

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036246.D
 Acq On : 20 Jun 2023 16:27
 Operator : JC/MD
 Sample : 03339-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Jun 21 02:04:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

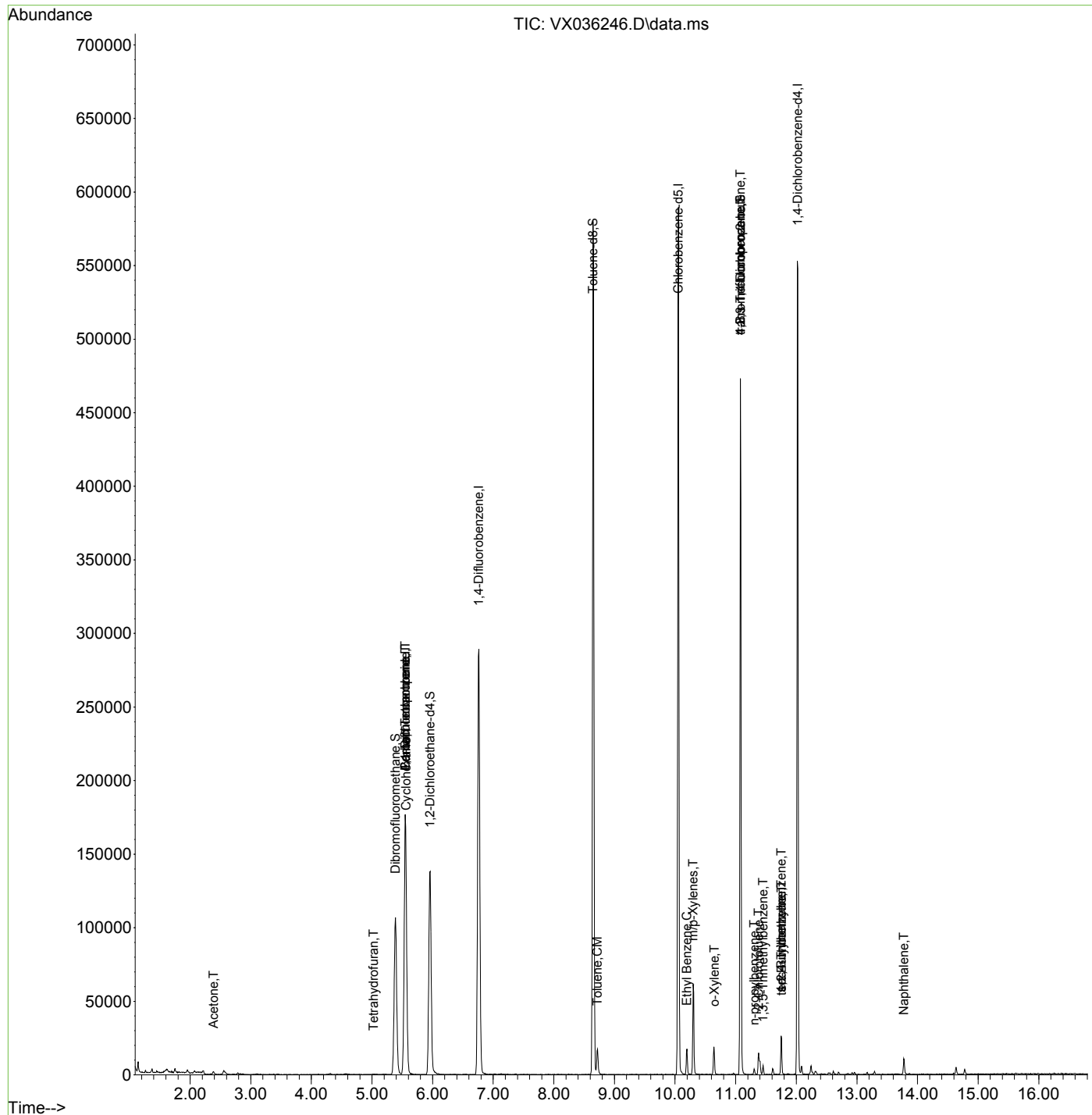
Internal Standards						
1) Pentafluorobenzene	5.550	168	150486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	279680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140398	51.053	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.100%			
35) Dibromofluoromethane	5.385	113	93411	49.253	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.500%			
50) Toluene-d8	8.647	98	325309	46.892	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.780%			
62) 4-Bromofluorobenzene	11.079	95	119556	42.693	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.380%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	2356	2.062	ug/l	94
29) Tetrahydrofuran	5.026	42	302	0.297	ug/l #	34
31) Cyclohexane	5.562	56	4341	1.471	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	14559	5.211	ug/l #	47
38) Carbon Tetrachloride	5.550	117	17501	6.444	ug/l #	15
52) Toluene	8.720	92	6254	1.271	ug/l	99
67) Ethyl Benzene	10.195	91	9743	1.091	ug/l	91
68) m/p-Xylenes	10.299	106	13874	4.118	ug/l	97
69) o-Xylene	10.646	106	4021	1.210	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	67906	27.018	ug/l #	39
78) n-propylbenzene	11.305	91	2548	0.276	ug/l	89
79) 2-Chlorotoluene	11.378	91	1641	0.282	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	2600	0.389	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	67906	94.568	ug/l #	5
83) tert-Butylbenzene	11.756	119	1340	0.211	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.750	105	11077	1.660	ug/l	95
85) sec-Butylbenzene	11.750	105	11077	1.398	ug/l #	57
95) Naphthalene	13.774	128	7531	1.118	ug/l	97

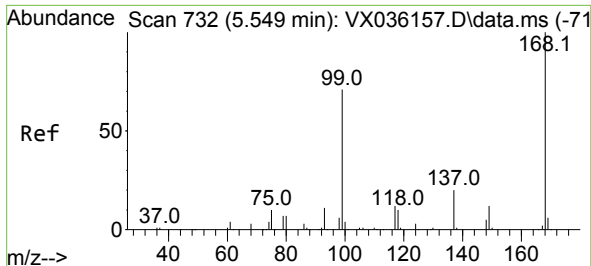
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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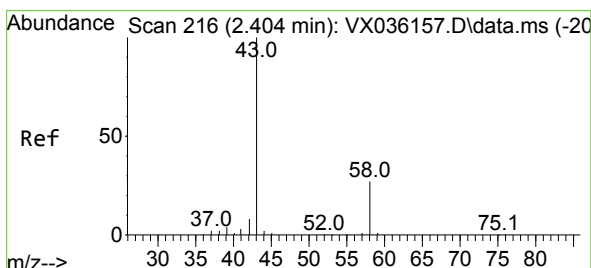
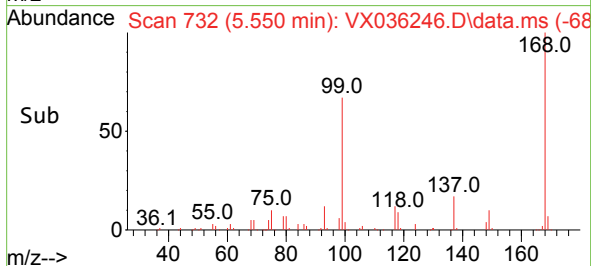
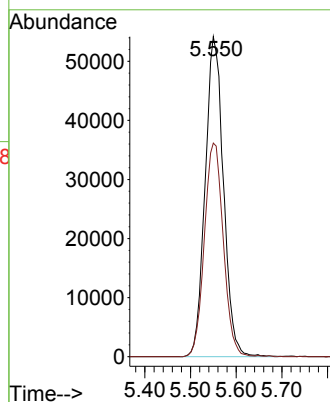
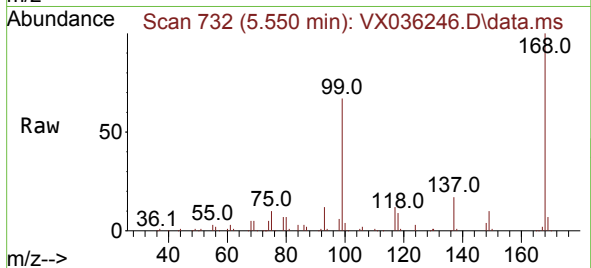




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

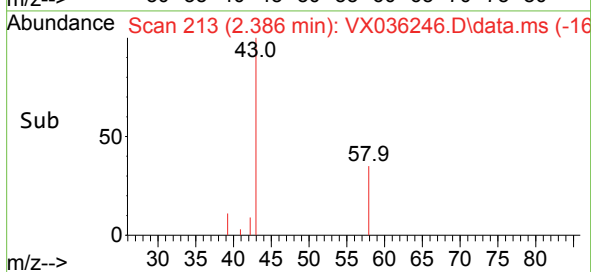
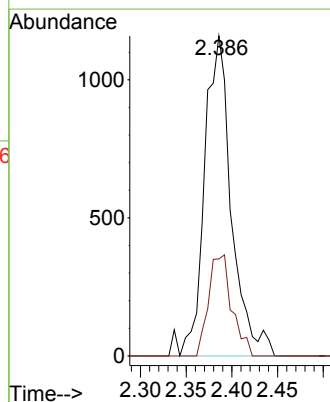
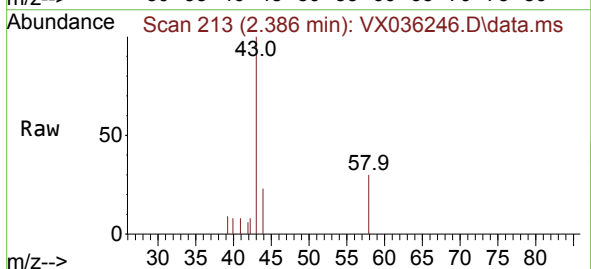
Instrument :
MSVOA_X
ClientSampleId :
MW-11

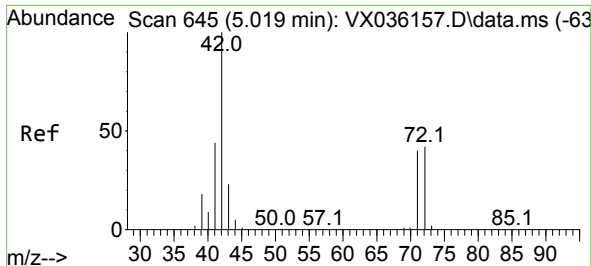
Tgt Ion:168 Resp: 150486
Ion Ratio Lower Upper
168 100
99 66.7 56.6 85.0



#16
Acetone
Concen: 2.062 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#29

Tetrahydrofuran

Concen: 0.297 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.007 min

Lab File: VX036246.D

Acq: 20 Jun 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

MW-11

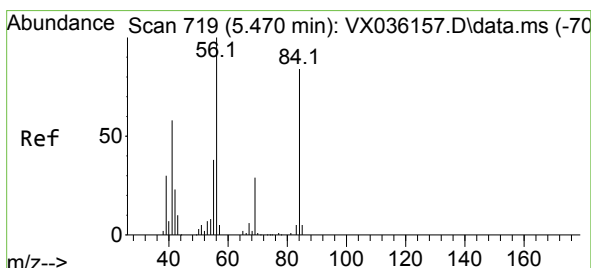
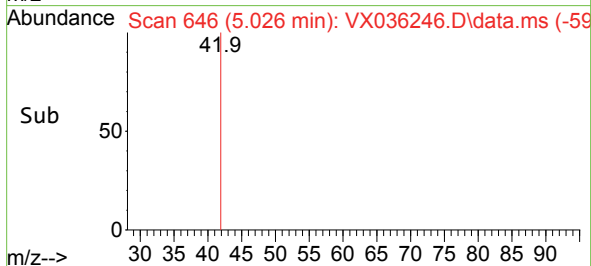
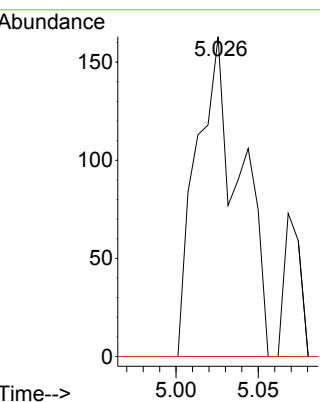
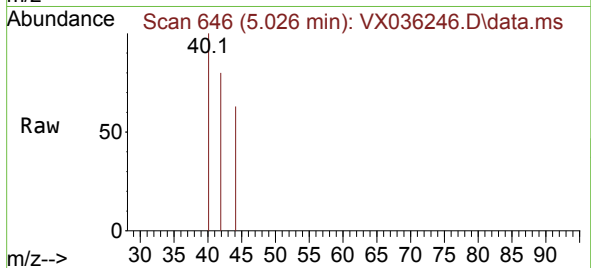
Tgt Ion: 42 Resp: 302

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.471 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.092 min

Lab File: VX036246.D

Acq: 20 Jun 2023 16:27

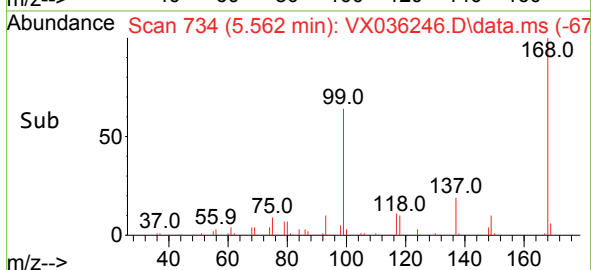
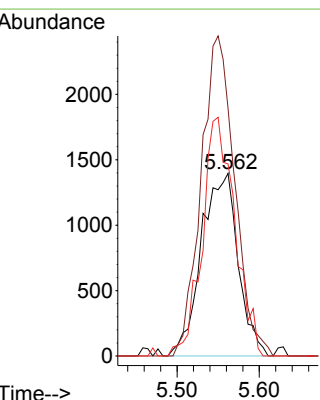
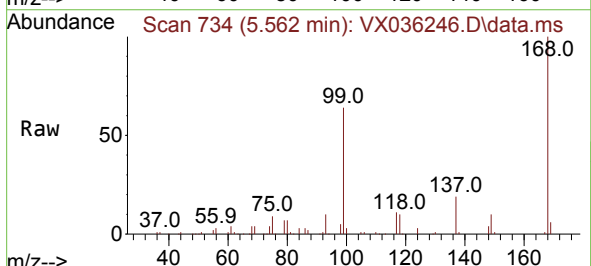
Tgt Ion: 56 Resp: 4341

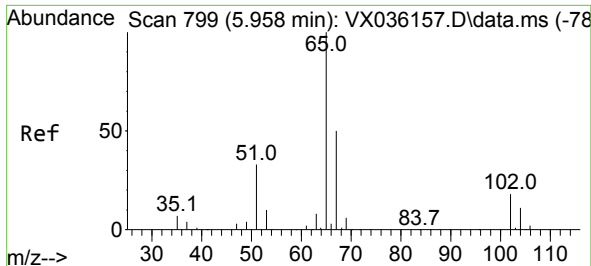
Ion Ratio Lower Upper

56 100

69 135.7 23.4 35.2#

84 105.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.053 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036246.D

Acq: 20 Jun 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

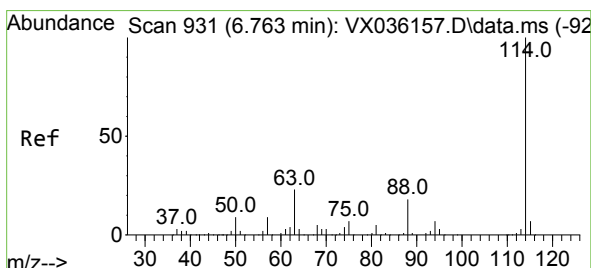
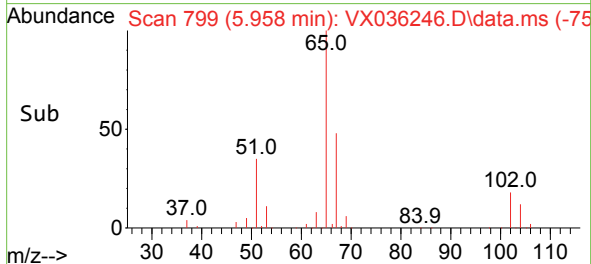
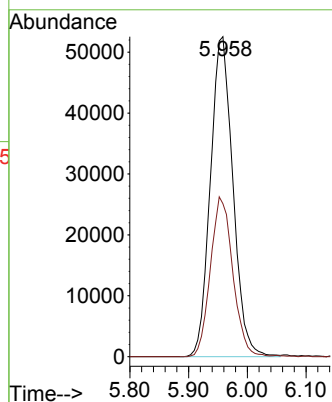
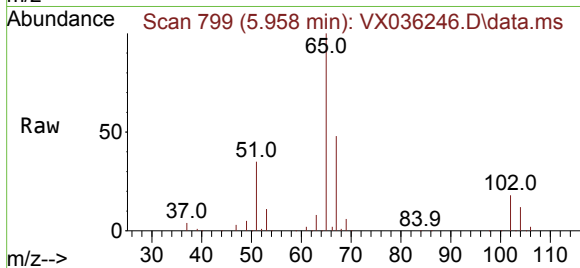
MW-11

Tgt Ion: 65 Resp: 140398

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036246.D

Acq: 20 Jun 2023 16:27

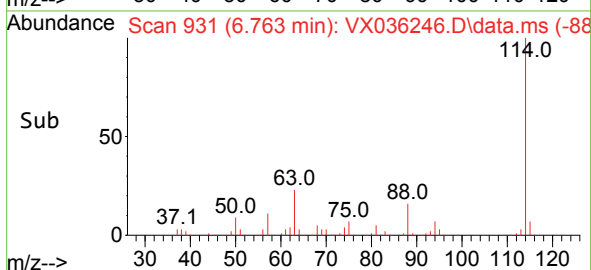
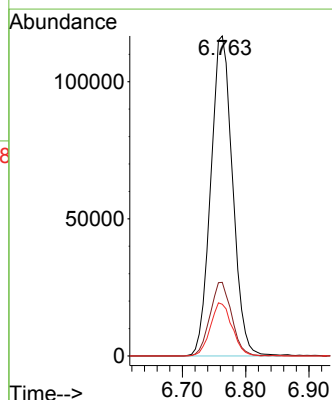
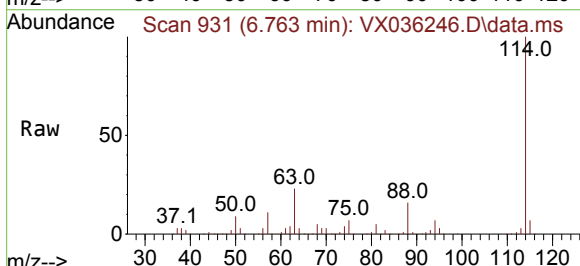
Tgt Ion: 114 Resp: 279680

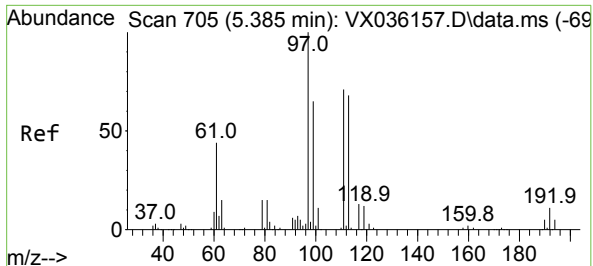
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.2 0.0 36.6

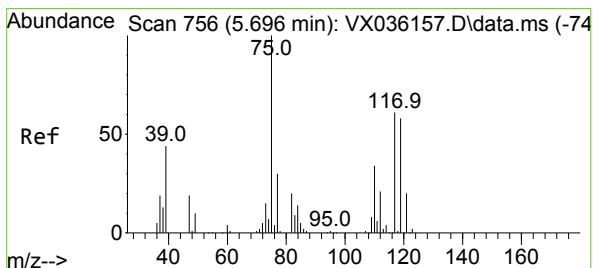
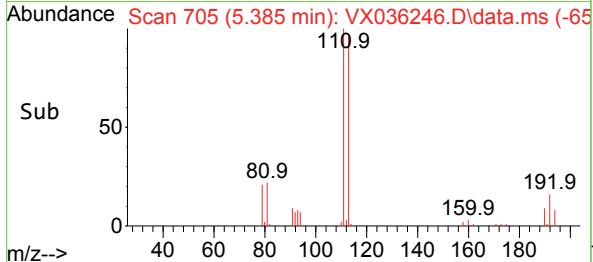
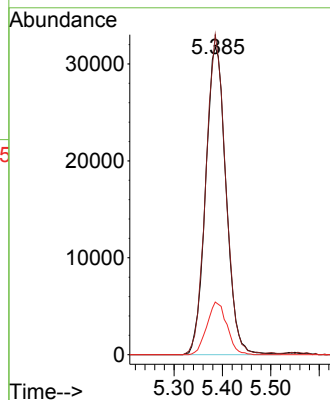
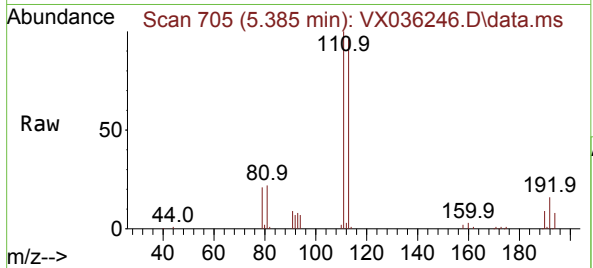




#35
Dibromofluoromethane
Concen: 49.253 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

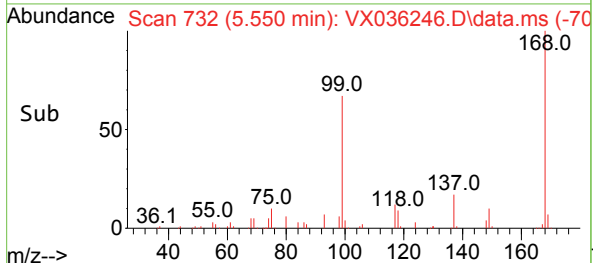
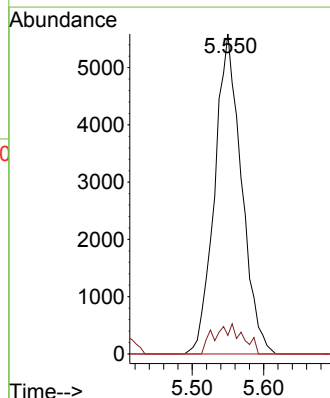
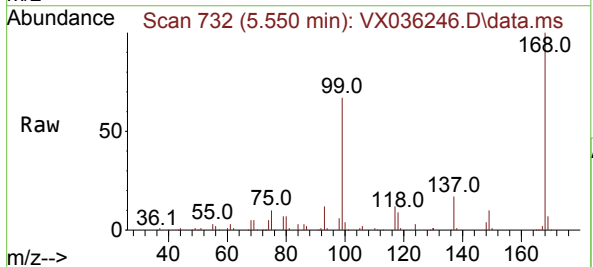
Instrument :
MSVOA_X
ClientSampleId :
MW-11

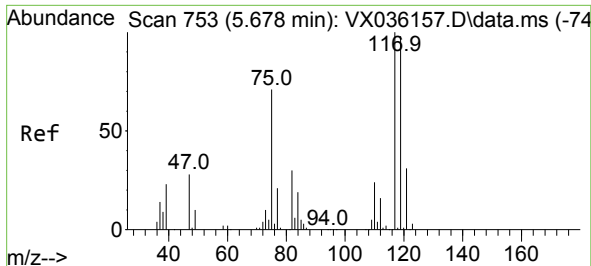
Tgt Ion:113 Resp: 93411
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.211 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

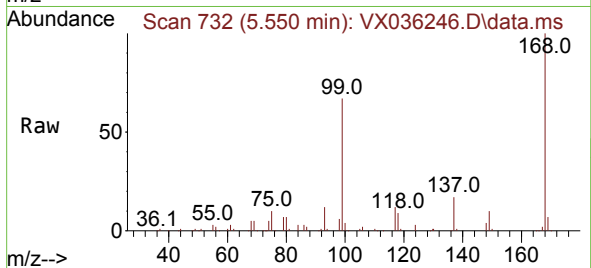
Tgt Ion: 75 Resp: 14559
Ion Ratio Lower Upper
75 100
110 5.2 17.0 50.9#
77 0.0 24.7 37.1#



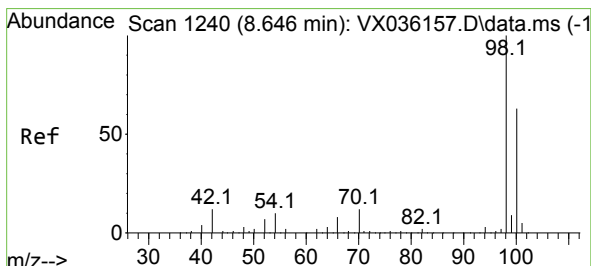
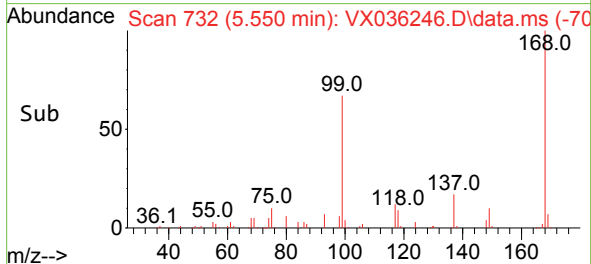
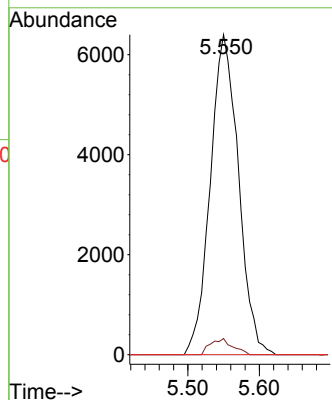


#38
Carbon Tetrachloride
Concen: 6.444 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

Instrument :
MSVOA_X
ClientSampleId :
MW-11

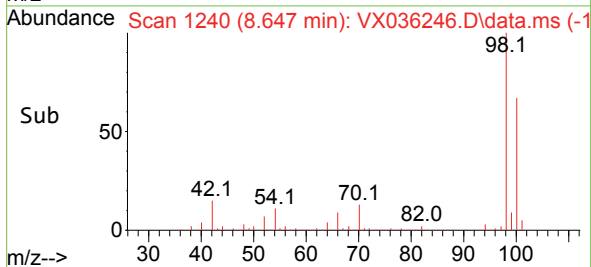
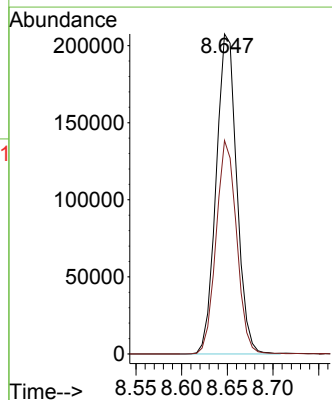
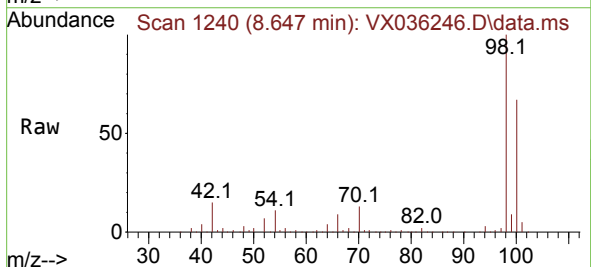


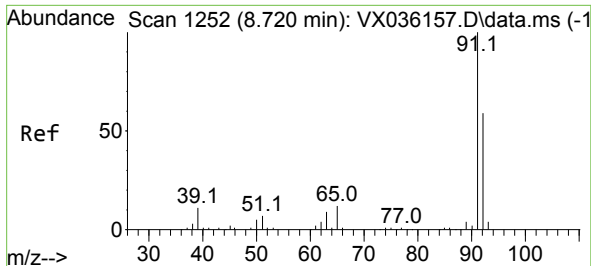
Tgt Ion:117 Resp: 17501
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.892 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

Tgt Ion: 98 Resp: 325309
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

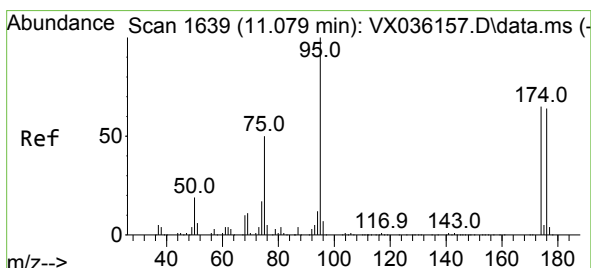
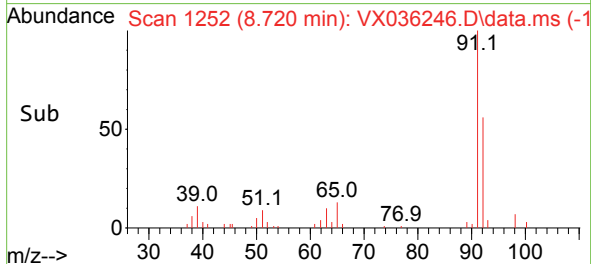
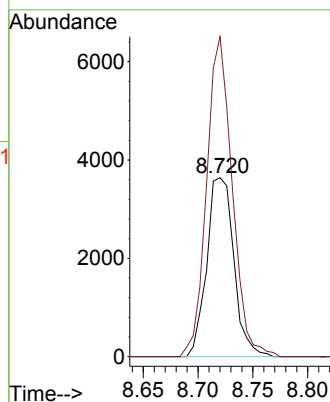
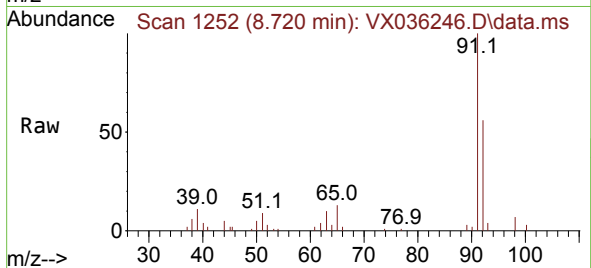




#52
Toluene
Concen: 1.271 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

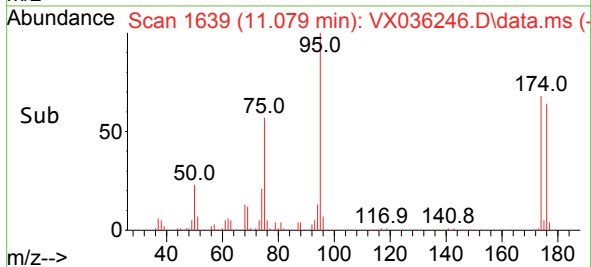
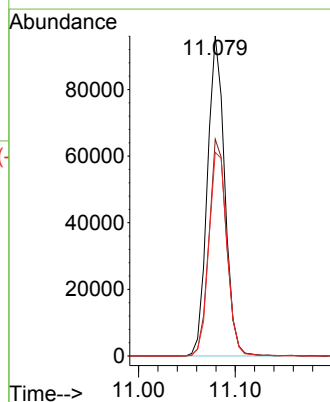
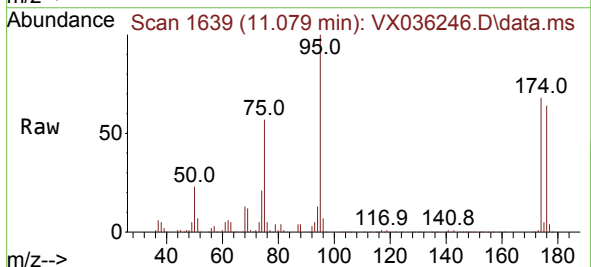
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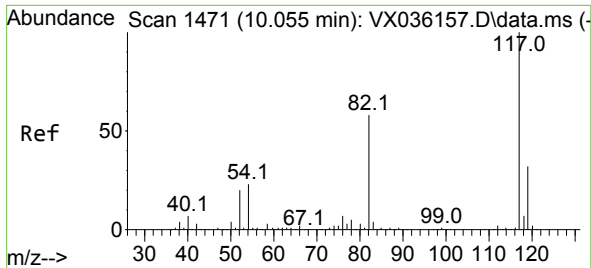
Tgt Ion: 92 Resp: 6254
Ion Ratio Lower Upper
92 100
91 169.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 42.693 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

Tgt Ion: 95 Resp: 119556
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 66.9 0.0 131.0

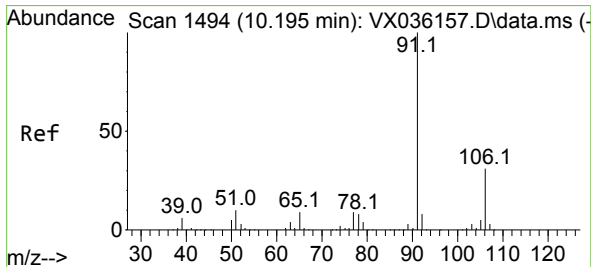
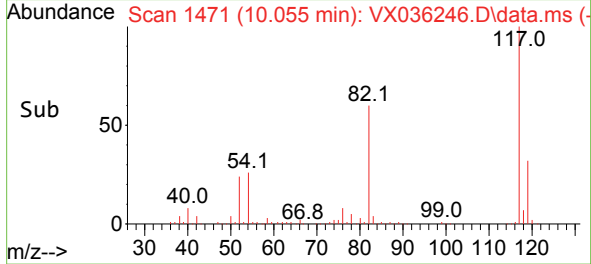
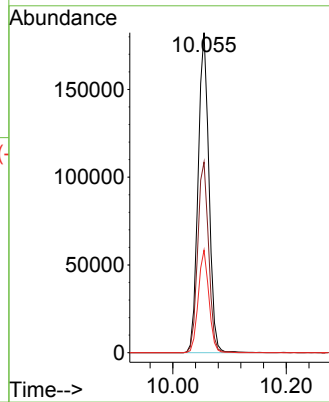
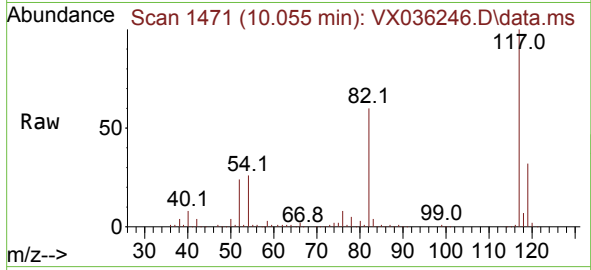




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

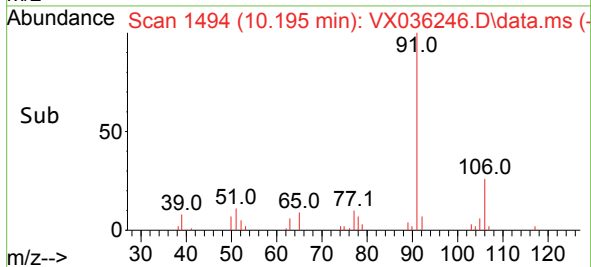
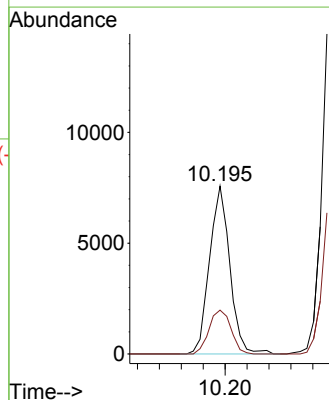
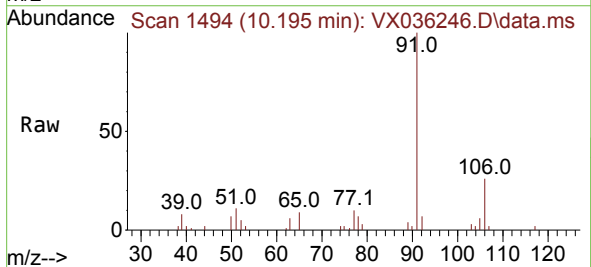
Instrument :
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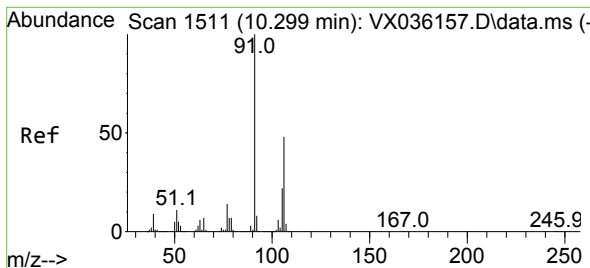
Tgt Ion:117 Resp: 241290
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 1.091 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

Tgt Ion: 91 Resp: 9743
Ion Ratio Lower Upper
91 100
106 26.2 24.9 37.3

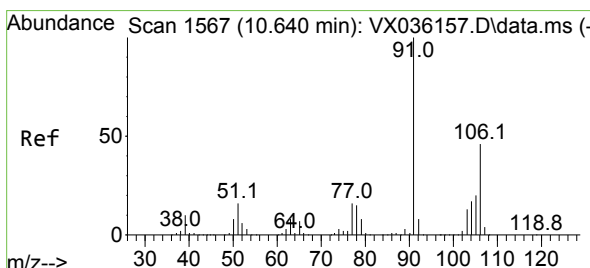
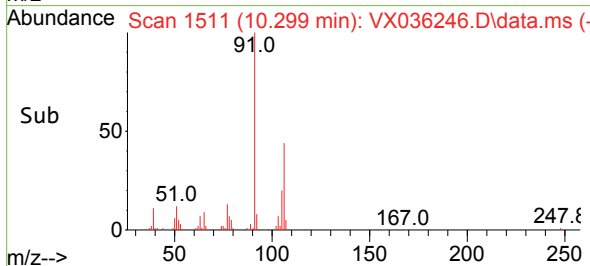
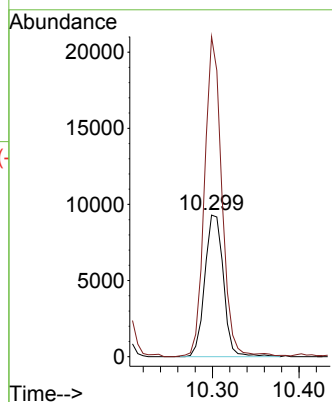
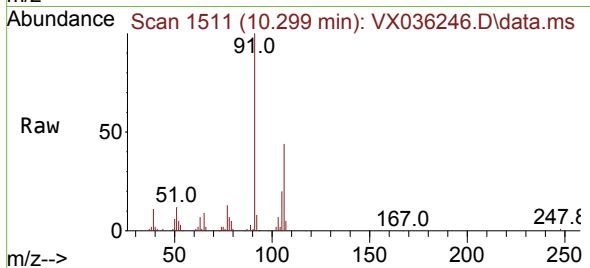




#68
m/p-Xylenes
Concen: 4.118 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

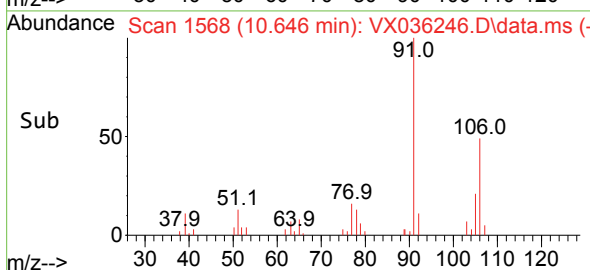
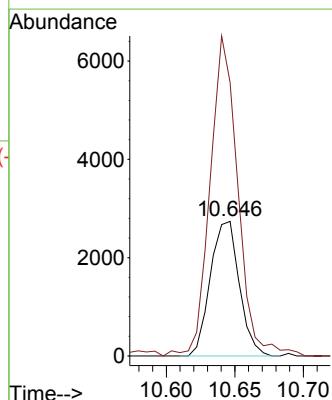
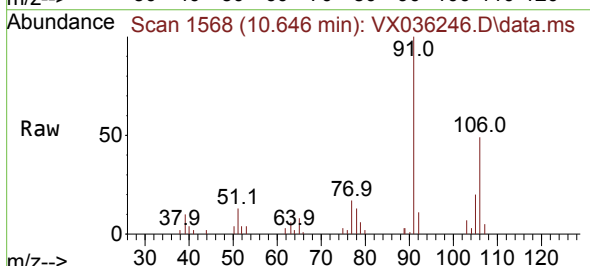
Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion:106 Resp: 13874
Ion Ratio Lower Upper
106 100
91 210.8 165.5 248.3

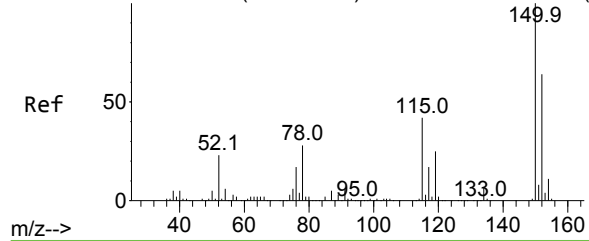


#69
o-Xylene
Concen: 1.210 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

Tgt Ion:106 Resp: 4021
Ion Ratio Lower Upper
106 100
91 228.4 108.9 326.8



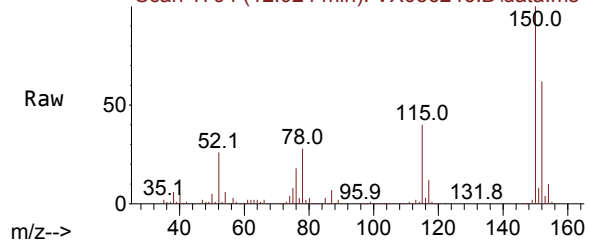
Abundance Scan 1794 (12.024 min): VX036157.D\data.ms (- #72



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036246.D
Acq: 20 Jun 2023 16:27

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Abundance Scan 1794 (12.024 min): VX036246.D\data.ms



Tgt	Ion:152	Resp:	105904
Ion	Ratio	Lower	Upper
152	100		
115	65.4	43.3	129.9
150	159.0	0.0	345.0

