

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044558.D
 Acq On : 30 Dec 2024 20:48
 Operator : JC/MD
 Sample : P5376-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20241219

Quant Time: Dec 31 00:38:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

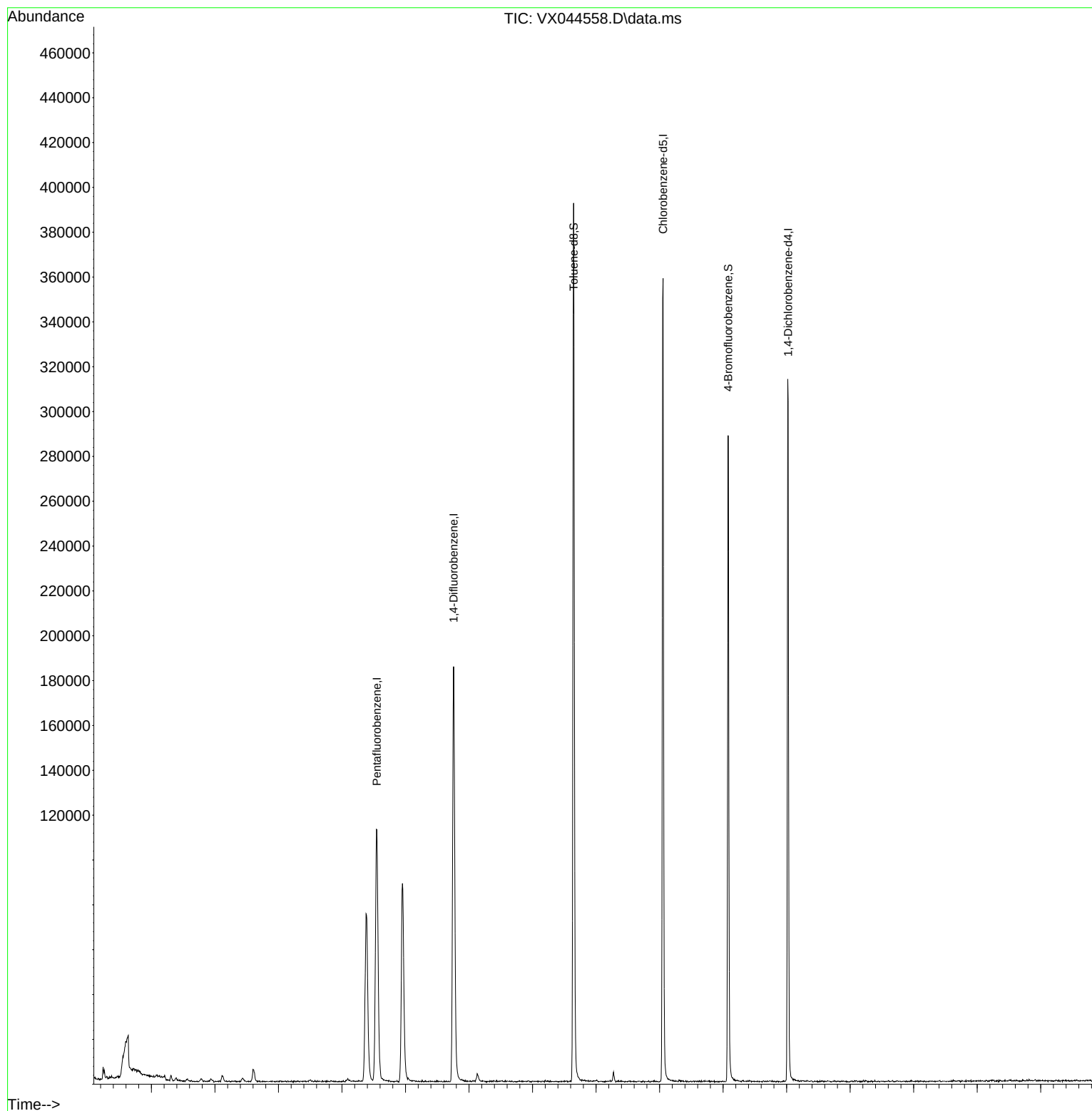
Internal Standards						
1) Pentafluorobenzene	5.550	168	105027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84530	45.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.800%		
35) Dibromofluoromethane	5.385	113	65178	50.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.100%		
50) Toluene-d8	8.647	98	233818	53.751	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.500%		
62) 4-Bromofluorobenzene	11.079	95	73565	48.398	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.800%		
Target Compounds						
3) Chloromethane	1.300	50	654	0.421	ug/l	89
12) 1,1-Dichloroethene	2.306	96	599	0.509	ug/l	92
16) Acetone	2.386	43	1084	1.444	ug/l #	77
19) Methyl tert-butyl Ether	3.117	73	2758	0.600	ug/l	94
20) Methylene Chloride	2.794	84	604	0.428	ug/l #	64
24) 1,1-Dichloroethane	3.599	63	6222	2.528	ug/l #	91
30) Chloroform	5.092	83	1222	0.442	ug/l	92
44) Trichloroethene	7.129	130	1465	1.161	ug/l	88
64) Tetrachloroethene	9.269	164	722	0.666	ug/l	84

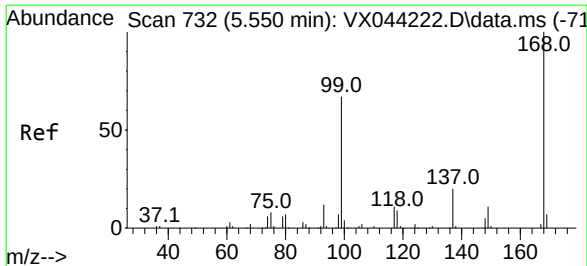
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 04:28:14 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 73

Delta R.T. -0.000 min

Lab File: VX044558.D

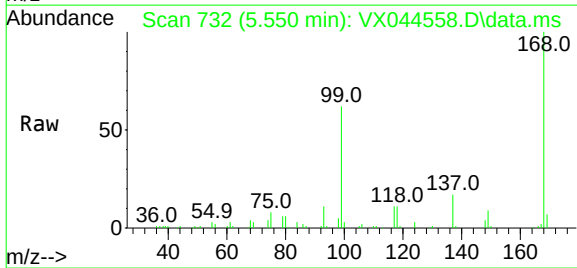
Acq: 30 Dec 2024 20:48

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20241219

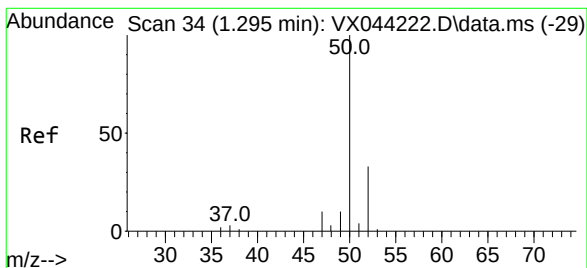
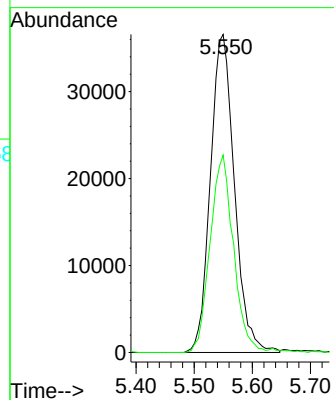
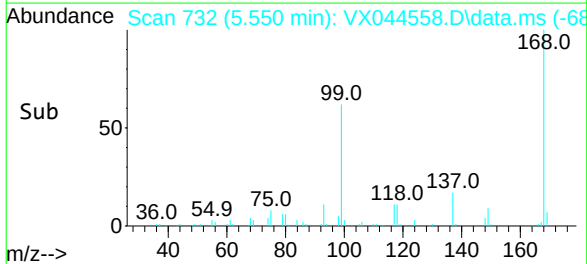


Tgt Ion:168 Resp: 105027

Ion Ratio Lower Upper

168 100

99 62.1 53.4 80.0



#3

Chloromethane

Concen: 0.421 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX044558.D

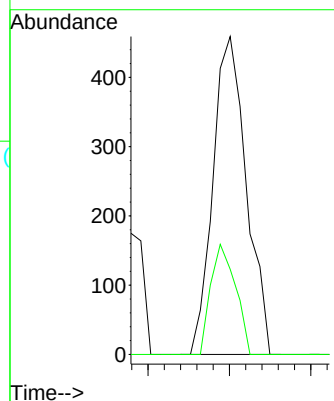
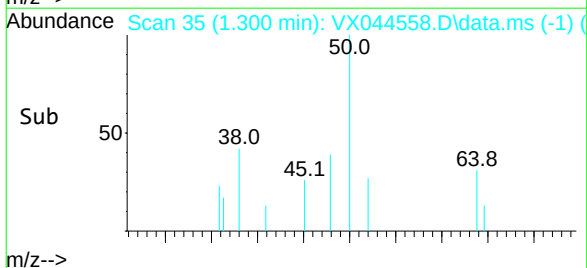
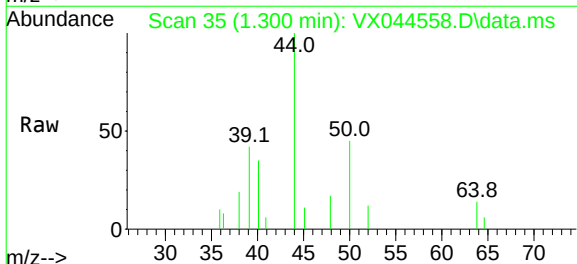
Acq: 30 Dec 2024 20:48

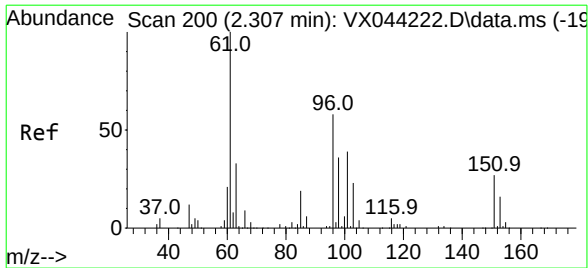
Tgt Ion: 50 Resp: 654

Ion Ratio Lower Upper

50 100

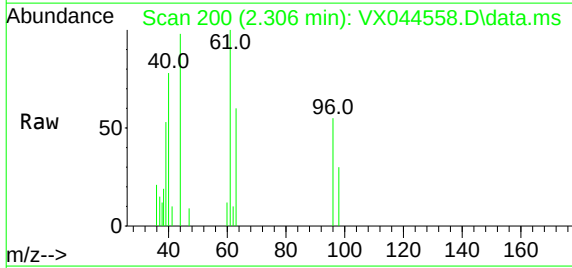
52 26.8 26.5 39.7



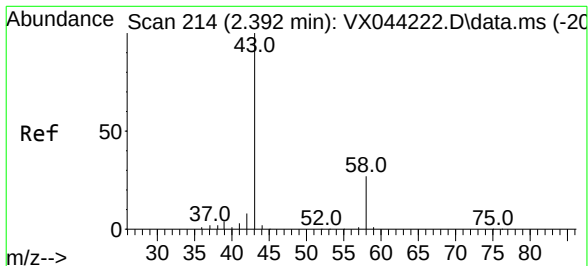
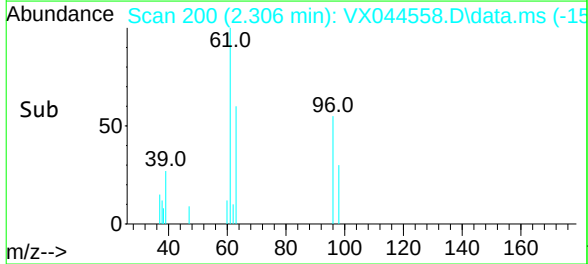
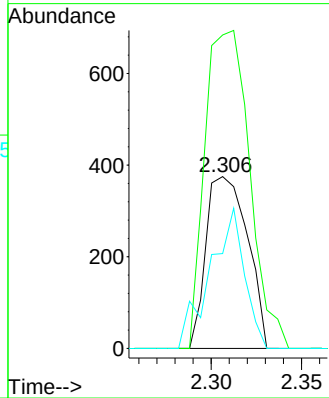


#12
1,1-Dichloroethene
Concen: 0.509 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044558.D
Acq: 30 Dec 2024 20:48

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20241219

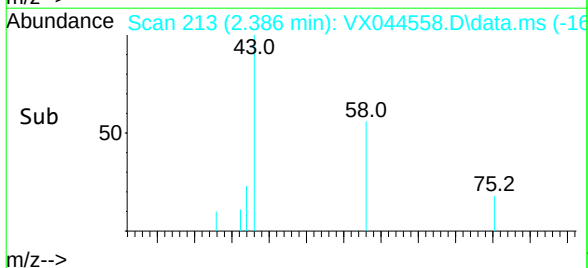
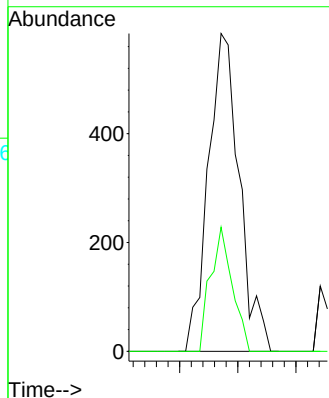
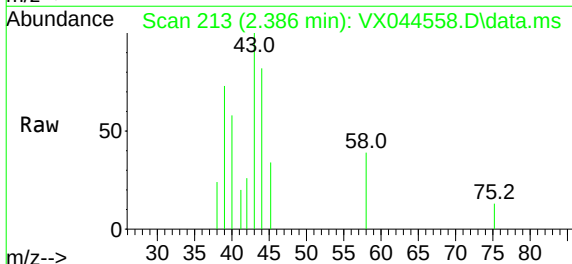


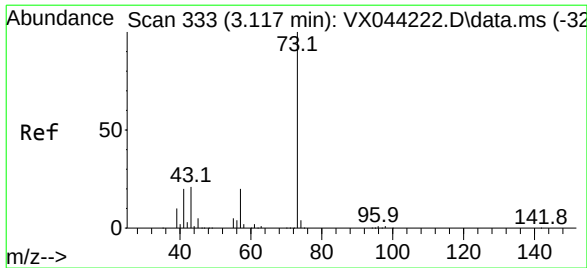
Tgt Ion: 96 Resp: 599
Ion Ratio Lower Upper
96 100
61 182.4 138.0 207.0
98 55.2 50.0 75.0



#16
Acetone
Concen: 1.444 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044558.D
Acq: 30 Dec 2024 20:48

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 39.0 21.6 32.4#

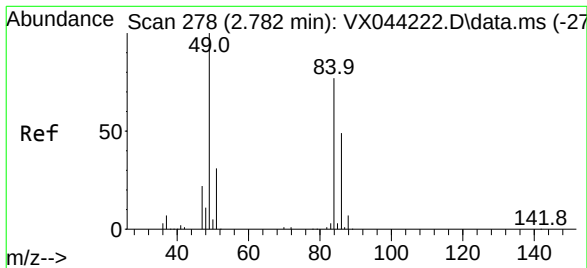
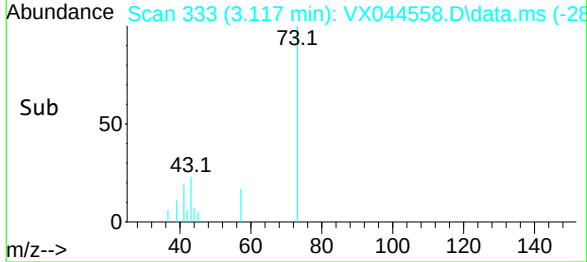
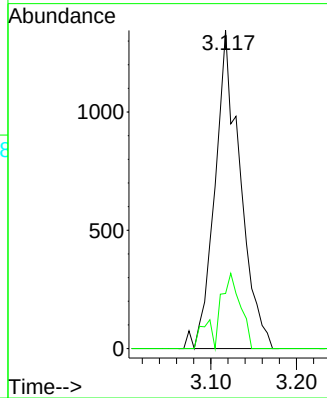
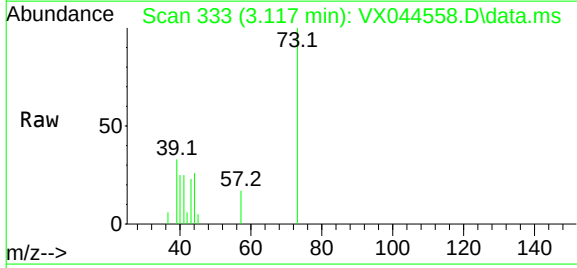




#19
Methyl tert-butyl Ether
Concen: 0.600 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044558.D
Acq: 30 Dec 2024 20:48

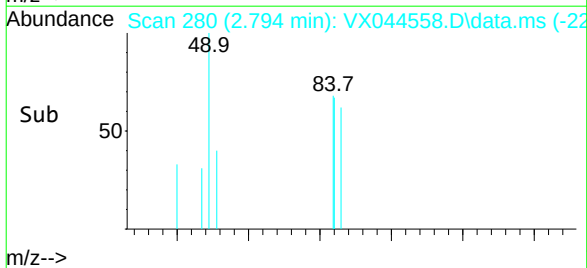
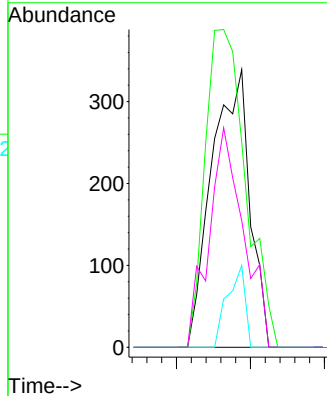
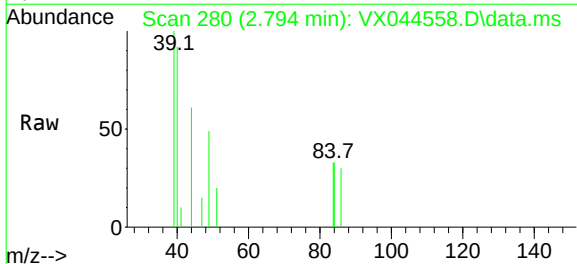
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20241219

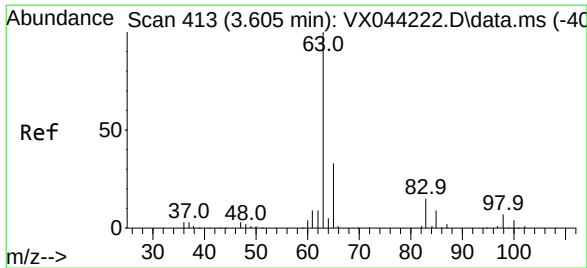
Tgt Ion: 73 Resp: 2758
Ion Ratio Lower Upper
73 100
57 17.3 16.2 24.4



#20
Methylene Chloride
Concen: 0.428 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX044558.D
Acq: 30 Dec 2024 20:48

Tgt Ion: 84 Resp: 604
Ion Ratio Lower Upper
84 100
49 74.0 104.2 156.4#
51 29.5 32.2 48.4#
86 45.7 50.9 76.3#





#24

1,1-Dichloroethane

Concen: 2.528 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044558.D

Acq: 30 Dec 2024 20:48

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20241219

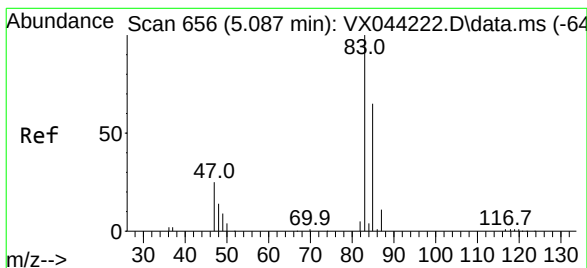
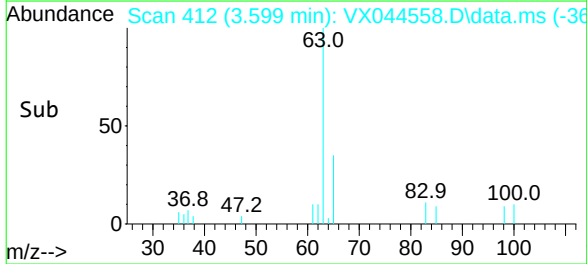
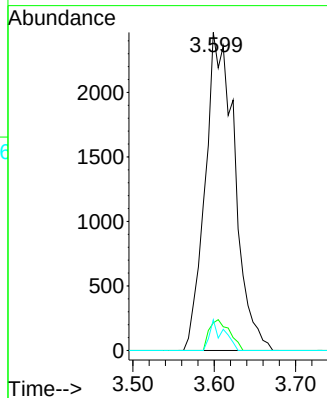
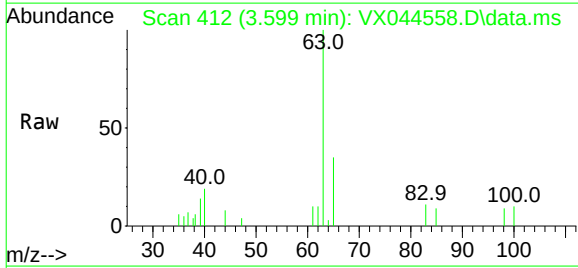
Tgt Ion: 63 Resp: 6222

Ion Ratio Lower Upper

63 100

98 8.7 3.6 10.8

100 9.7 2.1 6.3#



#30

Chloroform

Concen: 0.442 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044558.D

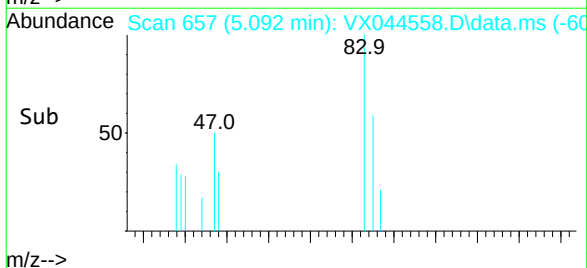
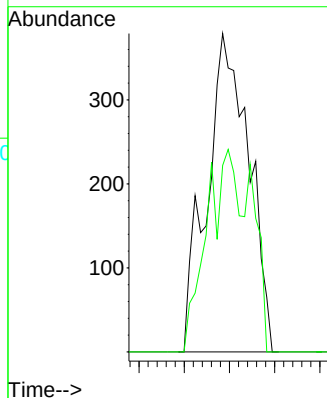
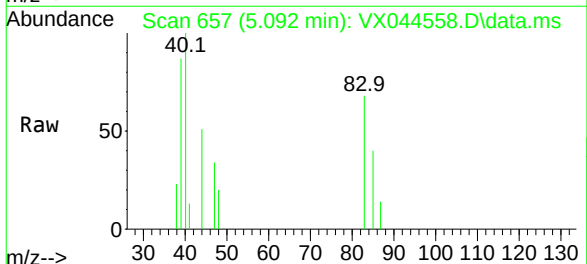
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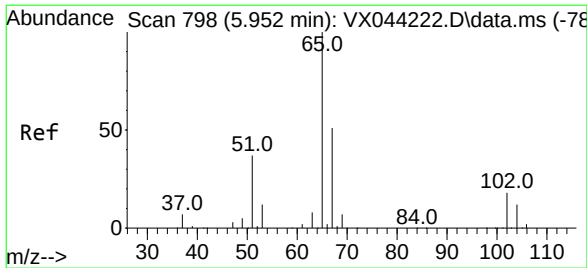
Tgt Ion: 83 Resp: 1222

Ion Ratio Lower Upper

83 100

85 58.6 51.6 77.4

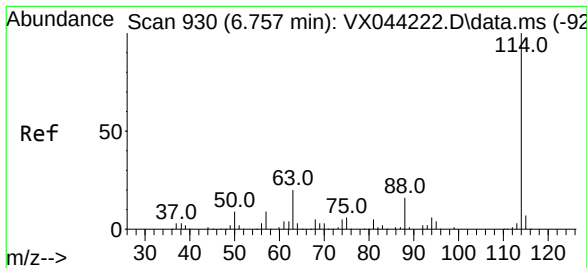
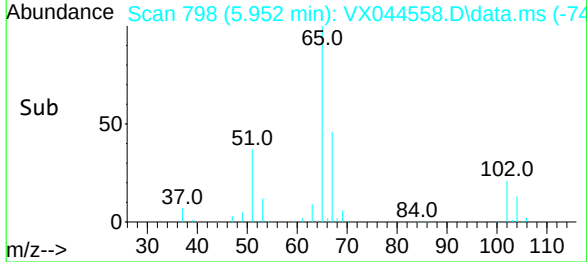
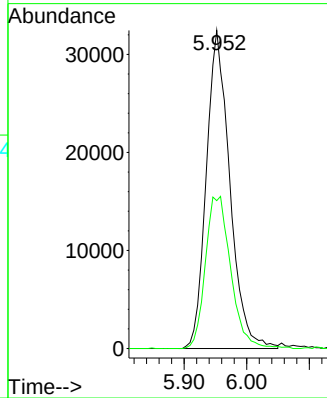
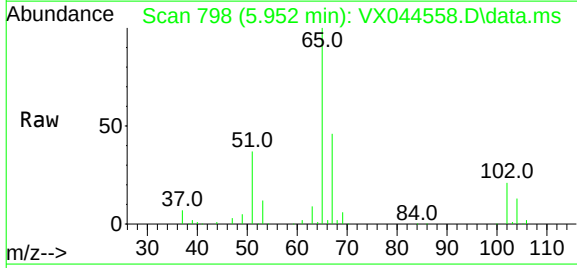




#33
1,2-Dichloroethane-d4
Concen: 45.904 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044558.D
Acq: 30 Dec 2024 20:48

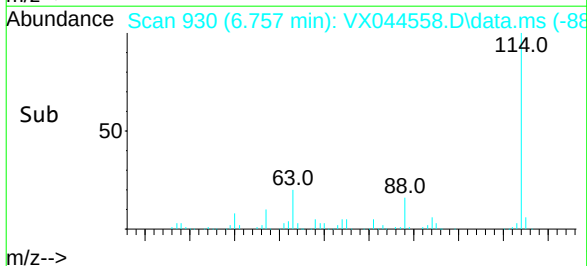
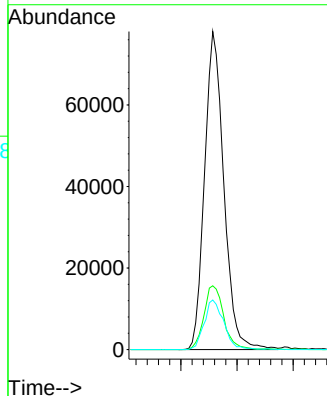
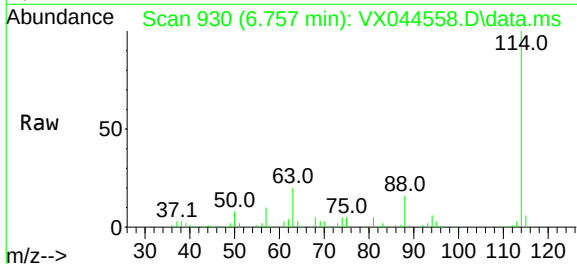
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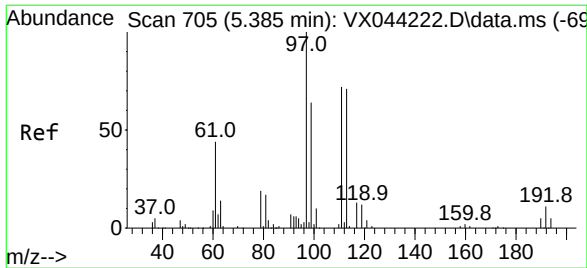
Tgt Ion: 65 Resp: 84530
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044558.D
Acq: 30 Dec 2024 20:48

Tgt Ion: 114 Resp: 186168
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.6
88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.550 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044558.D

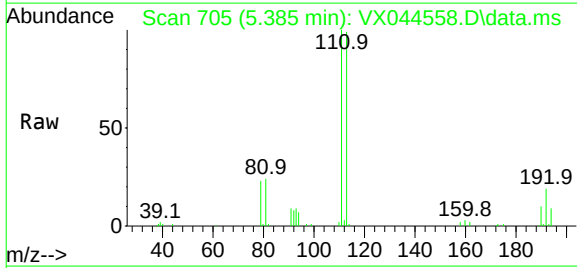
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Instrument :

MSVOA_X

ClientSampleId :

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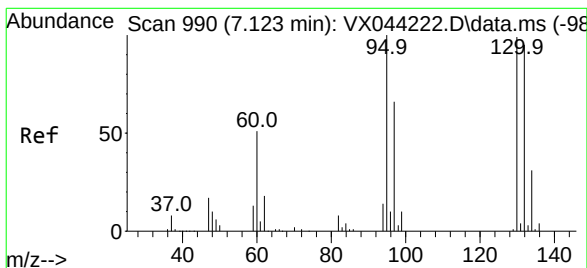
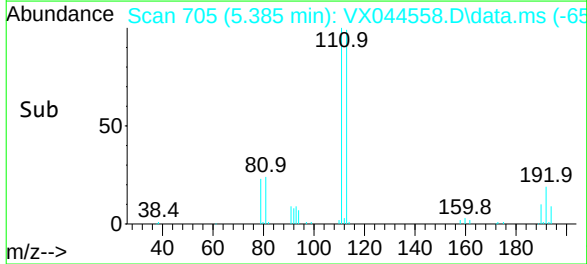
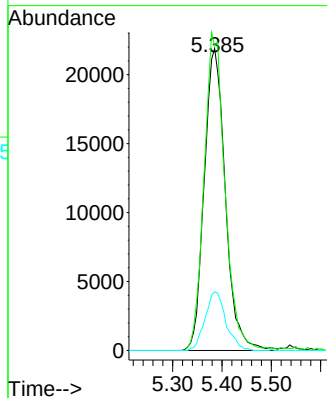
Tgt Ion:113 Resp: 65178

Ion Ratio Lower Upper

113 100

111 103.9 80.4 120.6

192 19.2 13.3 19.9



#44

Trichloroethene

Concen: 1.161 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX044558.D

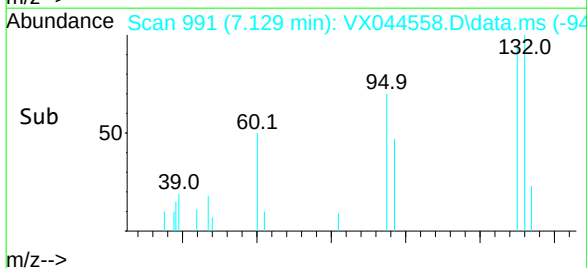
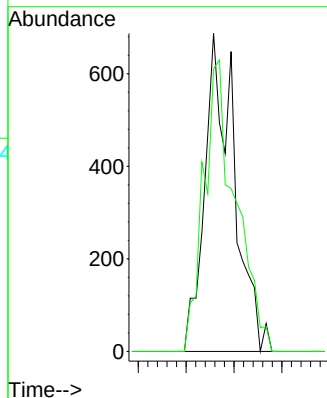
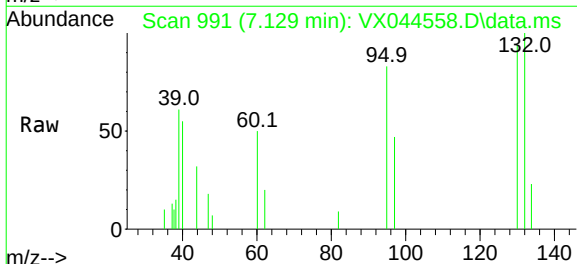
Acq: 30 Dec 2024 20:48

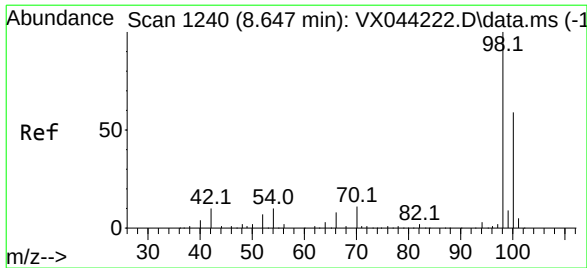
Tgt Ion:130 Resp: 1465

Ion Ratio Lower Upper

130 100

95 88.9 0.0 201.4

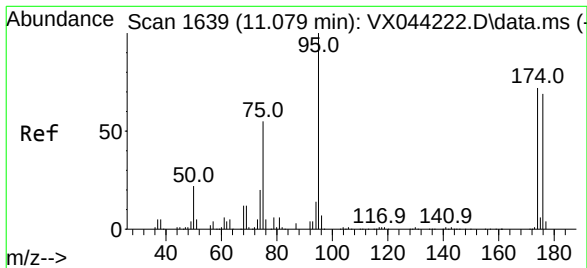
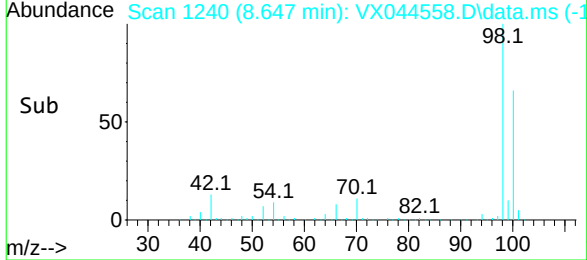
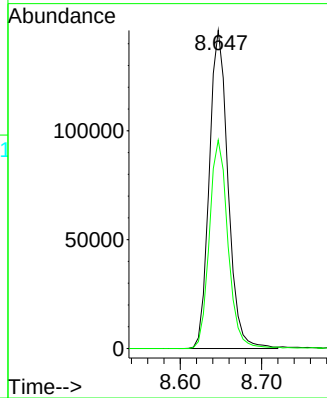
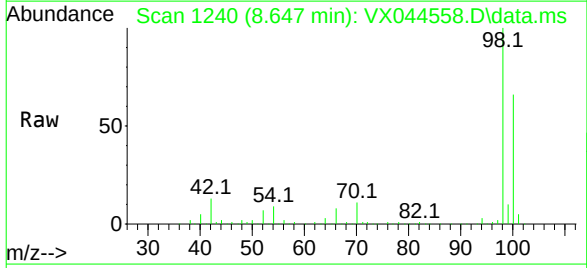




#50
Toluene-d8
Concen: 53.751 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044558.D
Acq: 30 Dec 2024 20:48

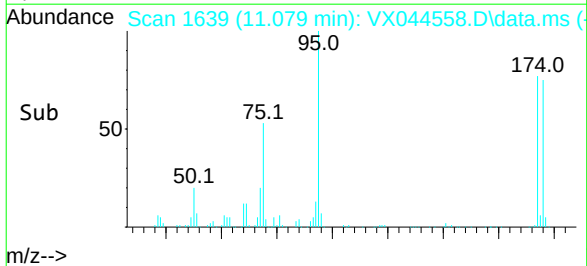
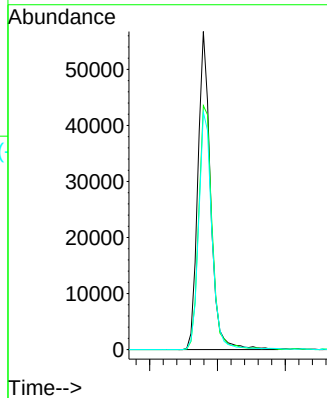
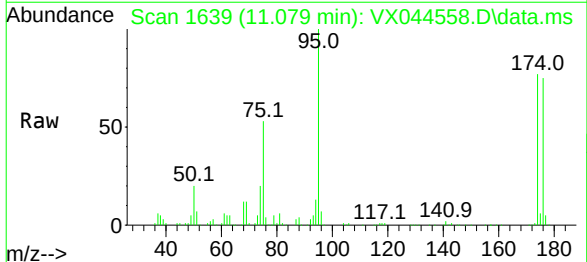
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TT161S1-20241219

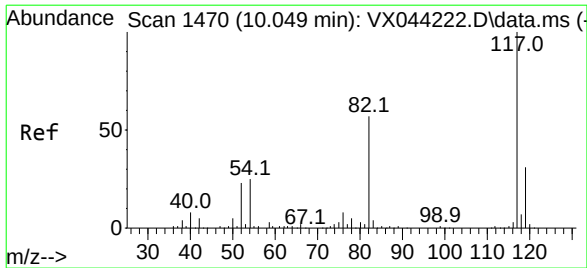
Tgt Ion: 98 Resp: 233818
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044558.D
Acq: 30 Dec 2024 20:48

Tgt Ion: 95 Resp: 73565
Ion Ratio Lower Upper
95 100
174 81.8 0.0 145.8
176 77.6 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044558.D

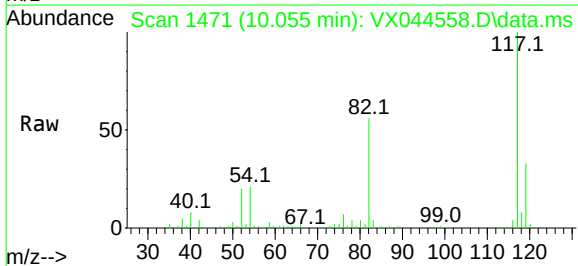
Acq: 30 Dec 2024 20:48

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20241219



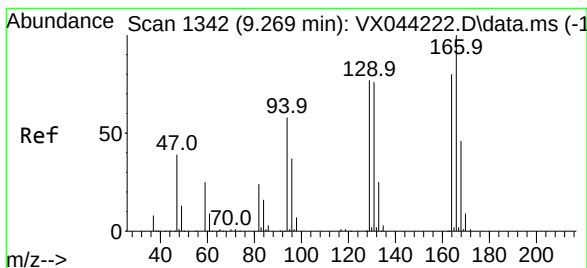
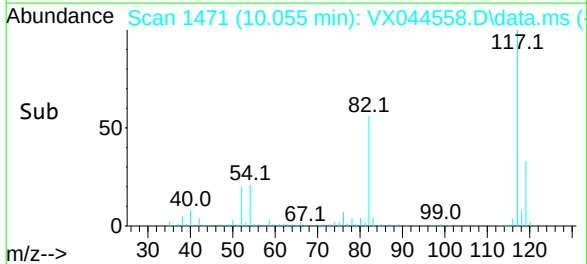
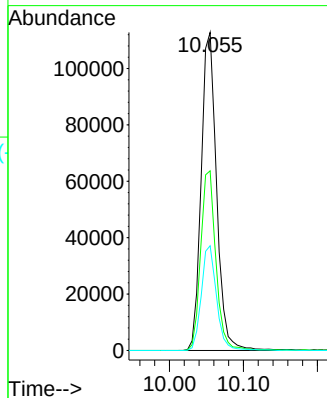
Tgt Ion:117 Resp: 163359

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.8

119 32.9 25.0 37.4



#64

Tetrachloroethene

Concen: 0.666 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044558.D

Acq: 30 Dec 2024 20:48

Tgt Ion:164 Resp: 722

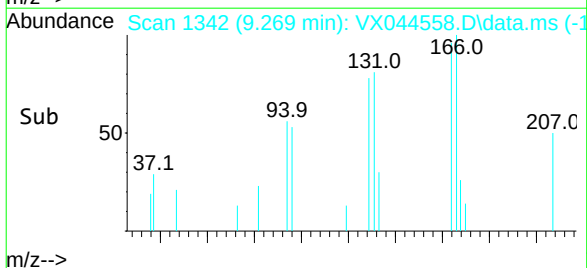
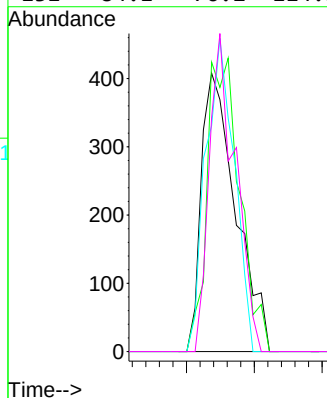
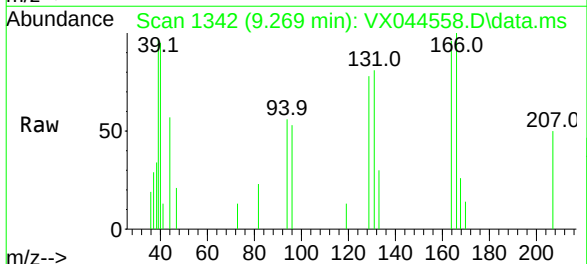
Ion Ratio Lower Upper

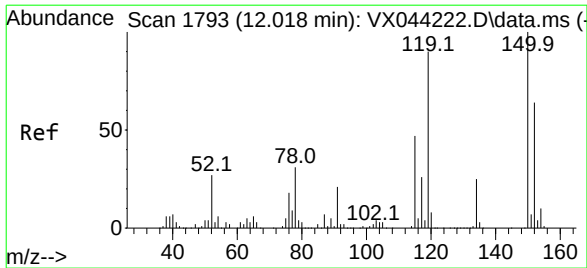
164 100

166 103.9 100.4 150.6

129 81.1 77.2 115.8

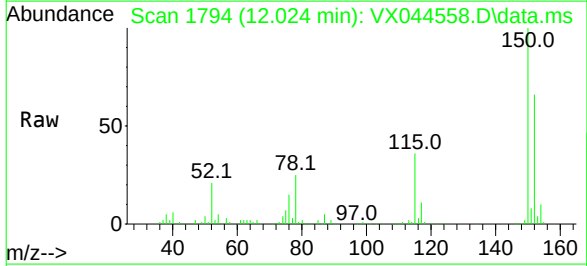
131 84.1 76.2 114.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VX044558.D
 Acq: 30 Dec 2024 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20241219



Tgt Ion:	152	Resp:	66627
Ion	Ratio	Lower	Upper
152	100		
115	58.9	44.5	133.3
150	159.3	0.0	353.8

