

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047754.D
 Acq On : 24 Sep 2025 06:16
 Operator : JC/MD
 Sample : Q3127-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20250915

Quant Time: Sep 24 07:10:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

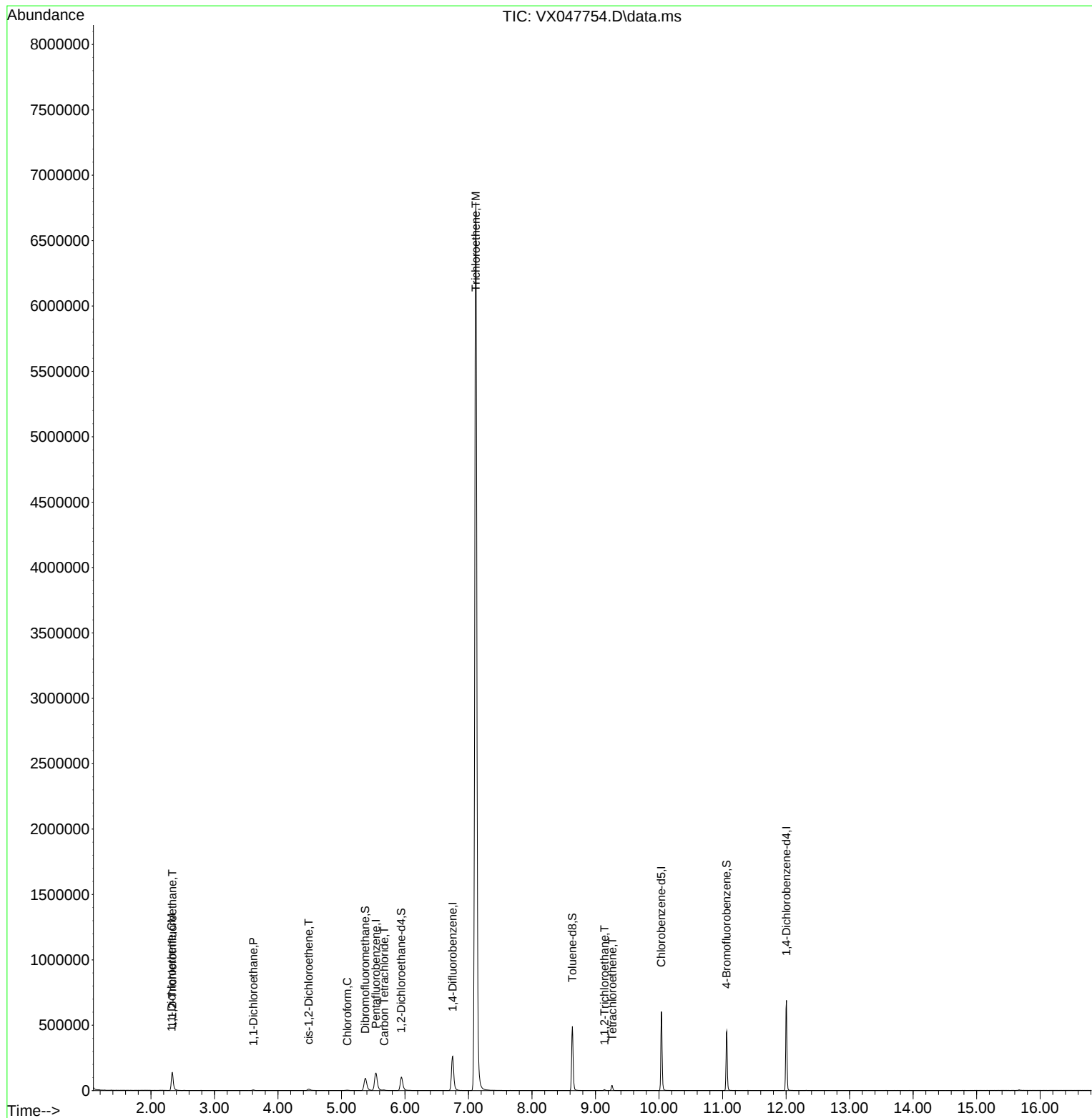
Internal Standards						
1) Pentafluorobenzene	5.544	168	139114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	287200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	275511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109177	49.304	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	98.600%	
35) Dibromofluoromethane	5.373	113	91968	47.748	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.500%	
50) Toluene-d8	8.634	98	303571	45.549	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.100%#	
62) 4-Bromofluorobenzene	11.061	95	132220	52.273	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.540%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	50996	31.693	ug/l	99
12) 1,1-Dichloroethene	2.325	96	16108	9.746	ug/l	94
24) 1,1-Dichloroethane	3.611	63	6635	1.889	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	7692	3.530	ug/l	93
30) Chloroform	5.092	83	4105	1.156	ug/l #	76
38) Carbon Tetrachloride	5.672	117	3459	1.131	ug/l	91
44) Trichloroethene	7.116	130	2850275	1379.149	ug/l	95
55) 1,1,2-Trichloroethane	9.140	97	2077	1.023	ug/l #	73
64) Tetrachloroethene	9.262	164	7900	4.399	ug/l	99

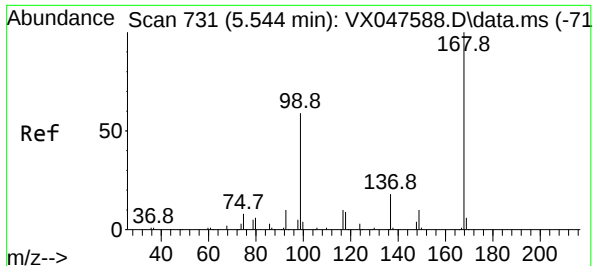
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
Data File : VX047754.D
Acq On : 24 Sep 2025 06:16
Operator : JC/MD
Sample : Q3127-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250915

Quant Time: Sep 24 07:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

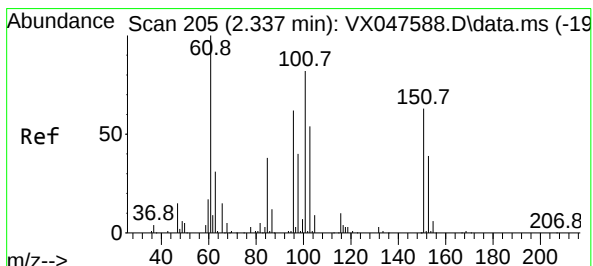
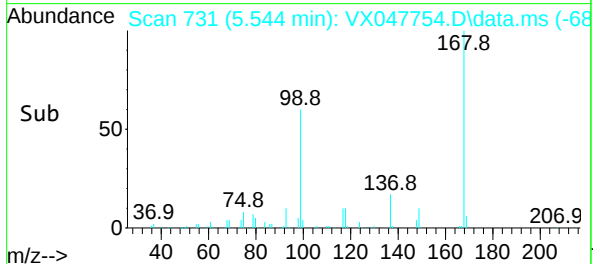
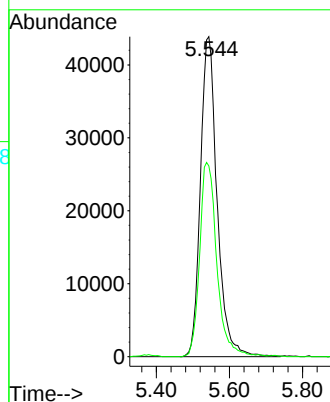
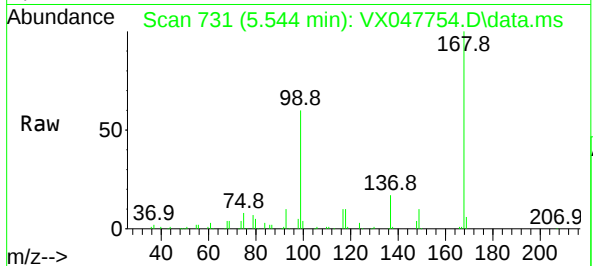




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047754.D
Acq: 24 Sep 2025 06:16

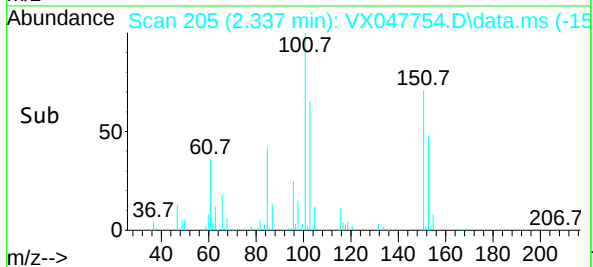
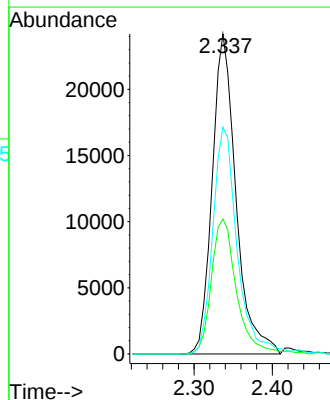
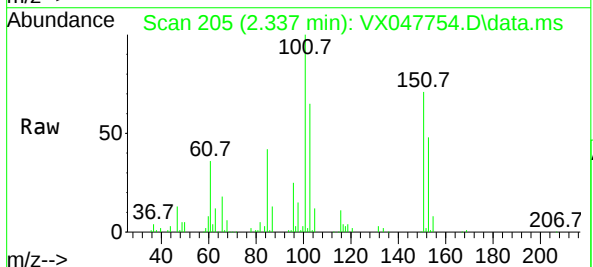
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250915

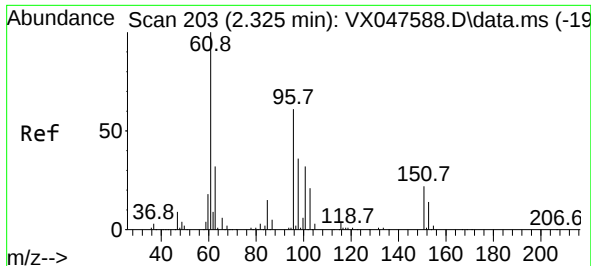
Tgt Ion:168 Resp: 139114
Ion Ratio Lower Upper
168 100
99 59.6 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.693 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047754.D
Acq: 24 Sep 2025 06:16

Tgt Ion:101 Resp: 50996
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 72.5 59.4 89.0





#12

1,1-Dichloroethene

Concen: 9.746 ug/l

RT: 2.325 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX047754.D

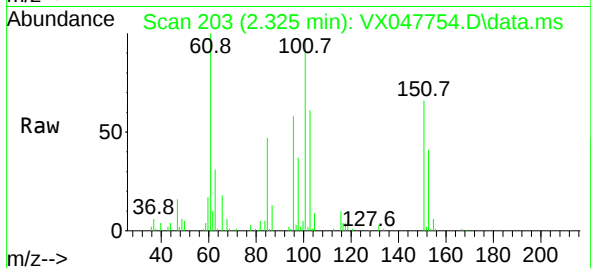
Acq: 24 Sep 2025 06:16

Instrument :

MSVOA_X

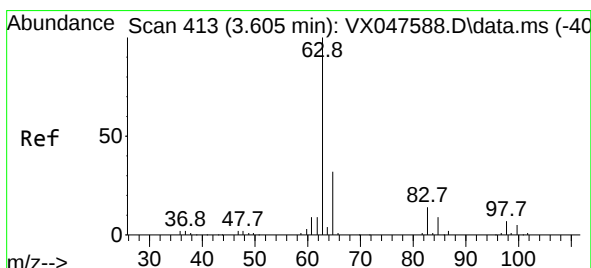
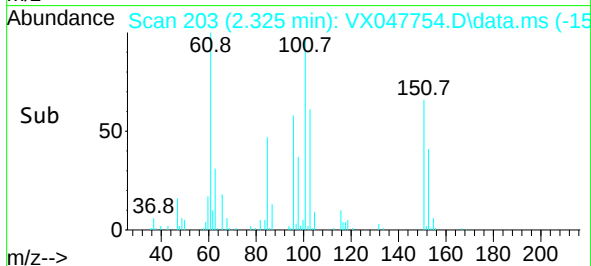
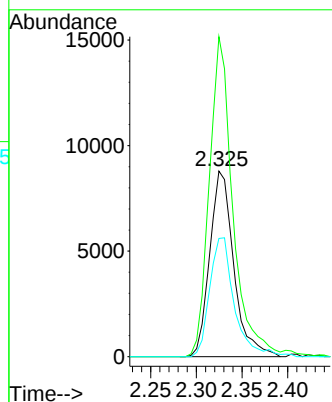
ClientSampleId :

TT101D2-20250915



Tgt Ion: 96 Resp: 16108

Ion	Ratio	Lower	Upper
96	100		
61	172.4	131.0	196.6
98	63.7	47.7	71.5



#24

1,1-Dichloroethane

Concen: 1.889 ug/l

RT: 3.611 min Scan# 414

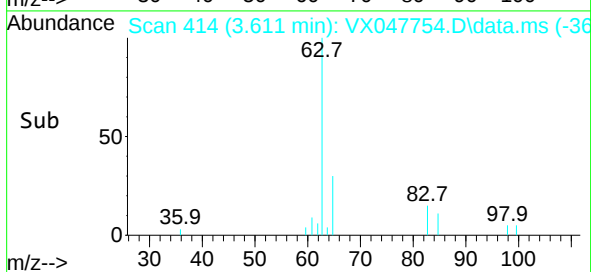
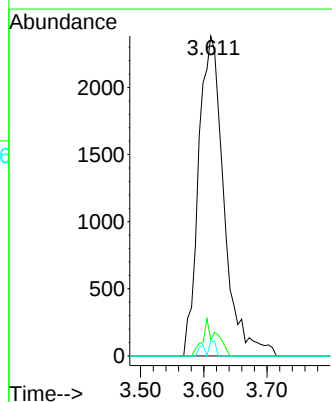
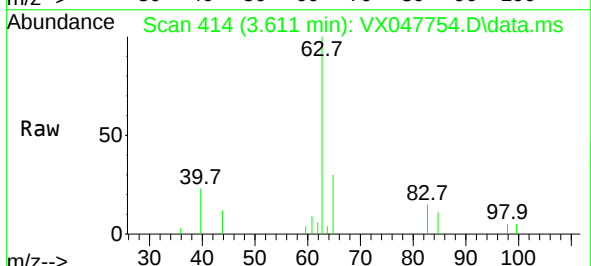
Delta R.T. 0.006 min

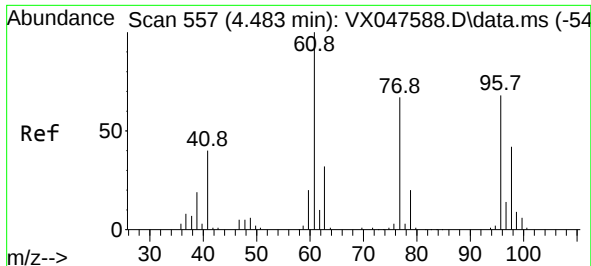
Lab File: VX047754.D

Acq: 24 Sep 2025 06:16

Tgt Ion: 63 Resp: 6635

Ion	Ratio	Lower	Upper
63	100		
98	5.1	3.8	11.2
100	4.6	2.3	6.9

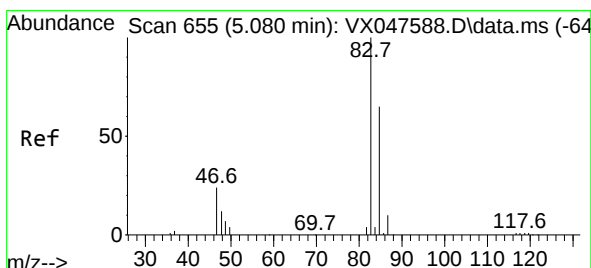
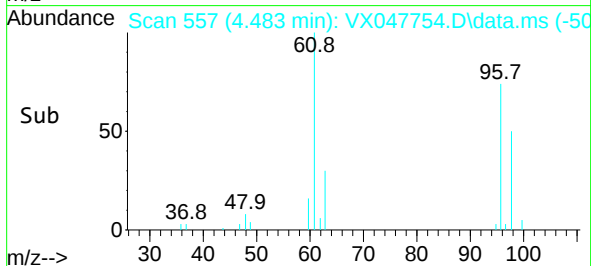
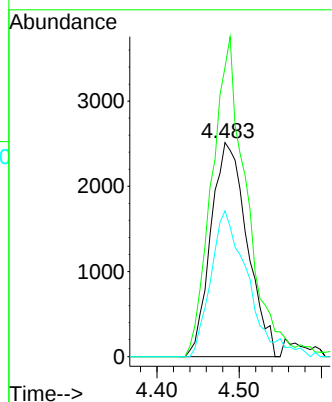
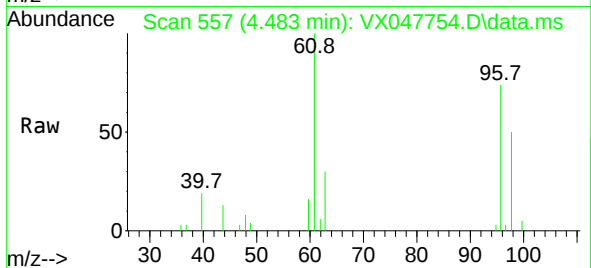




#27
cis-1,2-Dichloroethene
Concen: 3.530 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX047754.D
Acq: 24 Sep 2025 06:16

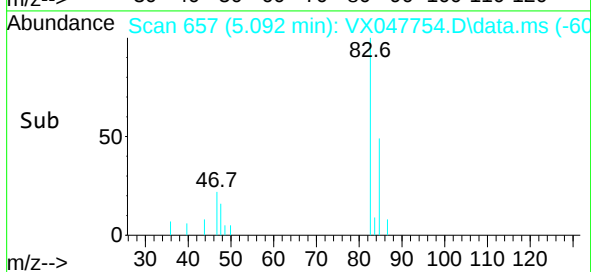
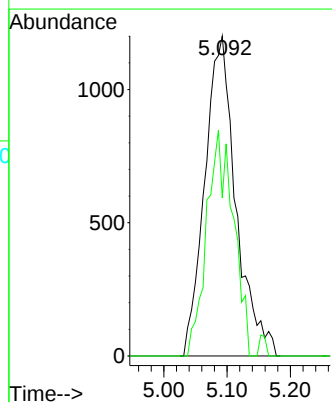
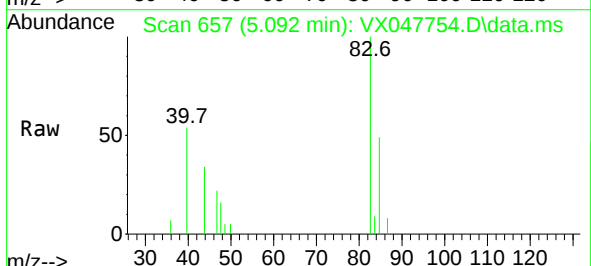
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250915

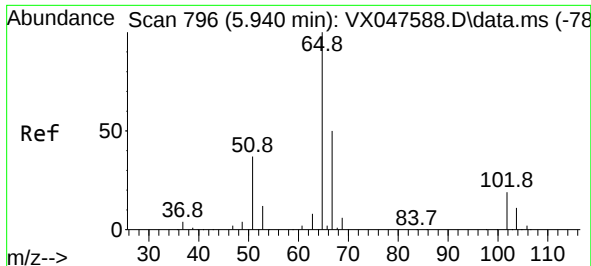
Tgt Ion: 96 Resp: 7692
Ion Ratio Lower Upper
96 100
61 142.2 0.0 303.2
98 69.7 0.0 127.8



#30
Chloroform
Concen: 1.156 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX047754.D
Acq: 24 Sep 2025 06:16

Tgt Ion: 83 Resp: 4105
Ion Ratio Lower Upper
83 100
85 45.5 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 49.304 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047754.D

Acq: 24 Sep 2025 06:16

Instrument :

MSVOA_X

ClientSampleId :

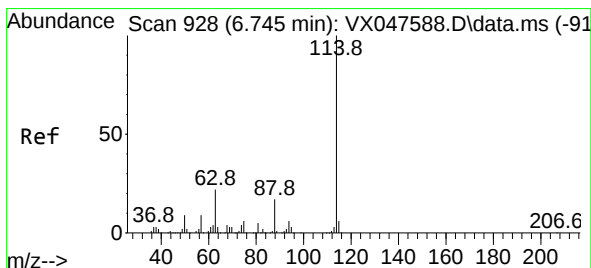
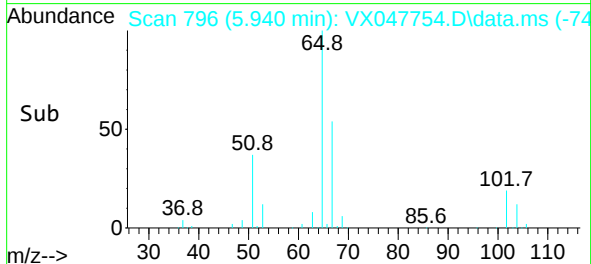
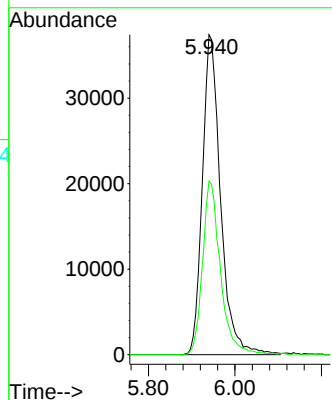
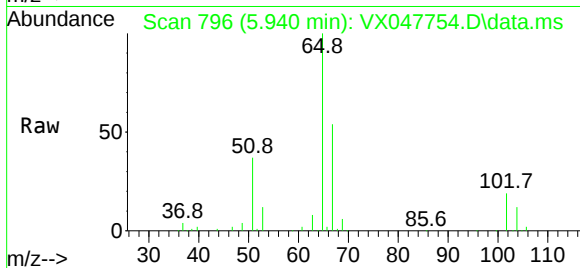
TT101D2-20250915

Tgt Ion: 65 Resp: 109177

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047754.D

Acq: 24 Sep 2025 06:16

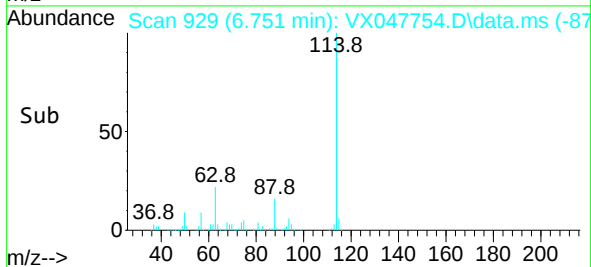
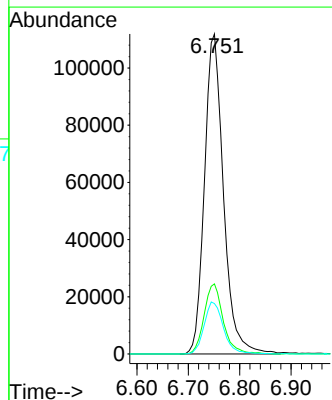
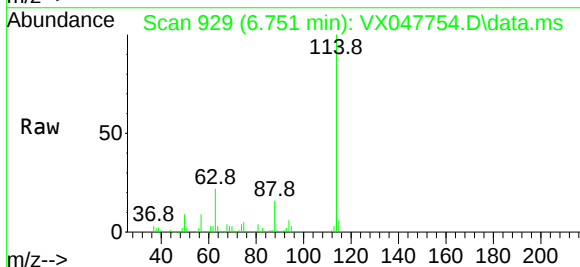
Tgt Ion: 114 Resp: 287200

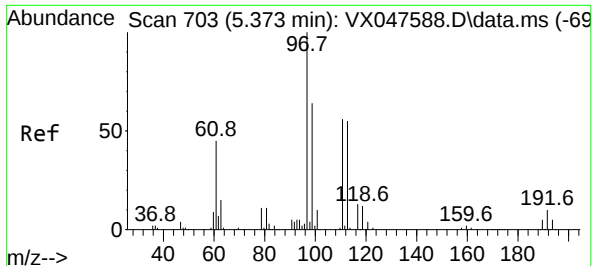
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 15.8 0.0 34.2

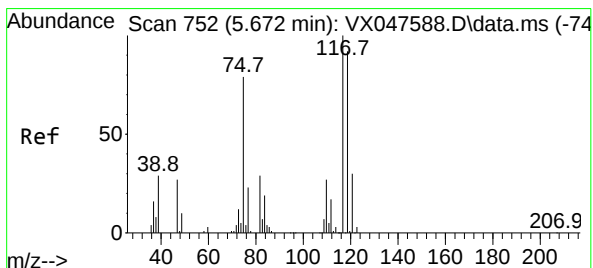
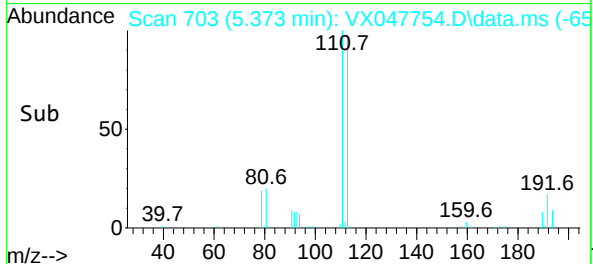
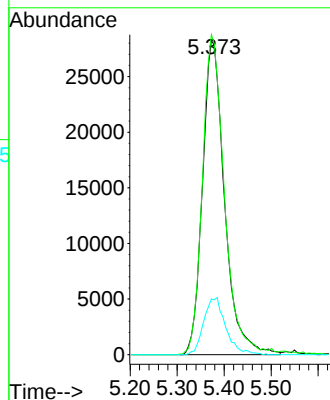
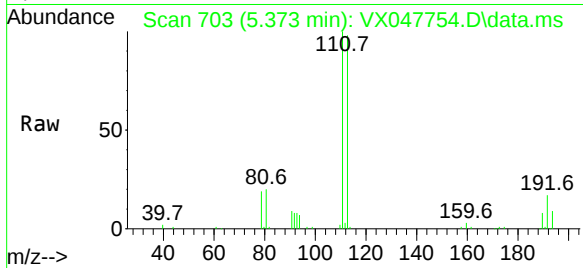




#35
Dibromofluoromethane
Concen: 47.748 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047754.D
Acq: 24 Sep 2025 06:16

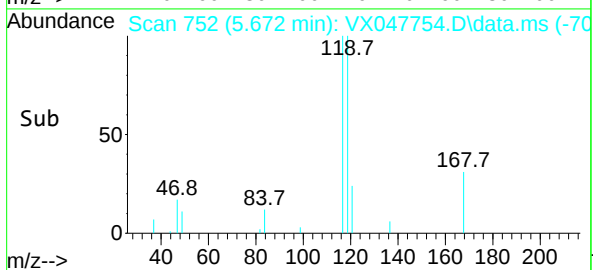
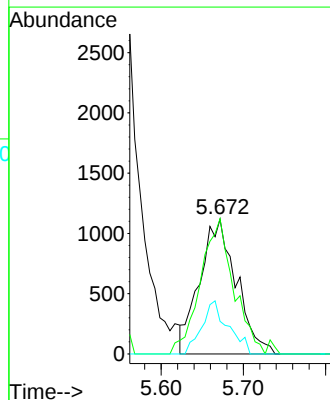
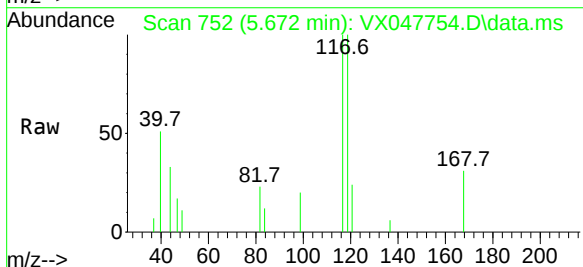
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250915

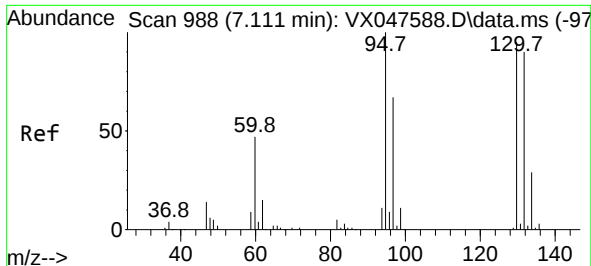
Tgt Ion:113 Resp: 91968
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 18.1 14.2 21.4



#38
Carbon Tetrachloride
Concen: 1.131 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX047754.D
Acq: 24 Sep 2025 06:16

Tgt Ion:117 Resp: 3459
Ion Ratio Lower Upper
117 100
119 100.4 73.4 110.2
121 24.3 23.8 35.6

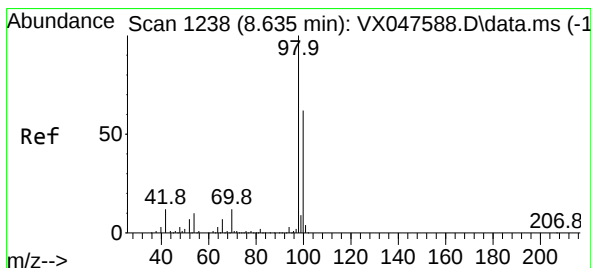
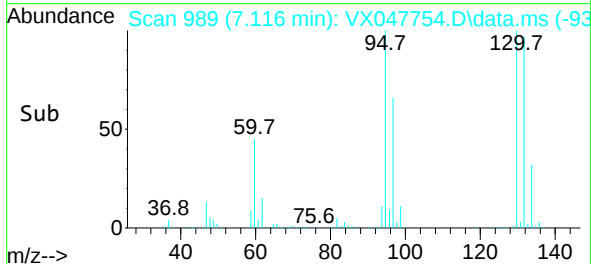
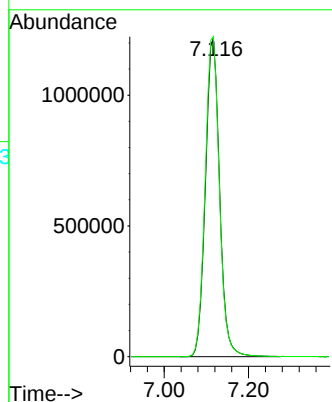
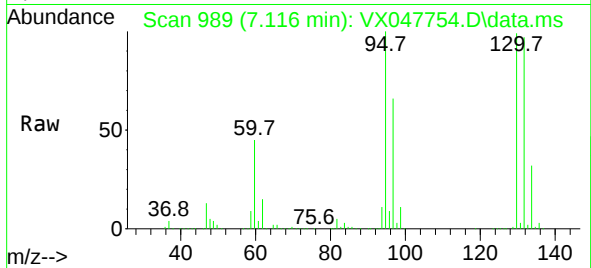




#44
Trichloroethene
Concen: 1379.149 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047754.D
Acq: 24 Sep 2025 06:16

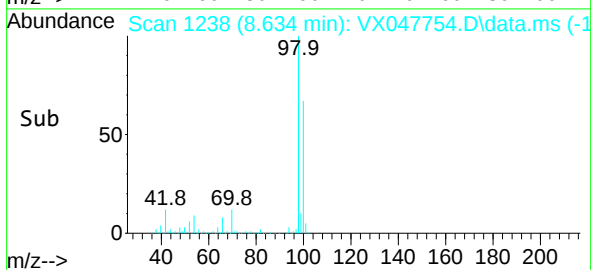
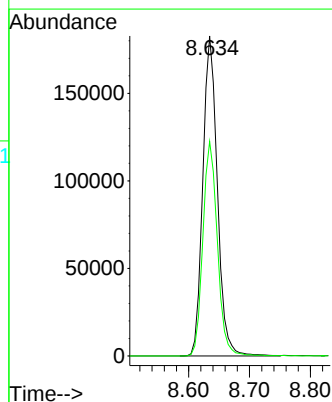
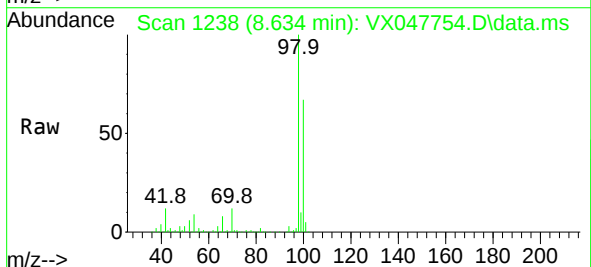
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250915

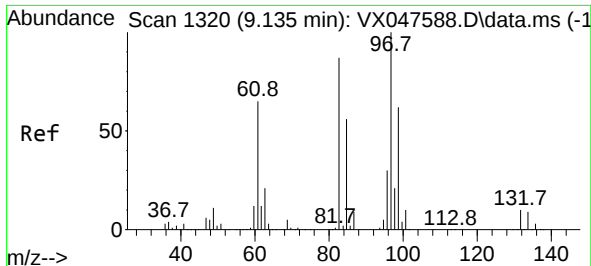
Tgt Ion:130 Resp: 2850275
Ion Ratio Lower Upper
130 100
95 100.5 0.0 210.8



#50
Toluene-d8
Concen: 45.549 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047754.D
Acq: 24 Sep 2025 06:16

Tgt Ion: 98 Resp: 303571
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4





#55

1,1,2-Trichloroethane

Concen: 1.023 ug/l

RT: 9.140 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047754.D

Acq: 24 Sep 2025 06:16

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20250915

Tgt Ion: 97 Resp: 2077

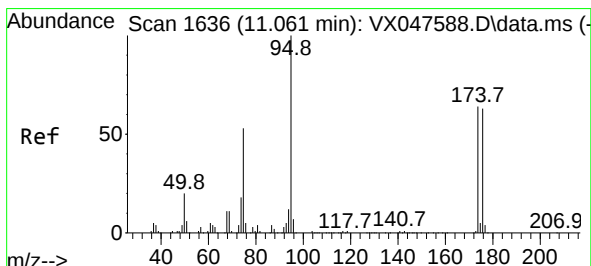
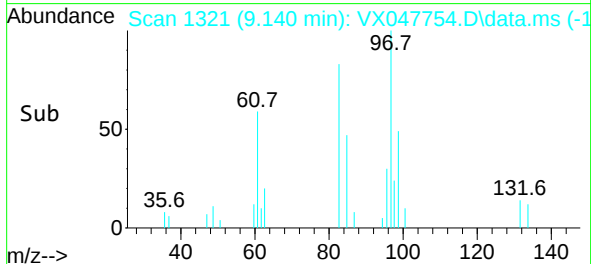
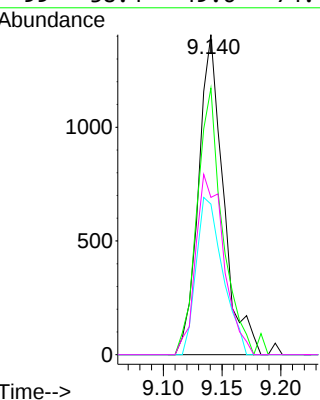
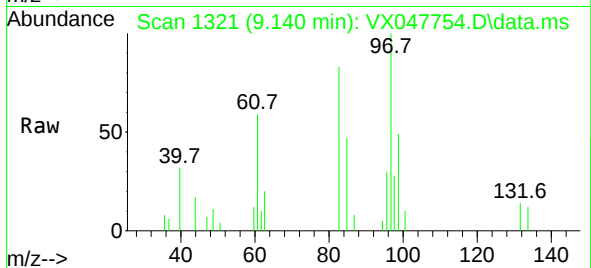
Ion Ratio Lower Upper

97 100

83 65.1 69.6 104.4#

85 36.8 45.0 67.6#

99 38.4 49.6 74.4#



#62

4-Bromofluorobenzene

Concen: 52.273 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX047754.D

Acq: 24 Sep 2025 06:16

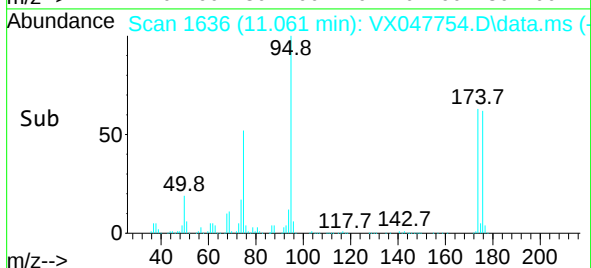
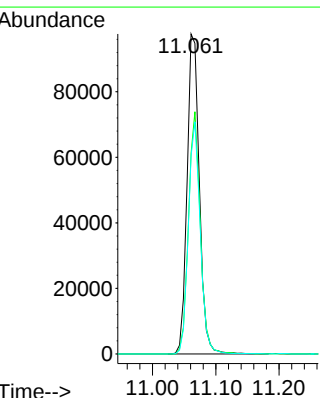
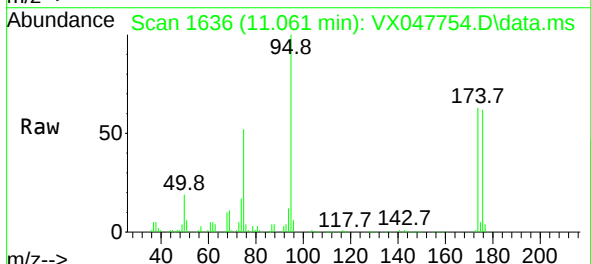
Tgt Ion: 95 Resp: 132220

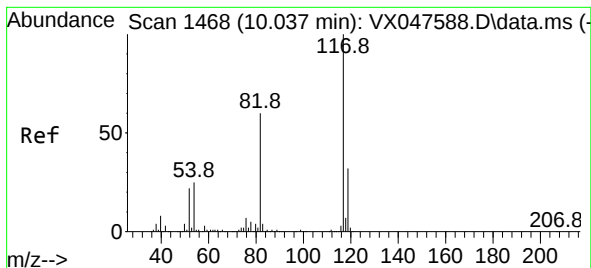
Ion Ratio Lower Upper

95 100

174 73.0 0.0 141.6

176 70.5 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047754.D

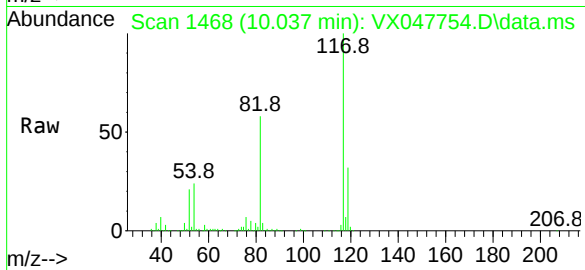
Acq: 24 Sep 2025 06:16

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20250915



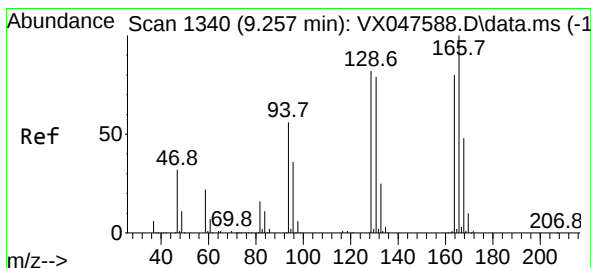
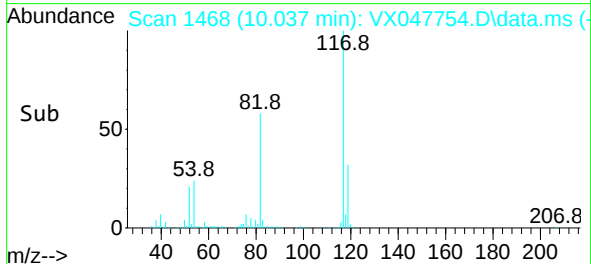
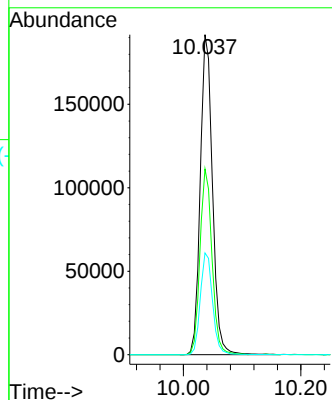
Tgt Ion:117 Resp: 275511

Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.6

119 31.8 25.2 37.8



#64

Tetrachloroethene

Concen: 4.399 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047754.D

Acq: 24 Sep 2025 06:16

Tgt Ion:164 Resp: 7900

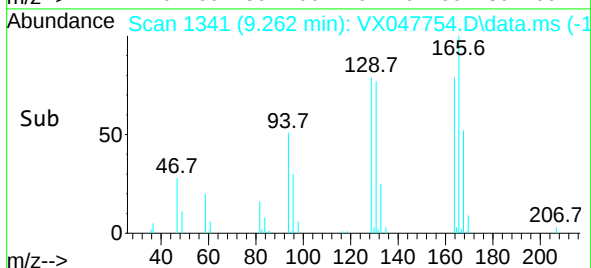
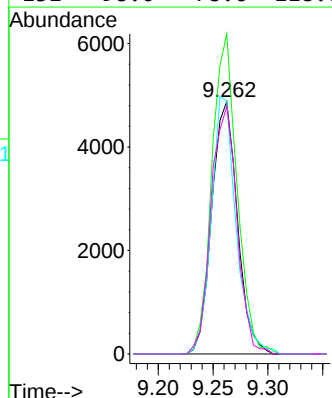
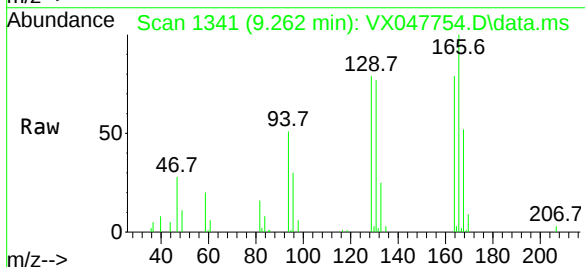
Ion Ratio Lower Upper

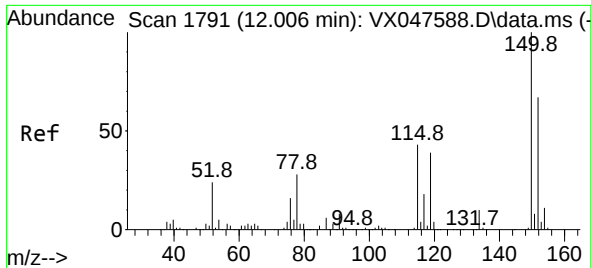
164 100

166 126.8 100.2 150.2

129 100.2 81.8 122.6

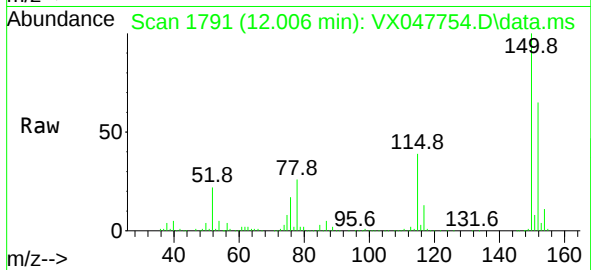
131 98.0 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047754.D
 Acq: 24 Sep 2025 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20250915



Tgt Ion:152 Resp: 144556
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.9 134.5
 150 152.3 0.0 352.0

