

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045540.D
 Acq On : 02 Apr 2025 12:30
 Operator : JC/MD
 Sample : Q1697-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IW-01-55-040125

Quant Time: Apr 03 01:49:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

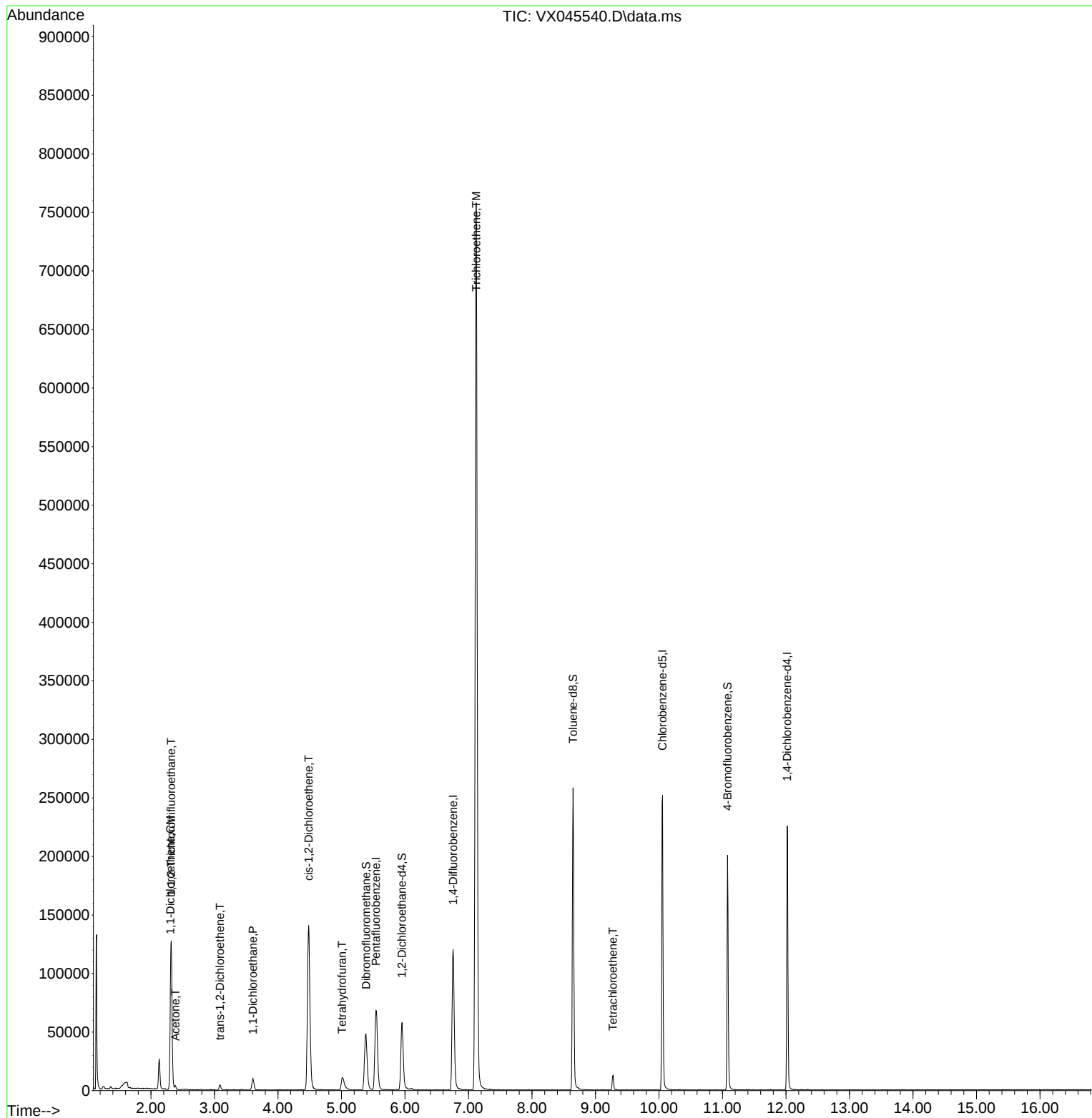
Internal Standards						
1) Pentafluorobenzene	5.544	168	60052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	115456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56822	51.741	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.480%		
35) Dibromofluoromethane	5.385	113	42428	51.794	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.580%		
50) Toluene-d8	8.647	98	147275	51.509	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.020%		
62) 4-Bromofluorobenzene	11.079	95	50659	48.642	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 97.280%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	45632	61.849	ug/l	97
12) 1,1-Dichloroethene	2.307	96	6210	8.614	ug/l	92
16) Acetone	2.386	43	3401	7.542	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	1914	2.599	ug/l #	72
24) 1,1-Dichloroethane	3.605	63	10925	7.169	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	84235	93.874	ug/l	90
29) Tetrahydrofuran	5.007	42	11573	27.042	ug/l	95
44) Trichloroethene	7.123	130	275862	343.590	ug/l	97
64) Tetrachloroethene	9.275	164	2322	3.131	ug/l	91

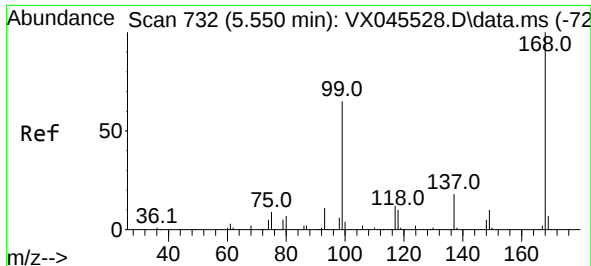
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
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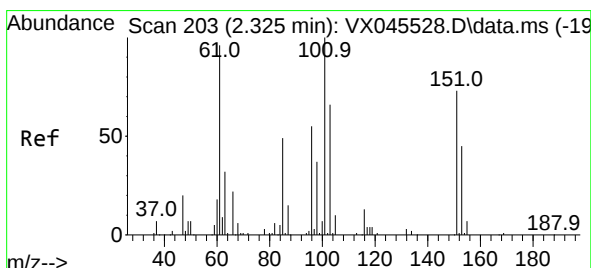
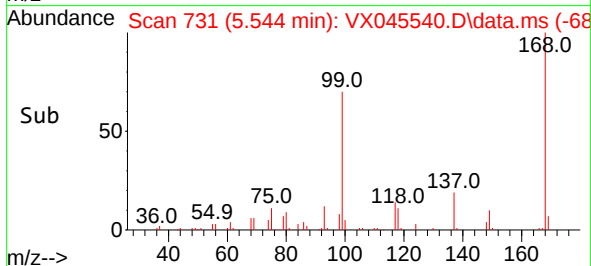
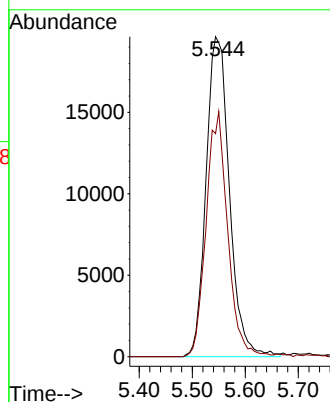
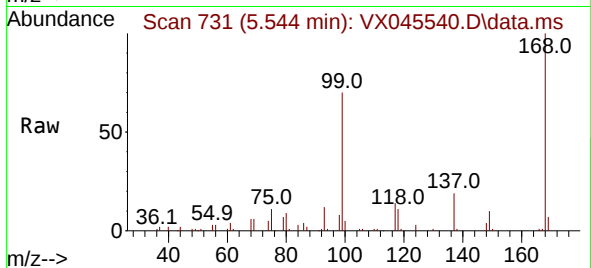




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

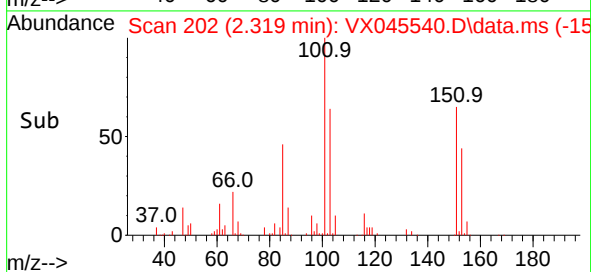
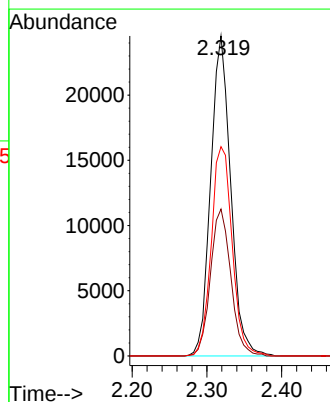
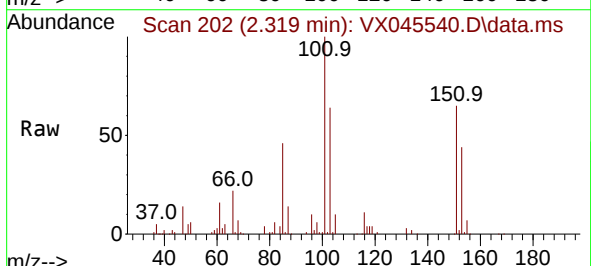
Instrument :
MSVOA_X
ClientSampleId :
IW-01-55-040125

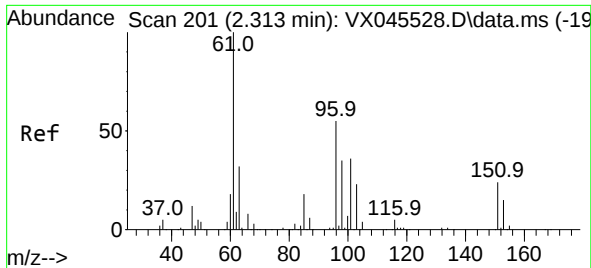
Tgt Ion:168 Resp: 60052
Ion Ratio Lower Upper
168 100
99 69.7 52.3 78.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.849 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

Tgt Ion:101 Resp: 45632
Ion Ratio Lower Upper
101 100
85 46.9 38.9 58.3
151 68.5 57.5 86.3

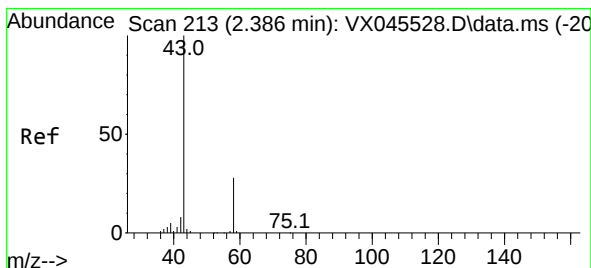
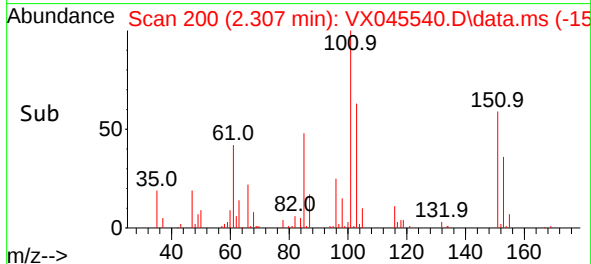
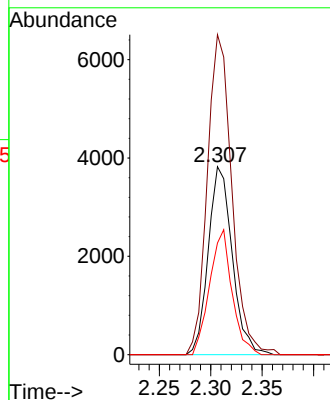
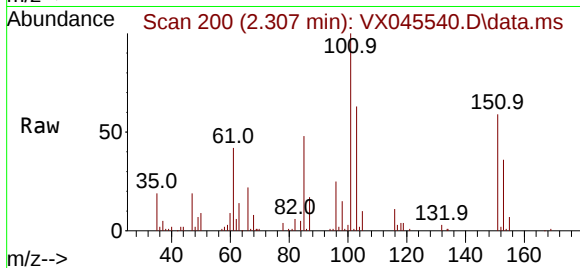




#12
1,1-Dichloroethene
Concen: 8.614 ug/l
RT: 2.307 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

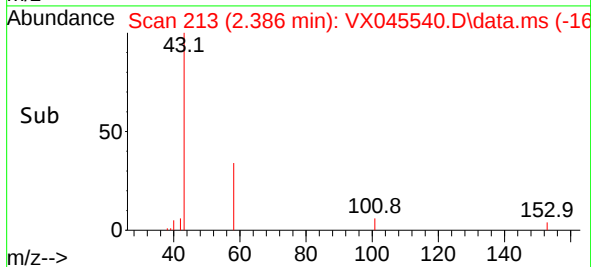
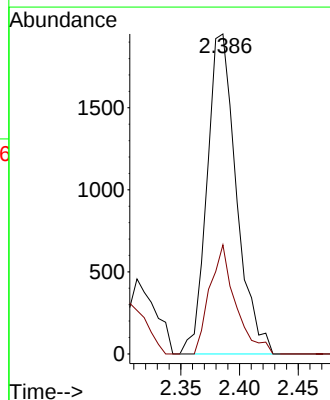
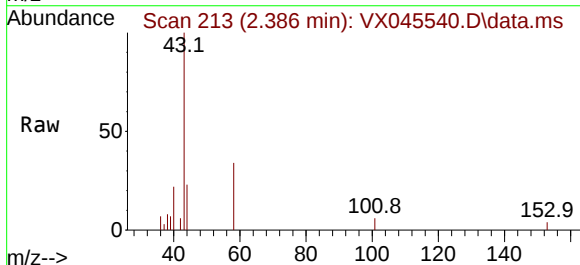
Instrument :
MSVOA_X
ClientSampleId :
IW-01-55-040125

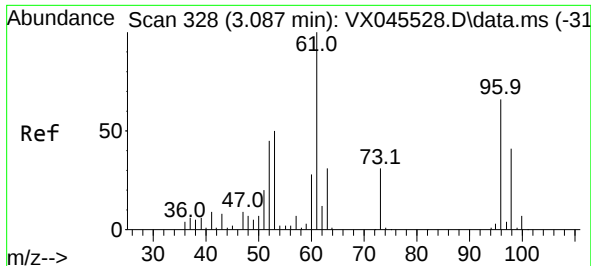
Tgt Ion: 96 Resp: 6210
Ion Ratio Lower Upper
96 100
61 170.2 145.7 218.5
98 59.4 51.6 77.4



#16
Acetone
Concen: 7.542 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

Tgt Ion: 43 Resp: 3401
Ion Ratio Lower Upper
43 100
58 34.1 22.3 33.5#

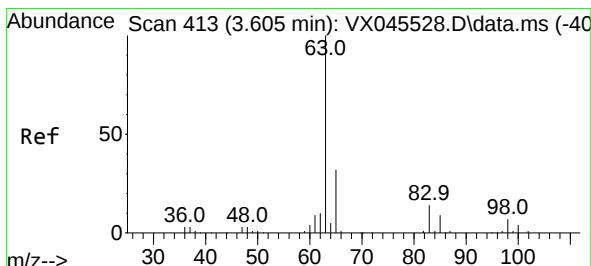
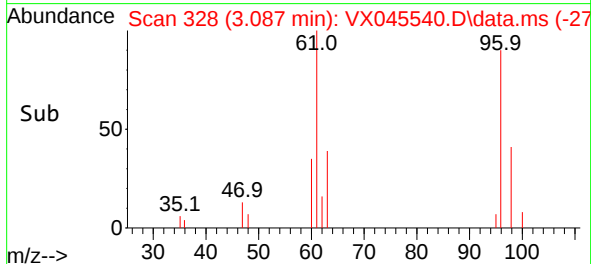
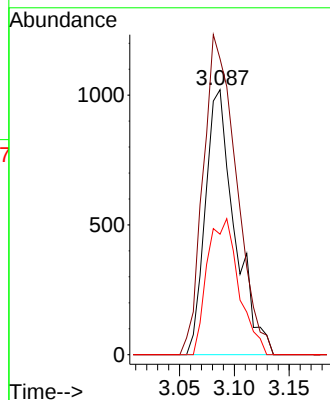
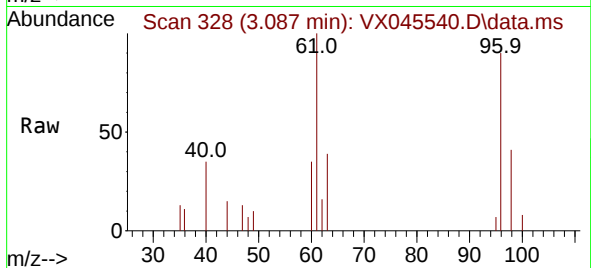




#21
trans-1,2-Dichloroethene
Concen: 2.599 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

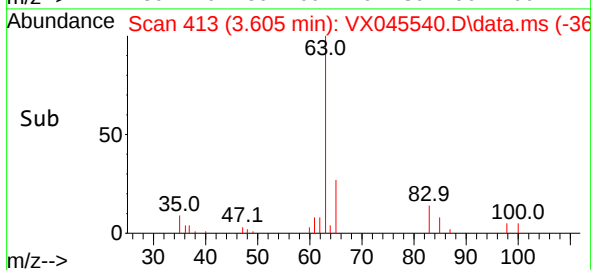
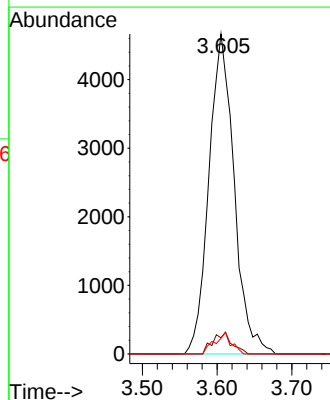
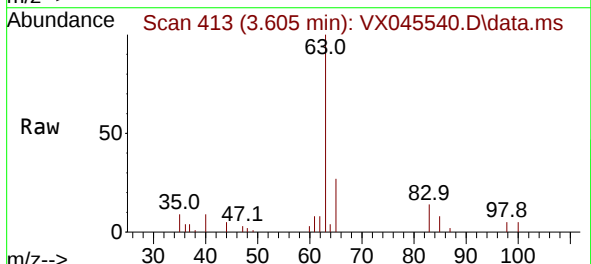
Instrument :
MSVOA_X
ClientSampleId :
IW-01-55-040125

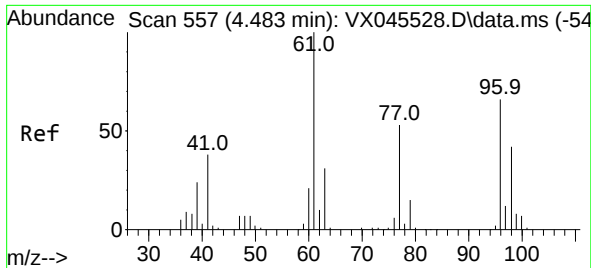
Tgt Ion: 96 Resp: 1914
Ion Ratio Lower Upper
96 100
61 111.7 121.0 181.6#
98 45.4 49.7 74.5#



#24
1,1-Dichloroethane
Concen: 7.169 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

Tgt Ion: 63 Resp: 10925
Ion Ratio Lower Upper
63 100
98 5.1 3.4 10.1
100 4.9 2.2 6.6





#27

cis-1,2-Dichloroethene

Concen: 93.874 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045540.D

Acq: 02 Apr 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

IW-01-55-040125

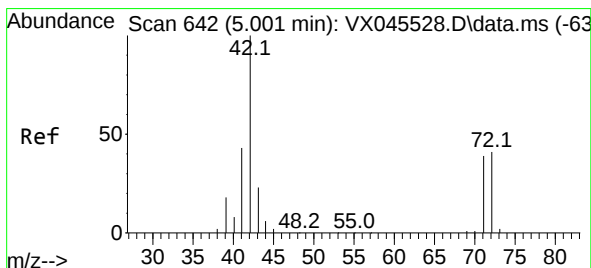
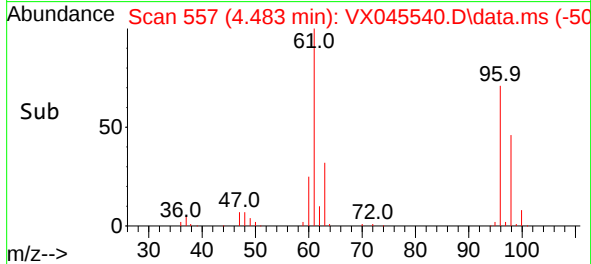
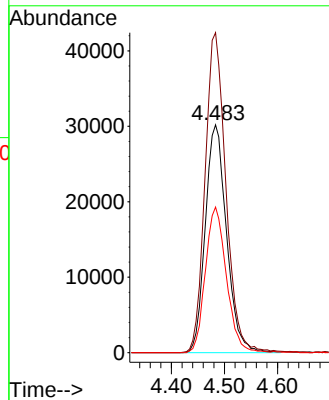
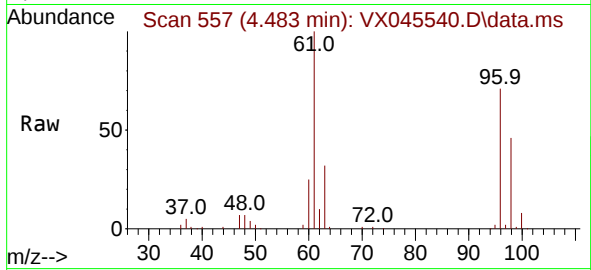
Tgt Ion: 96 Resp: 84235

Ion Ratio Lower Upper

96 100

61 137.8 0.0 313.2

98 63.1 0.0 126.4



#29

Tetrahydrofuran

Concen: 27.042 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX045540.D

Acq: 02 Apr 2025 12:30

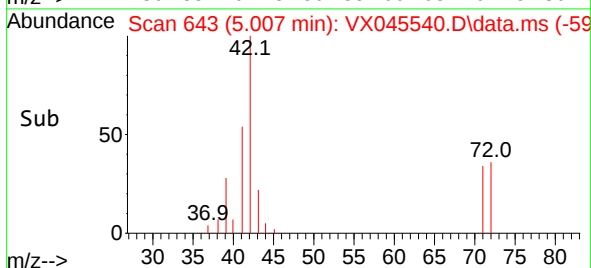
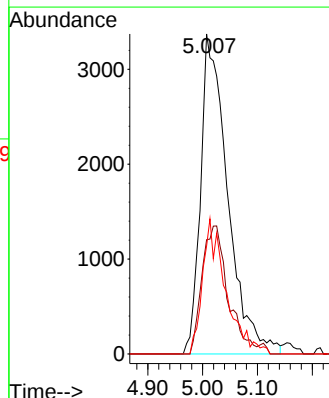
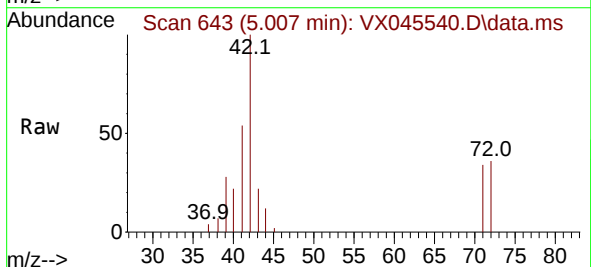
Tgt Ion: 42 Resp: 11573

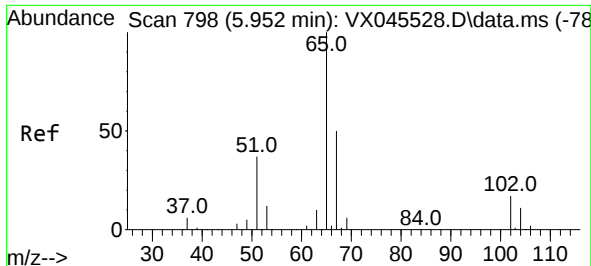
Ion Ratio Lower Upper

42 100

72 38.4 33.4 50.0

71 36.3 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 51.741 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045540.D

Acq: 02 Apr 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

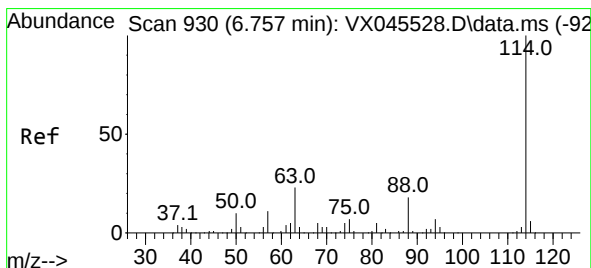
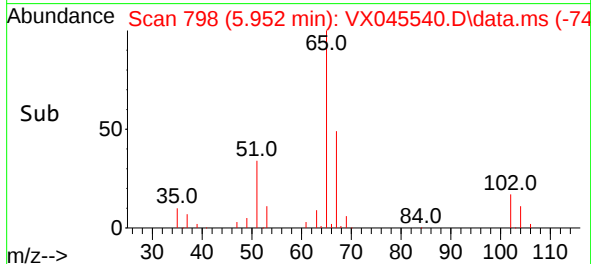
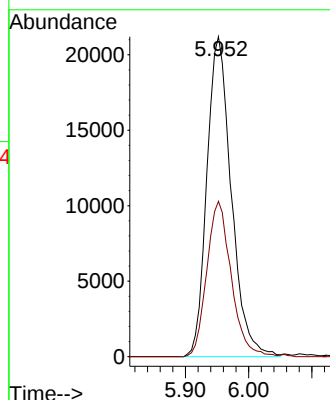
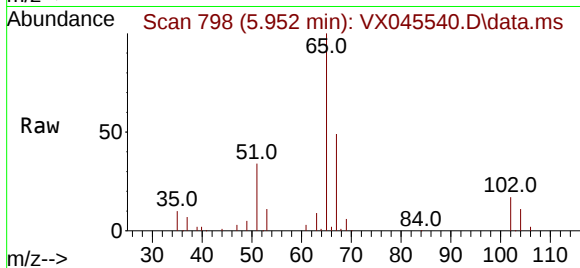
IW-01-55-040125

Tgt Ion: 65 Resp: 56822

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045540.D

Acq: 02 Apr 2025 12:30

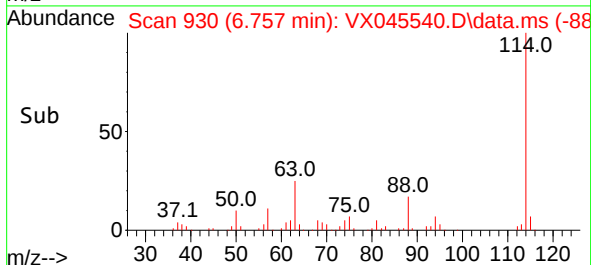
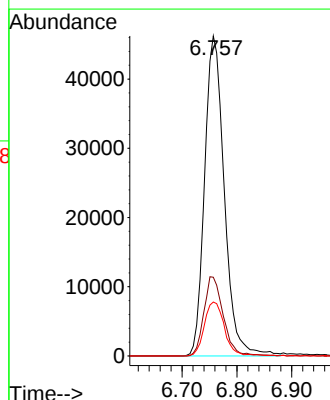
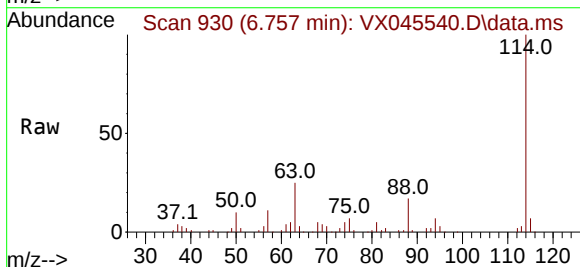
Tgt Ion: 114 Resp: 115456

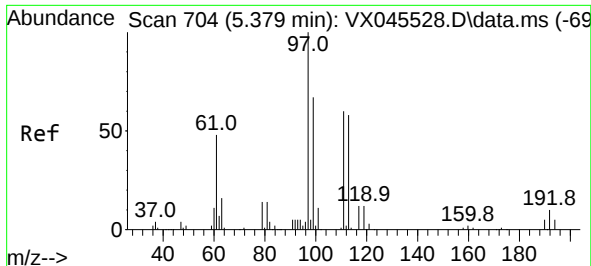
Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.8

88 16.8 0.0 35.4

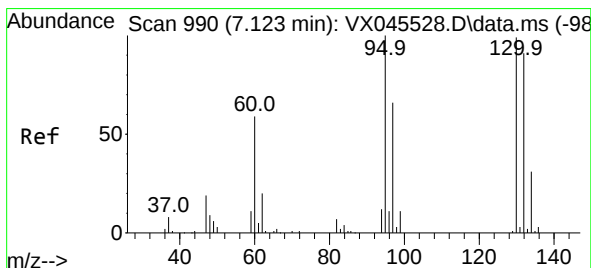
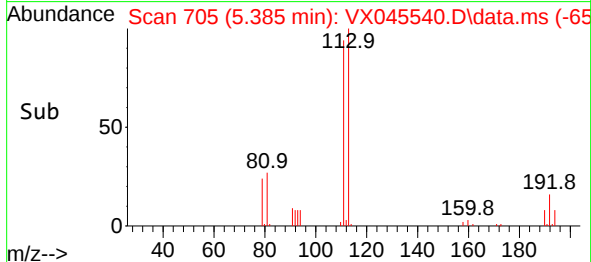
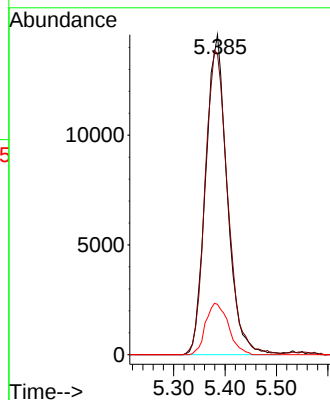
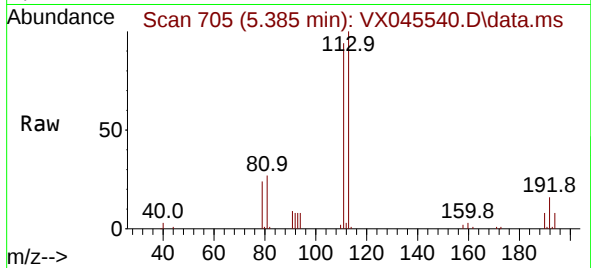




#35
Dibromofluoromethane
Concen: 51.794 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

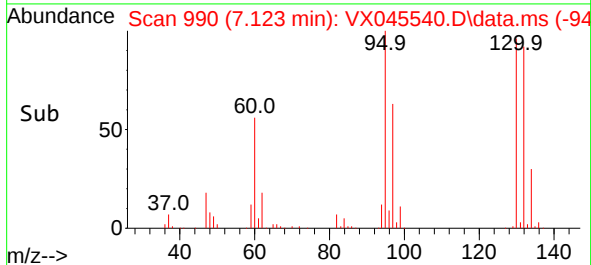
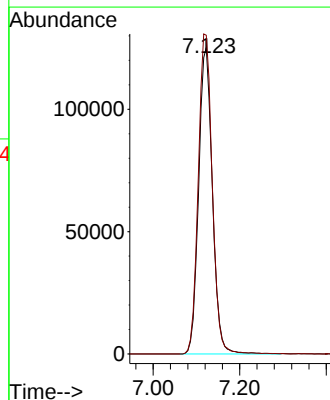
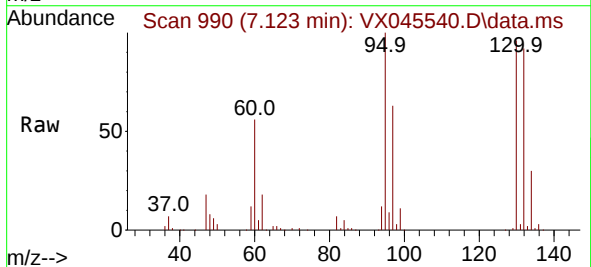
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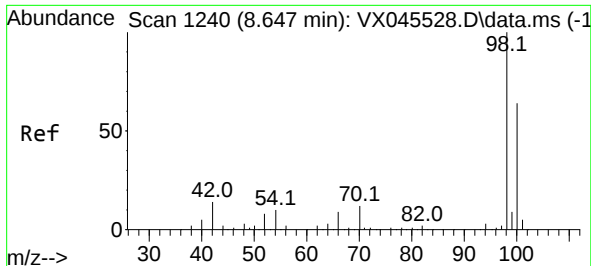
Tgt Ion:113 Resp: 42428
Ion Ratio Lower Upper
113 100
111 99.7 81.8 122.6
192 17.0 13.8 20.6



#44
Trichloroethene
Concen: 343.590 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

Tgt Ion:130 Resp: 275862
Ion Ratio Lower Upper
130 100
95 104.0 0.0 202.0

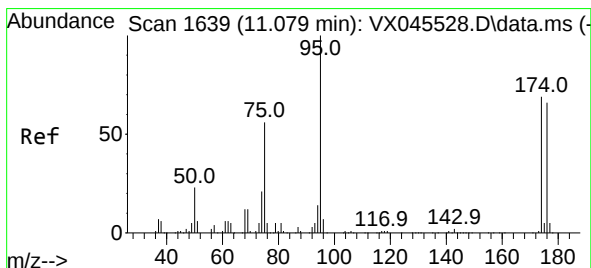
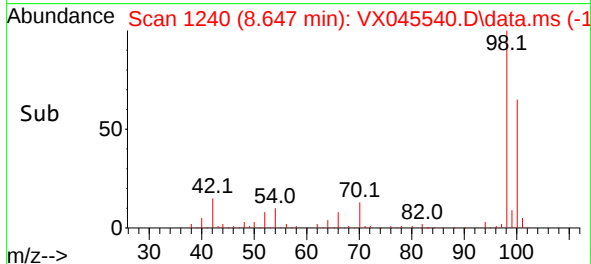
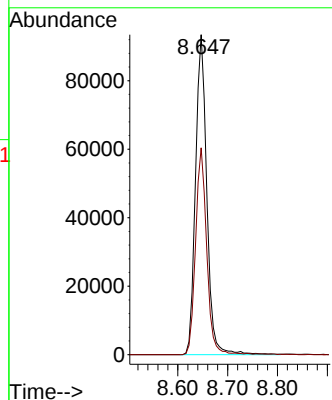
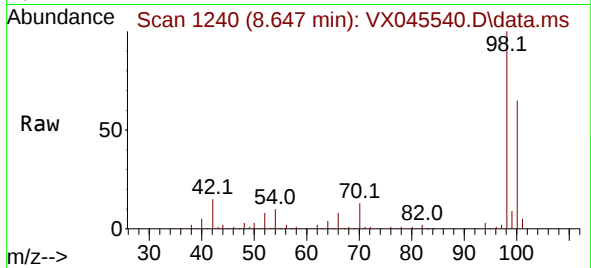




#50
Toluene-d8
Concen: 51.509 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

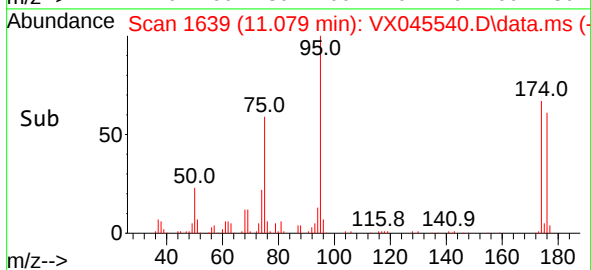
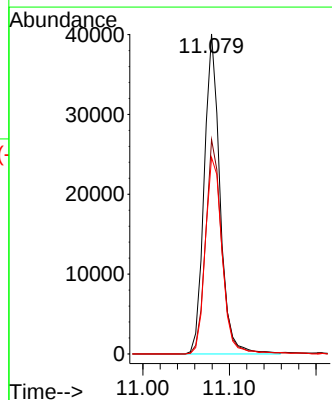
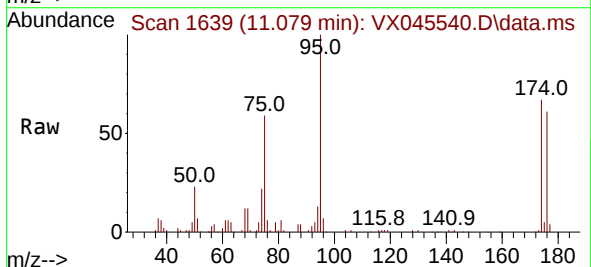
Instrument :
MSVOA_X
ClientSampleId :
IW-01-55-040125

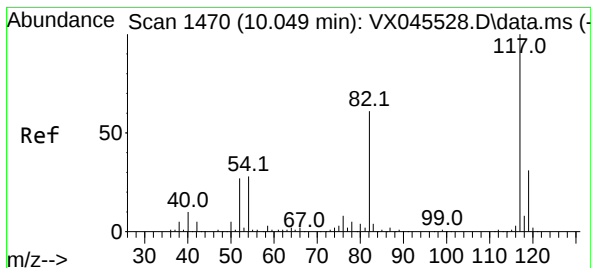
Tgt Ion: 98 Resp: 147275
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.642 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045540.D
Acq: 02 Apr 2025 12:30

Tgt Ion: 95 Resp: 50659
Ion Ratio Lower Upper
95 100
174 69.6 0.0 135.8
176 65.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045540.D

Acq: 02 Apr 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

IW-01-55-040125

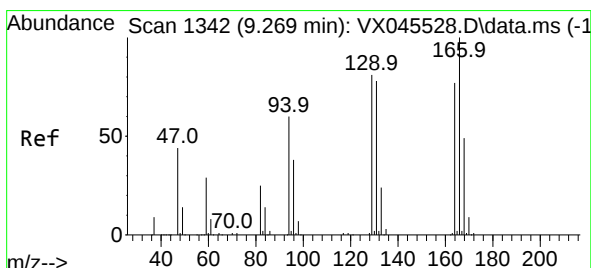
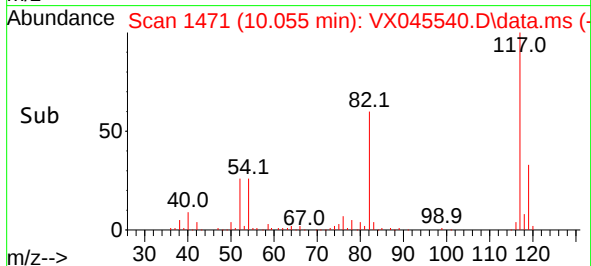
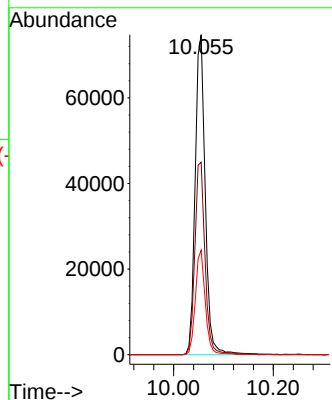
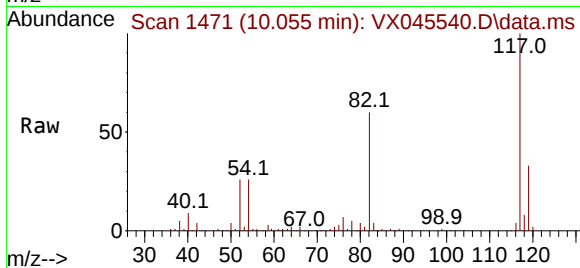
Tgt Ion:117 Resp: 105045

Ion Ratio Lower Upper

117 100

82 60.1 49.2 73.8

119 32.7 25.1 37.7



#64

Tetrachloroethene

Concen: 3.131 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX045540.D

Acq: 02 Apr 2025 12:30

Tgt Ion:164 Resp: 2322

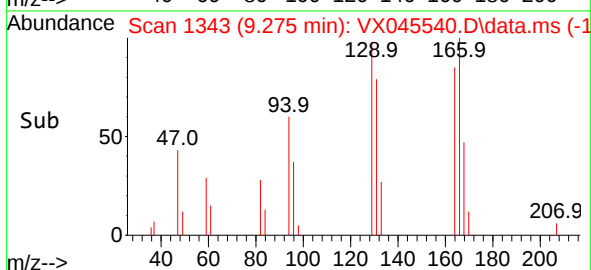
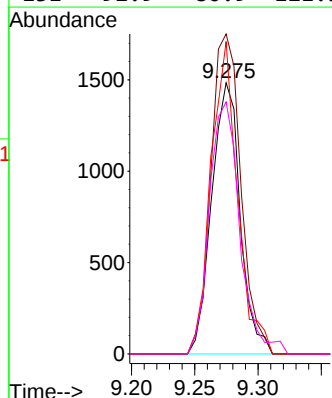
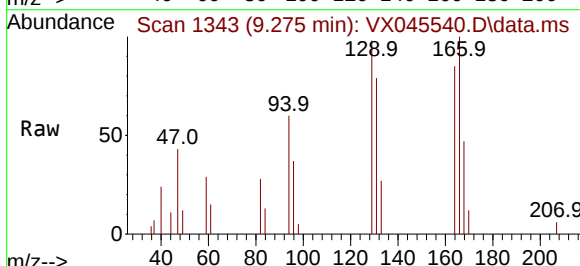
Ion Ratio Lower Upper

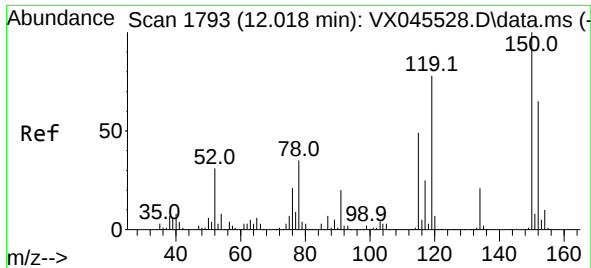
164 100

166 118.0 103.8 155.8

129 115.2 84.3 126.5

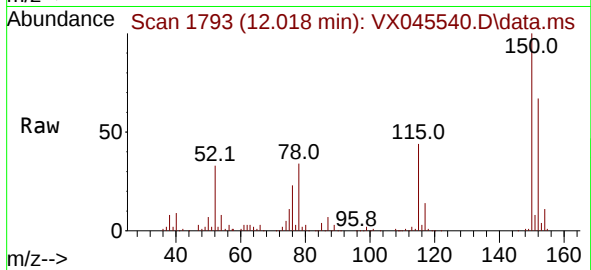
131 92.9 80.9 121.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045540.D
 Acq: 02 Apr 2025 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 IW-01-55-040125



Tgt Ion:152 Resp: 42637
 Ion Ratio Lower Upper
 152 100
 115 64.9 46.9 140.7
 150 153.6 0.0 349.4

