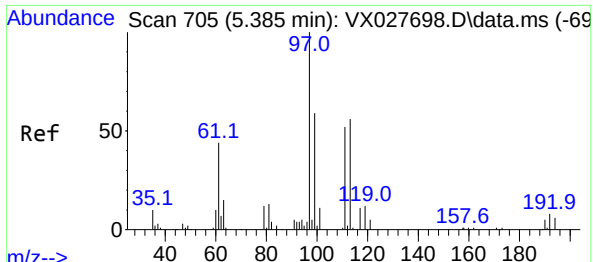
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.8

88 17.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.013 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX027756.D

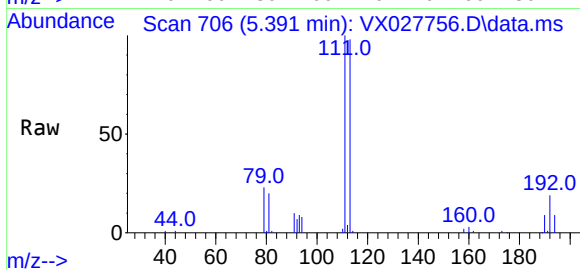
Acq: 28 Mar 2022 17:42

Instrument :

MSVOA_X

ClientSampleId :

MW-4



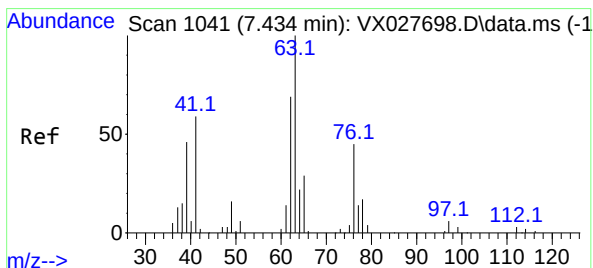
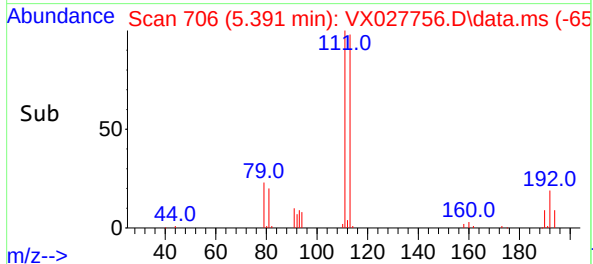
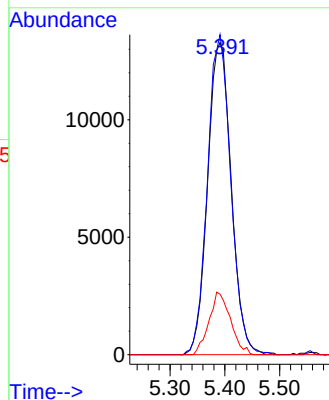
Tgt Ion:113 Resp: 39875

Ion Ratio Lower Upper

113 100

111 100.8 82.8 124.2

192 18.2 16.9 25.3



#45

1,2-Dichloropropane

Concen: 2.584 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX027756.D

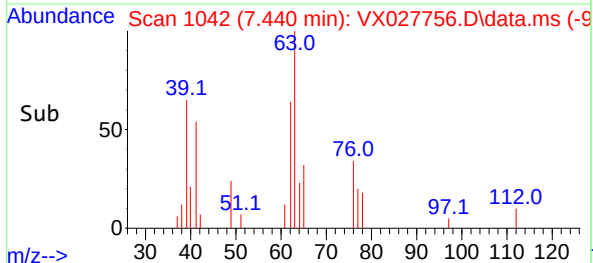
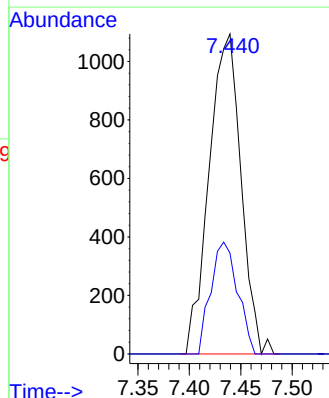
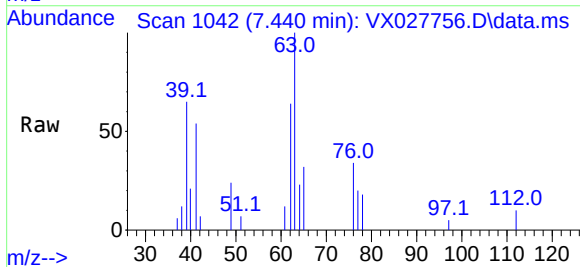
Acq: 28 Mar 2022 17:42

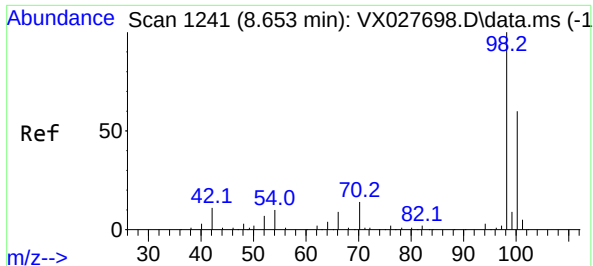
Tgt Ion: 63 Resp: 2359

Ion Ratio Lower Upper

63 100

65 31.5 25.8 38.6

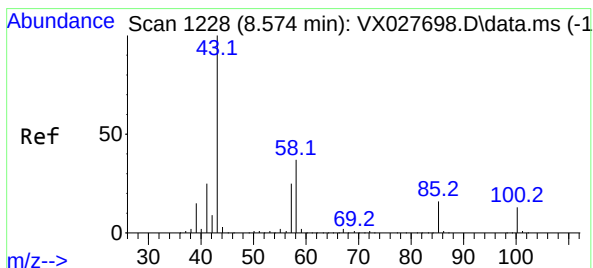
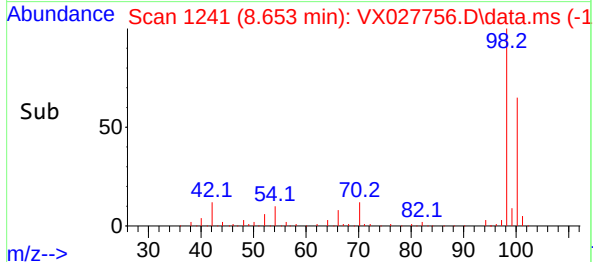
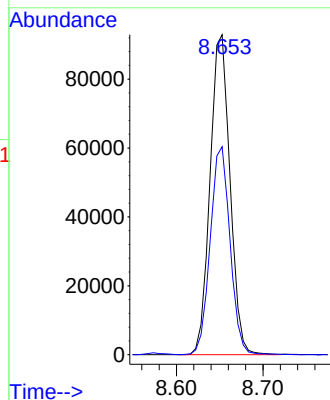
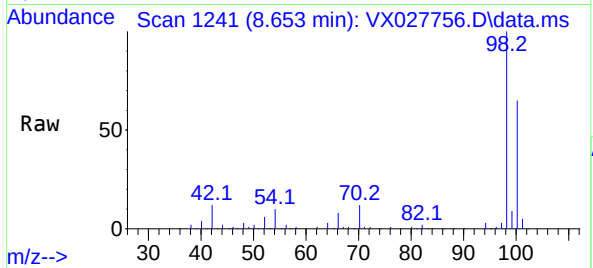




#50
Toluene-d8
Concen: 48.197 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

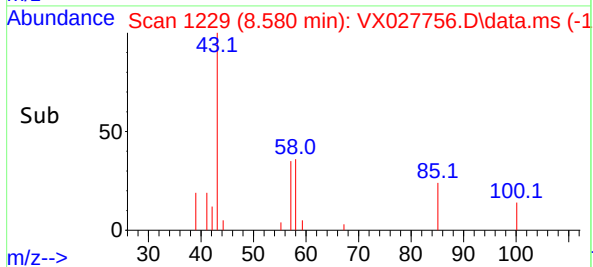
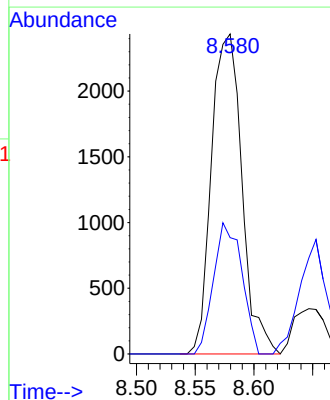
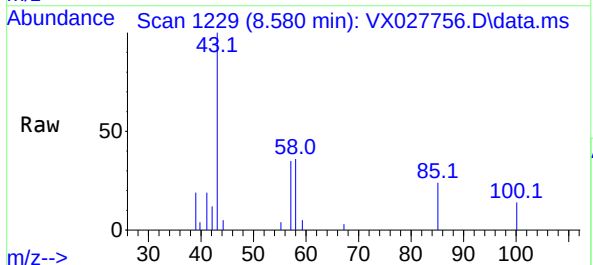
Instrument :
MSVOA_X
ClientSampleId :
MW-4

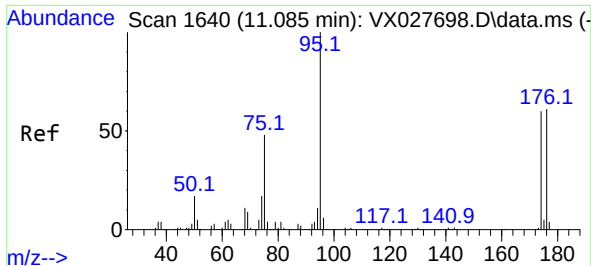
Tgt Ion: 98 Resp: 148546
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.895 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 43 Resp: 4399
Ion Ratio Lower Upper
43 100
58 38.1 36.1 54.1

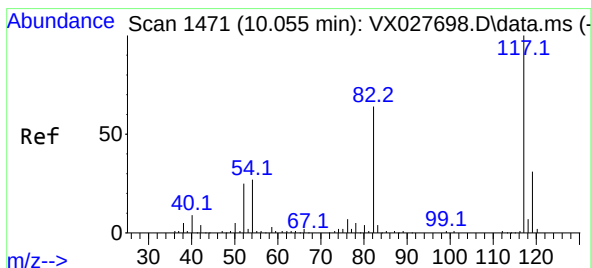
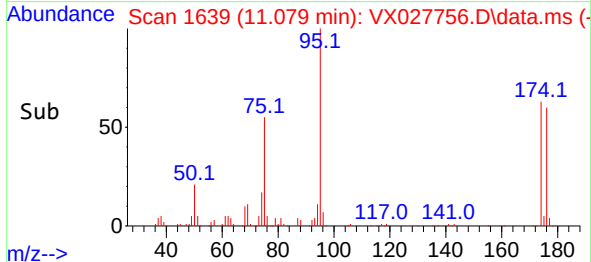
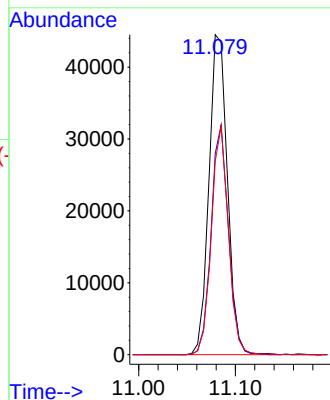
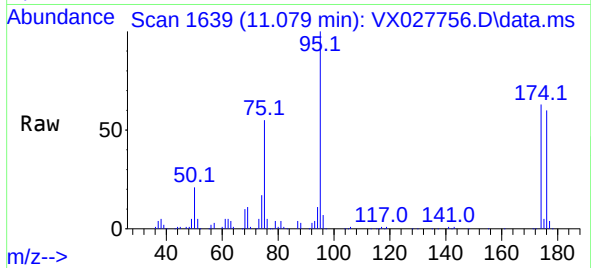




#62
4-Bromofluorobenzene
Concen: 47.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

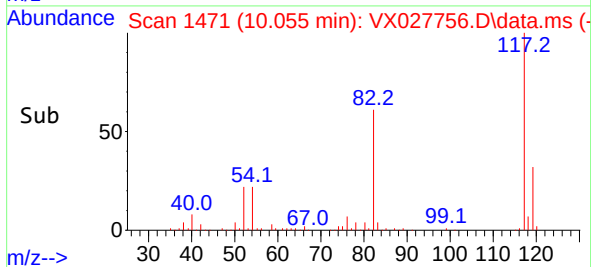
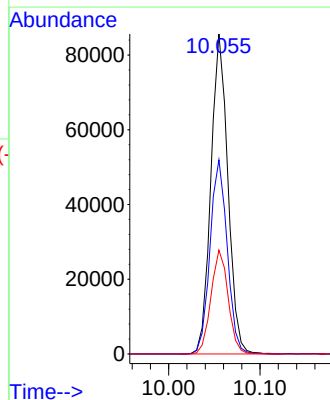
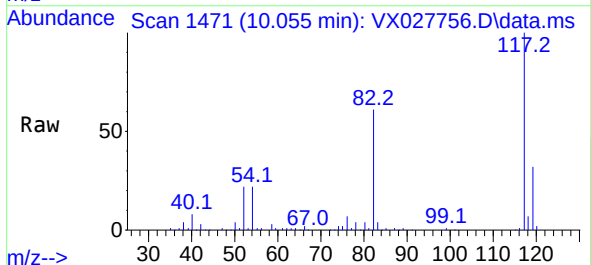
Instrument :
MSVOA_X
ClientSampleId :
MW-4

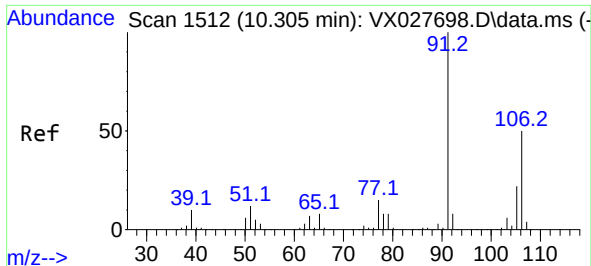
Tgt Ion: 95 Resp: 59095
Ion Ratio Lower Upper
95 100
174 67.2 0.0 163.0
176 65.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 117 Resp: 110337
Ion Ratio Lower Upper
117 100
82 60.7 41.8 62.8
119 32.5 24.8 37.2

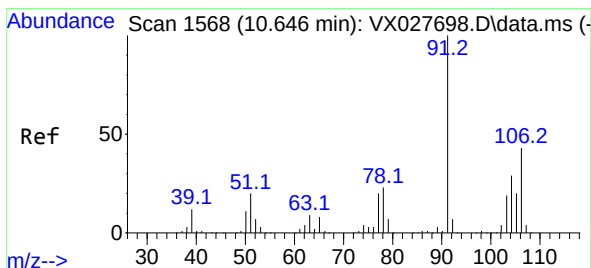
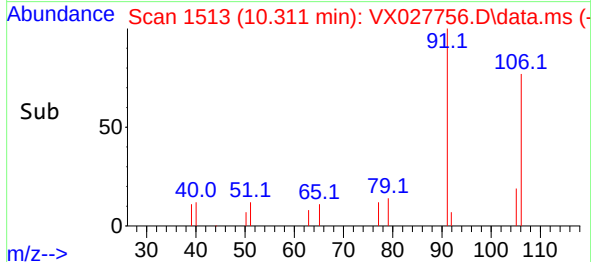
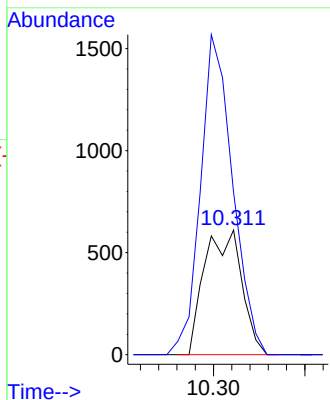
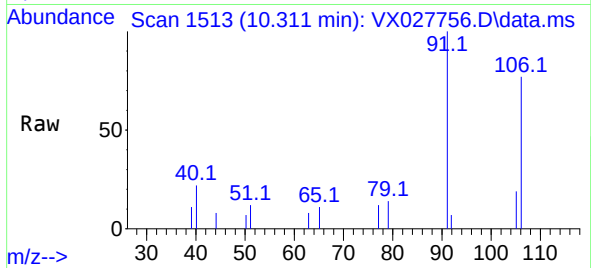




#68
m/p-Xylenes
Concen: 0.552 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

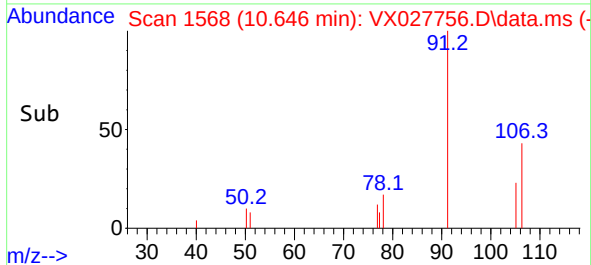
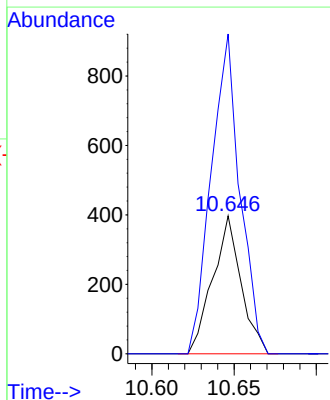
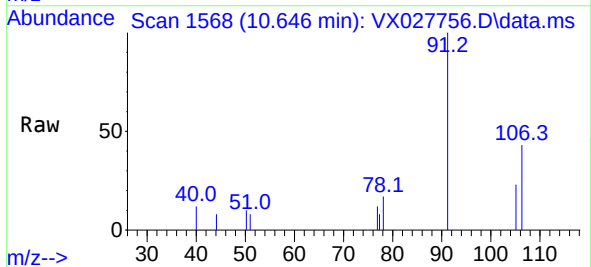
Instrument :
MSVOA_X
ClientSampleId :
MW-4

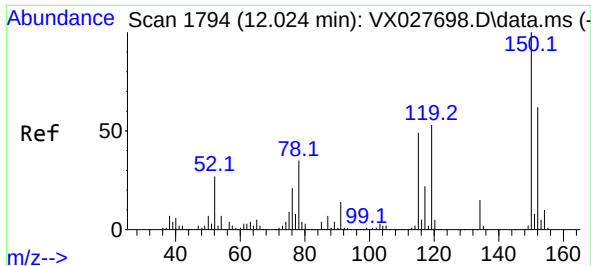
Tgt Ion:106 Resp: 866
Ion Ratio Lower Upper
106 100
91 221.2 160.4 240.6



#69
o-Xylene
Concen: 0.302 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion:106 Resp: 477
Ion Ratio Lower Upper
106 100
91 234.8 106.1 318.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027756.D

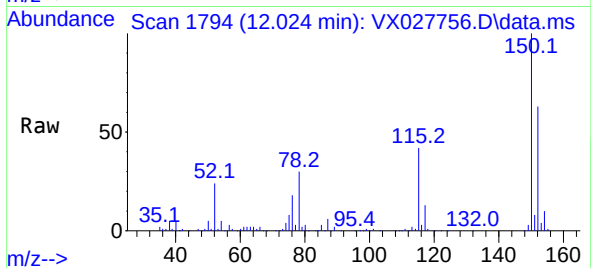
Acq: 28 Mar 2022 17:42

Instrument :

MSVOA_X

ClientSampleId :

MW-4



Tgt Ion:152 Resp: 48163

Ion Ratio Lower Upper

152 100

115 67.3 37.5 112.7

150 157.2 0.0 338.2

