

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047757.D
 Acq On : 24 Sep 2025 07:19
 Operator : JC/MD
 Sample : Q3127-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20250915

Quant Time: Sep 24 08:03:33 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)

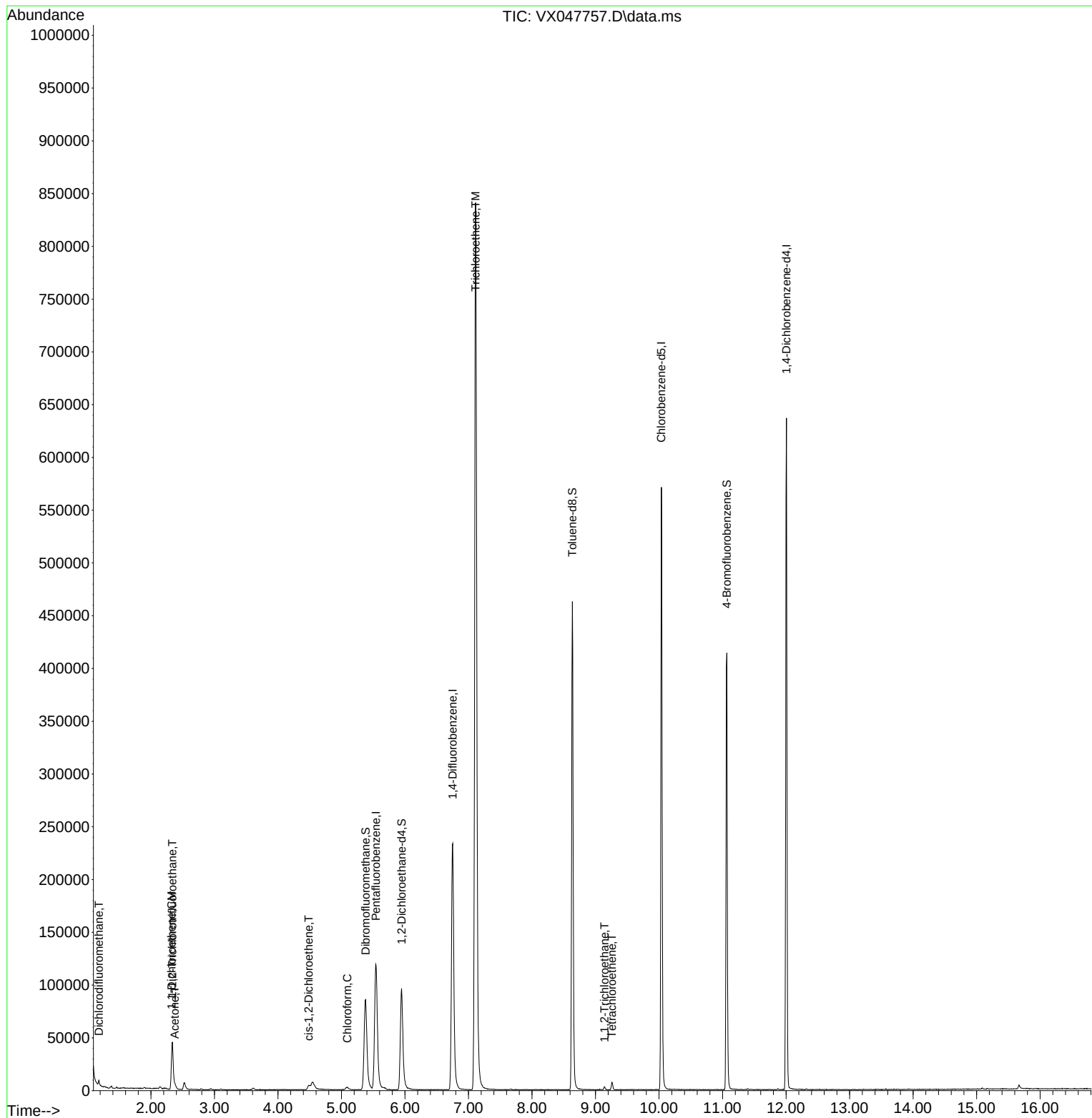
Internal Standards						
1) Pentafluorobenzene	5.544	168	120646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	258386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101834	53.028	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.060%		
35) Dibromofluoromethane	5.379	113	83957	48.449	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.900%		
50) Toluene-d8	8.634	98	287590	47.963	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.920%		
62) 4-Bromofluorobenzene	11.067	95	123986	54.484	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.178	85	1438	1.151	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	16389	11.745	ug/l	99
12) 1,1-Dichloroethene	2.325	96	4795	3.345	ug/l	90
16) Acetone	2.373	43	3106	3.720	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	3120	1.651	ug/l	98
30) Chloroform	5.092	83	3368	1.094	ug/l	97
44) Trichloroethene	7.110	130	353802	190.283	ug/l	96
55) 1,1,2-Trichloroethane	9.140	97	872	0.477	ug/l	93
64) Tetrachloroethene	9.256	164	1322	0.779	ug/l #	79

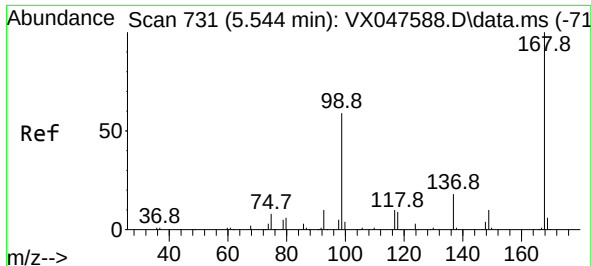
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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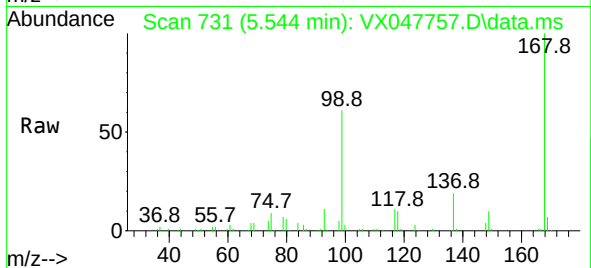
Quant Time: Sep 24 08:03:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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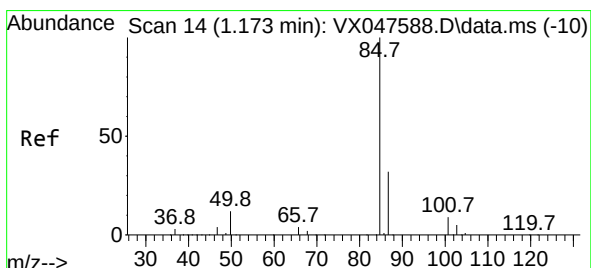
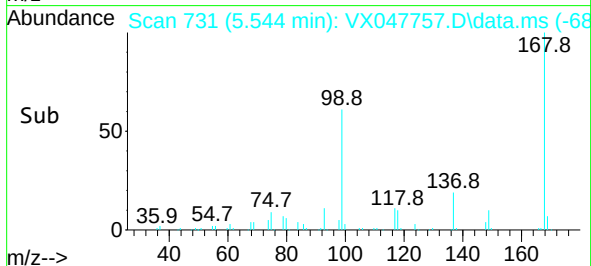
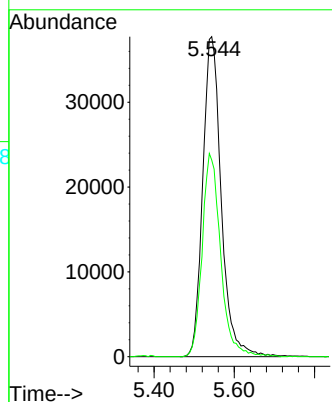


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20250915

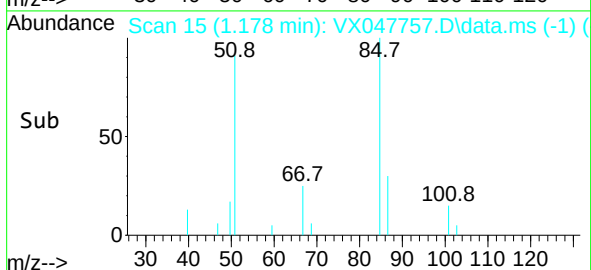
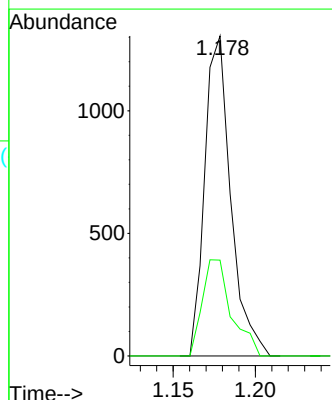
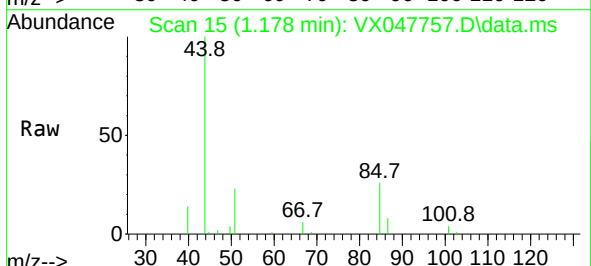


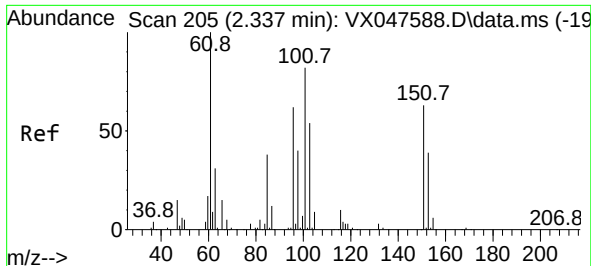
Tgt Ion:168 Resp: 120646
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 1.151 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

Tgt Ion: 85 Resp: 1438
Ion Ratio Lower Upper
85 100
87 30.0 15.8 47.3

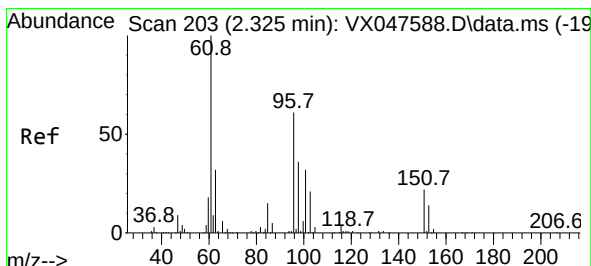
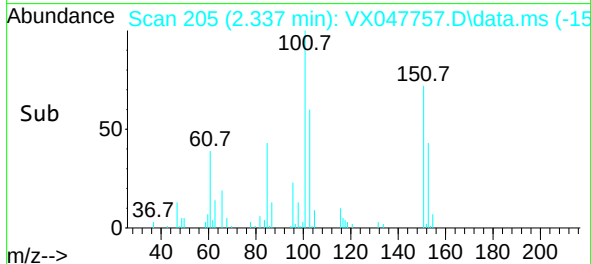
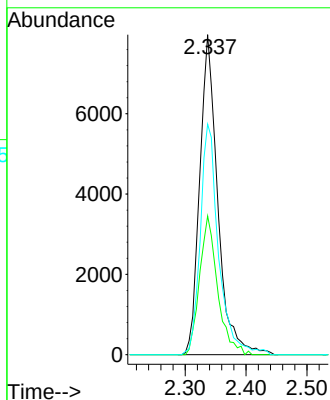
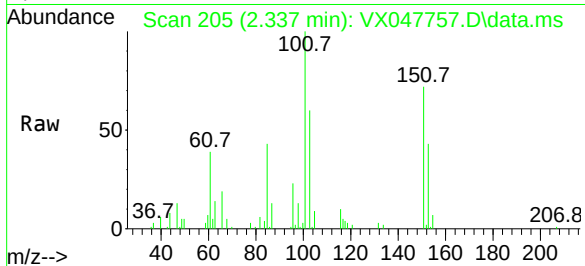




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.745 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX047757.D
 Acq: 24 Sep 2025 07:19

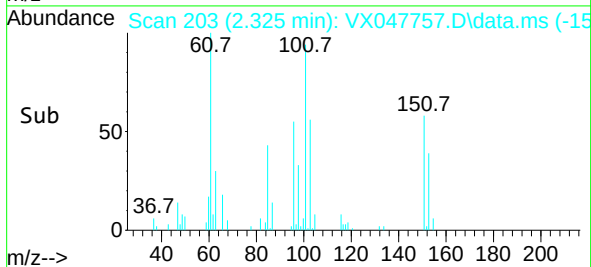
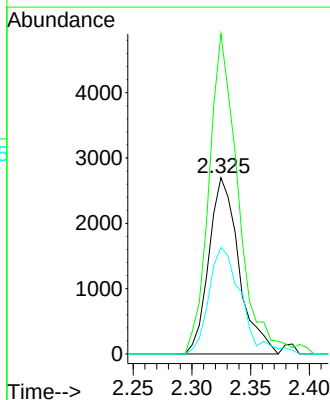
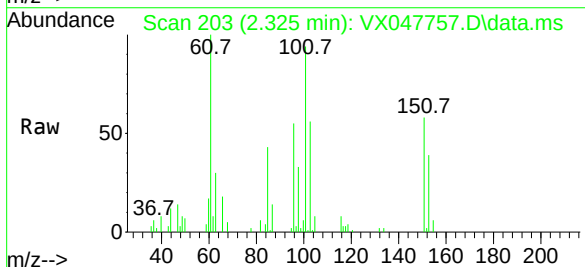
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20250915

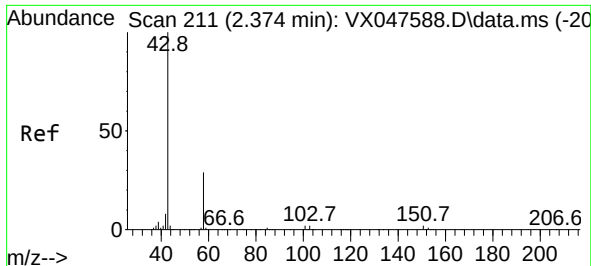
Tgt Ion:101 Resp: 16389
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.5 53.3
 151 73.3 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 3.345 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX047757.D
 Acq: 24 Sep 2025 07:19

Tgt Ion: 96 Resp: 4795
 Ion Ratio Lower Upper
 96 100
 61 181.4 131.0 196.6
 98 60.3 47.7 71.5

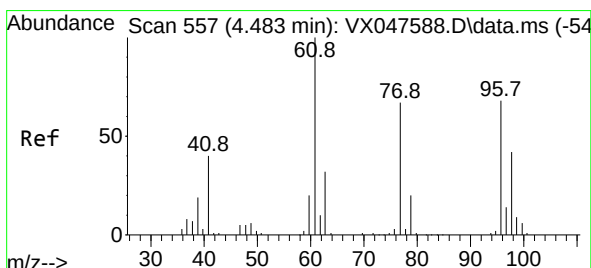
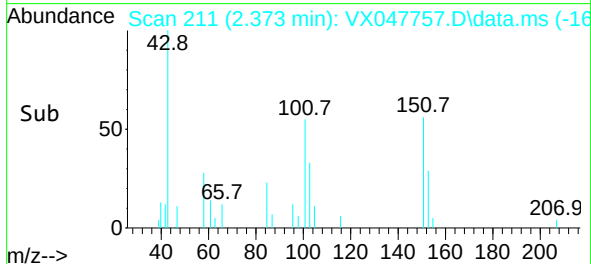
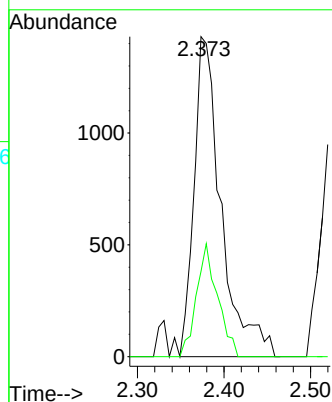
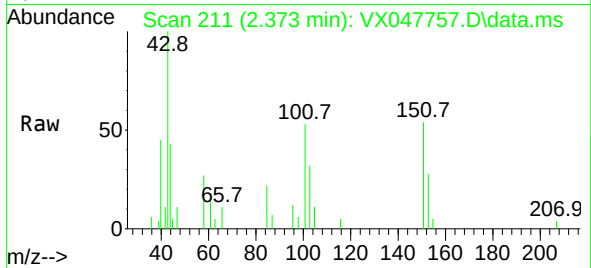




#16
Acetone
Concen: 3.720 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

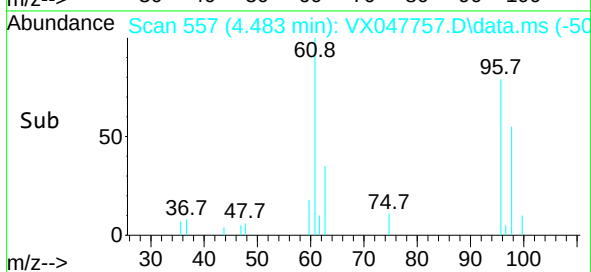
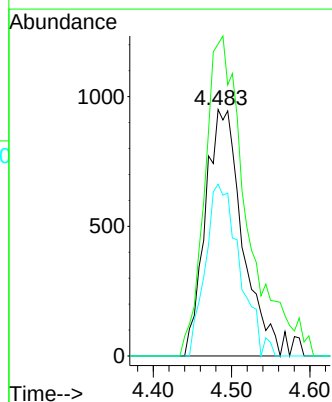
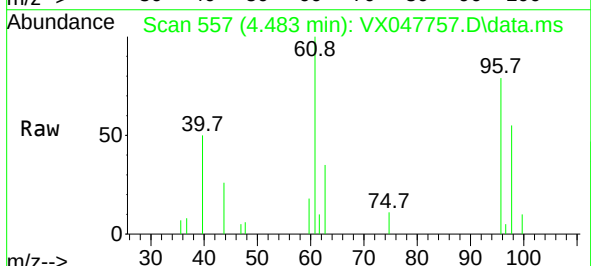
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20250915

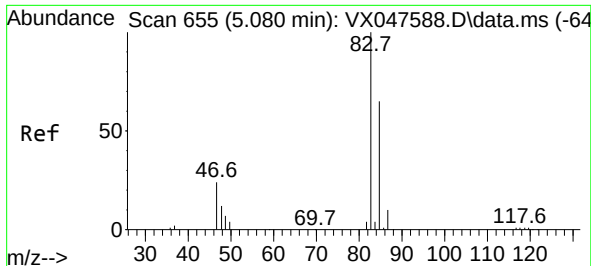
Tgt Ion: 43 Resp: 3106
Ion Ratio Lower Upper
43 100
58 26.6 23.4 35.0



#27
cis-1,2-Dichloroethene
Concen: 1.651 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

Tgt Ion: 96 Resp: 3120
Ion Ratio Lower Upper
96 100
61 148.0 0.0 303.2
98 64.5 0.0 127.8





#30

Chloroform

Concen: 1.094 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX047757.D

Acq: 24 Sep 2025 07:19

Instrument :

MSVOA_X

ClientSampleId :

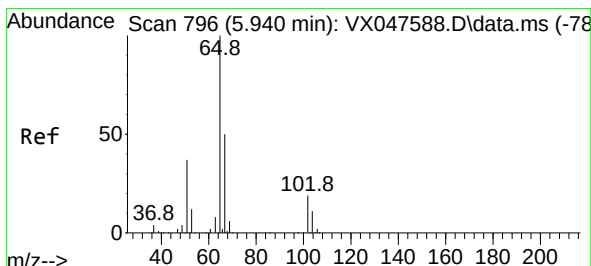
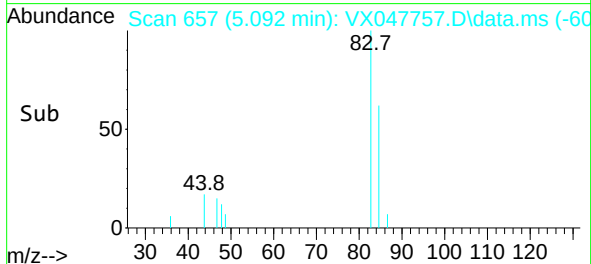
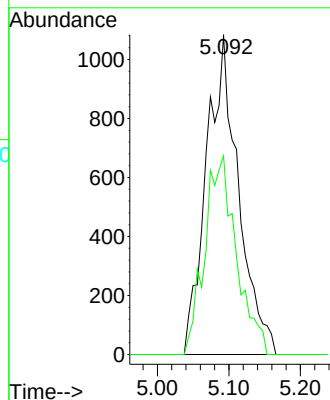
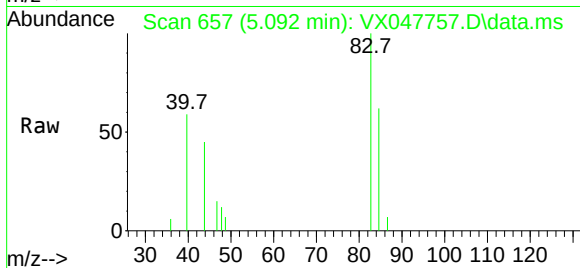
TT101D1-20250915

Tgt Ion: 83 Resp: 3368

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 53.028 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047757.D

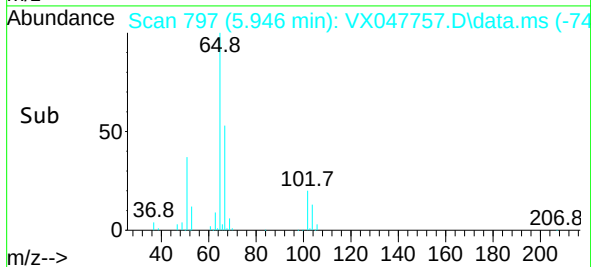
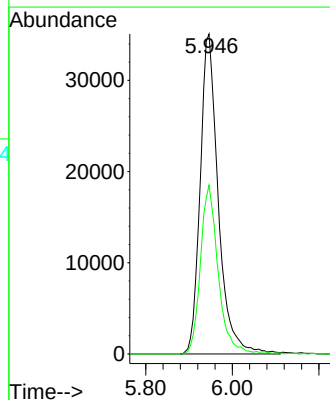
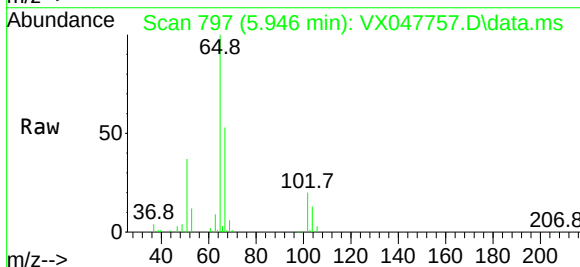
Acq: 24 Sep 2025 07:19

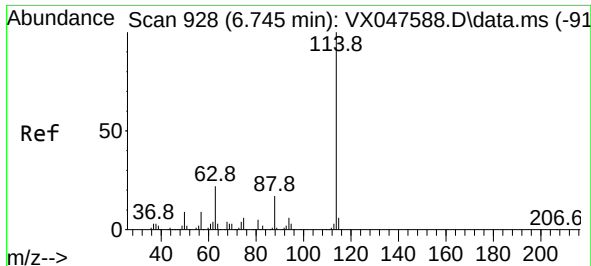
Tgt Ion: 65 Resp: 101834

Ion Ratio Lower Upper

65 100

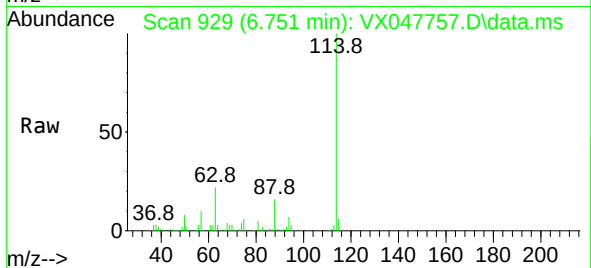
67 51.2 0.0 103.0



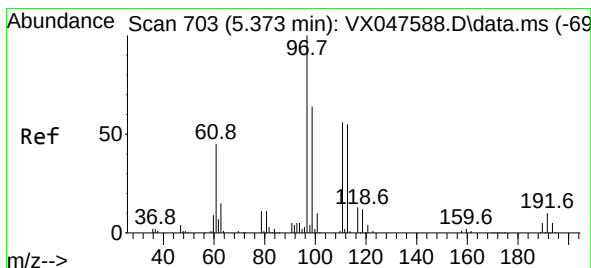
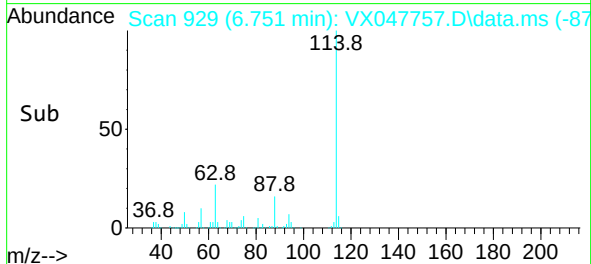
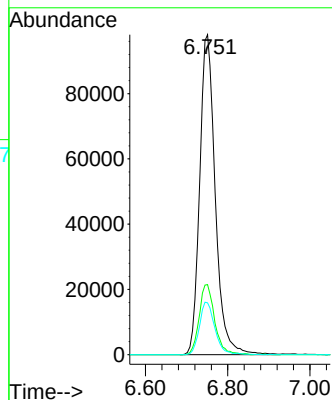


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20250915

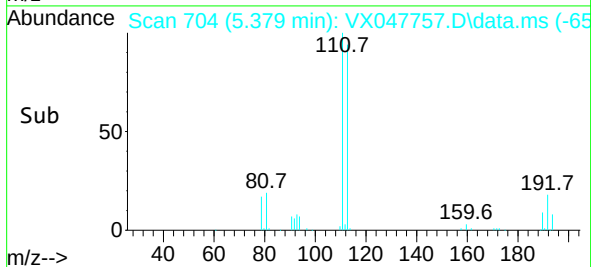
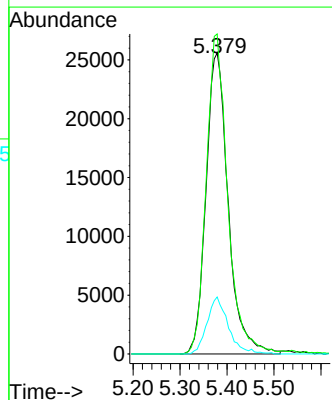
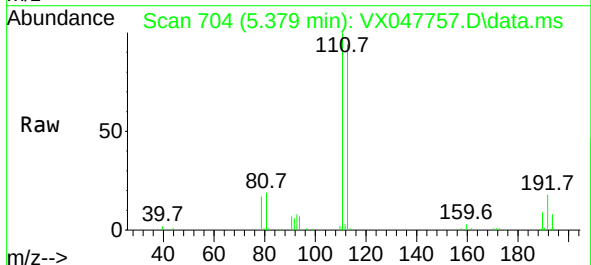


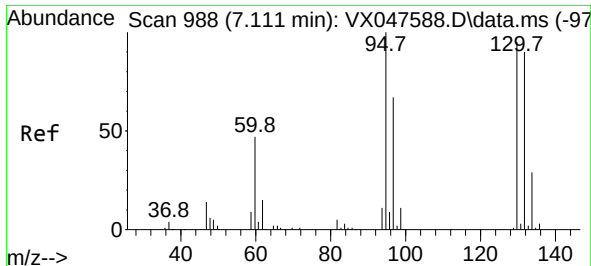
Tgt Ion:114 Resp: 258386
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.449 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

Tgt Ion:113 Resp: 83957
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 18.2 14.2 21.4

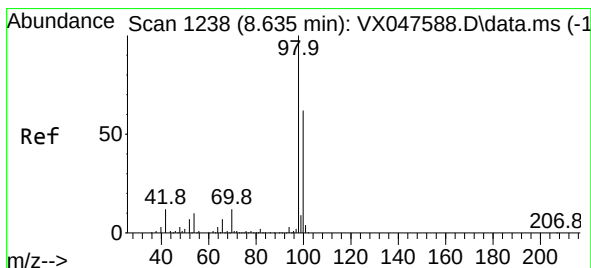
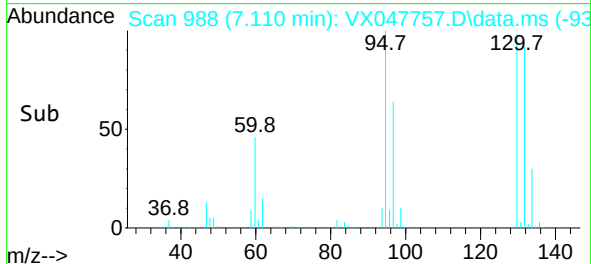
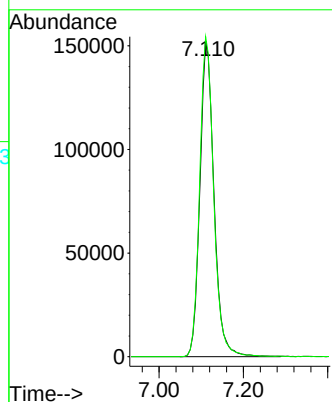
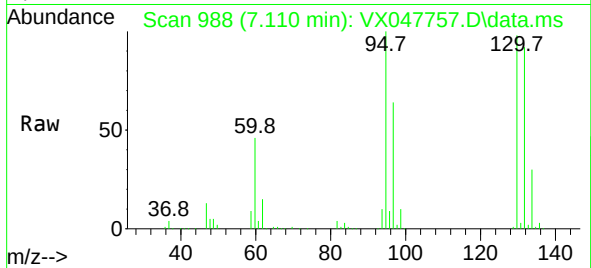




#44
Trichloroethene
Concen: 190.283 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

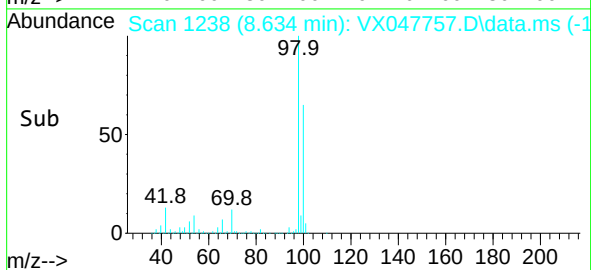
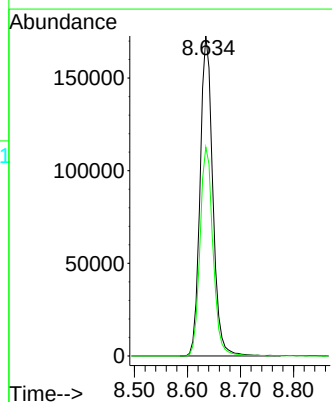
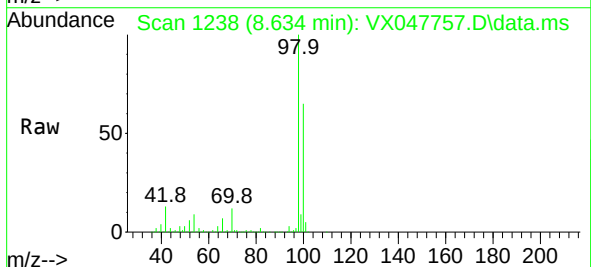
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20250915

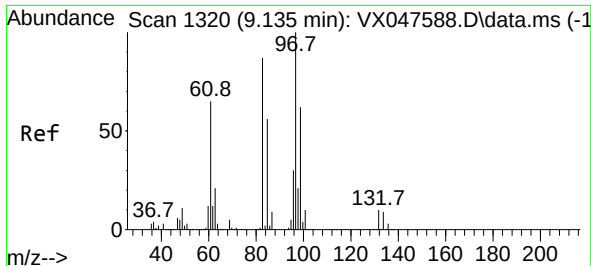
Tgt Ion:130 Resp: 353802
Ion Ratio Lower Upper
130 100
95 101.6 0.0 210.8



#50
Toluene-d8
Concen: 47.963 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

Tgt Ion: 98 Resp: 287590
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

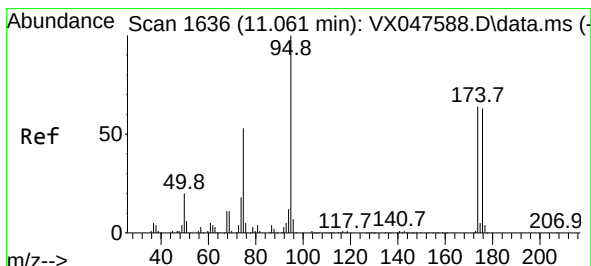
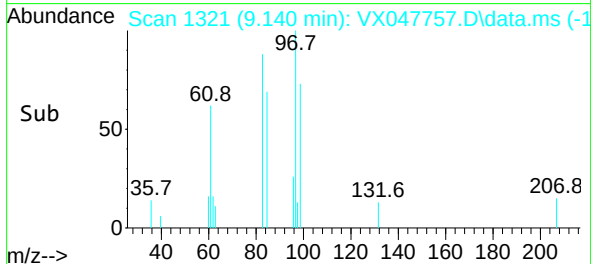
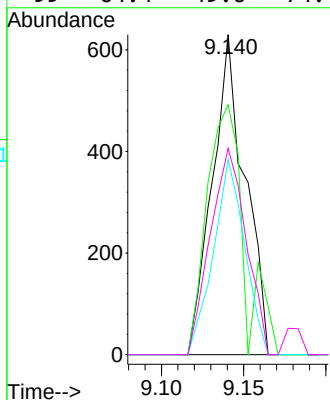
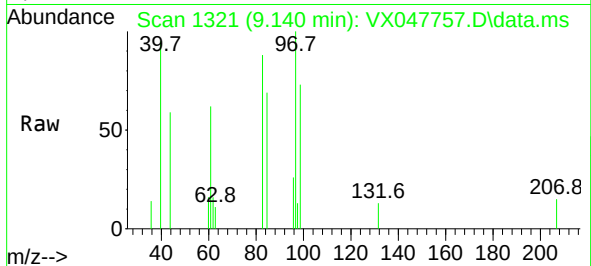




#55
1,1,2-Trichloroethane
Concen: 0.477 ug/l
RT: 9.140 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

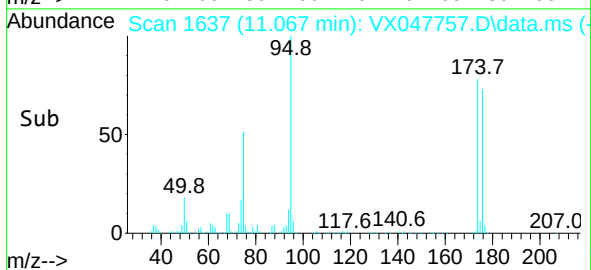
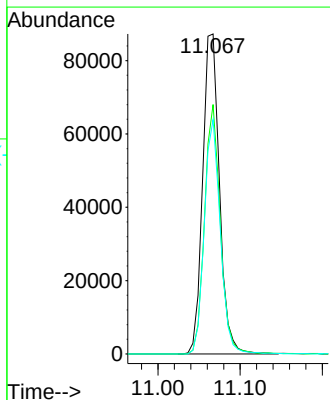
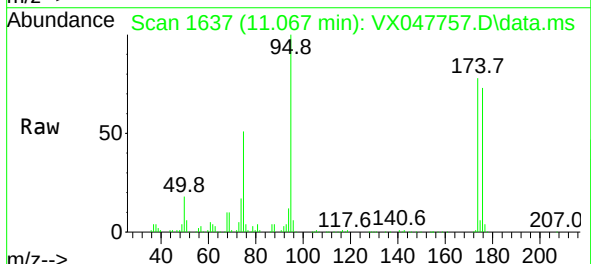
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20250915

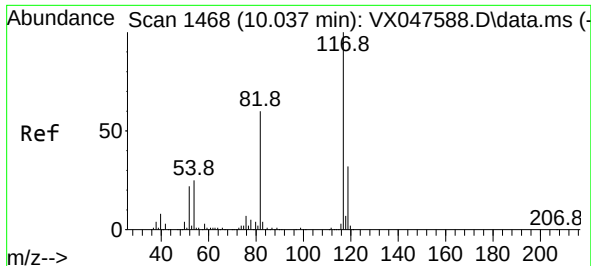
Tgt Ion: 97	Resp:	872	
Ion	Ratio	Lower	Upper
97	100		
83	78.1	69.6	104.4
85	61.0	45.0	67.6
99	64.4	49.6	74.4



#62
4-Bromofluorobenzene
Concen: 54.484 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

Tgt Ion: 95	Resp: 123986
Ion Ratio	Lower Upper
95 100	
174 73.3	0.0 141.6
176 69.6	0.0 138.4

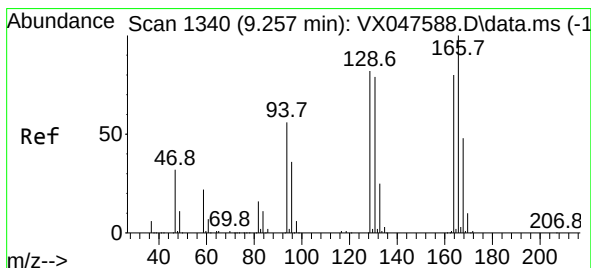
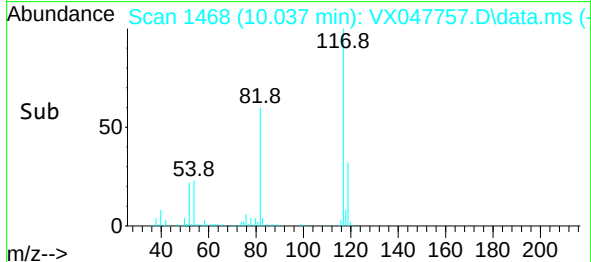
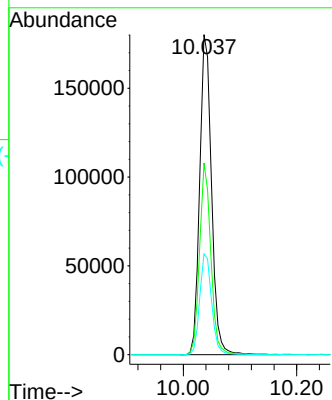
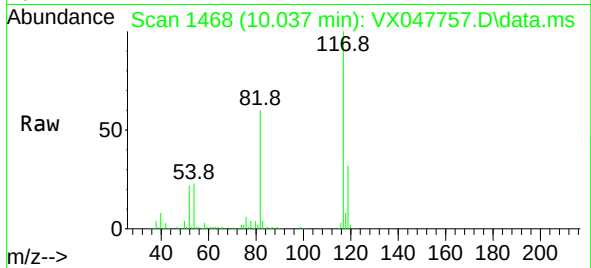




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

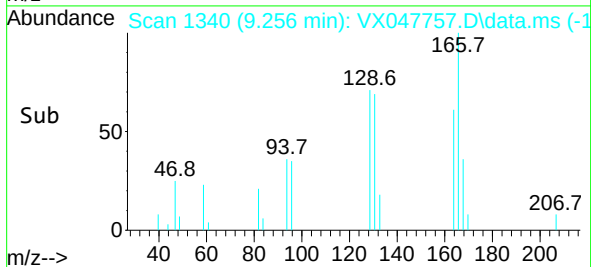
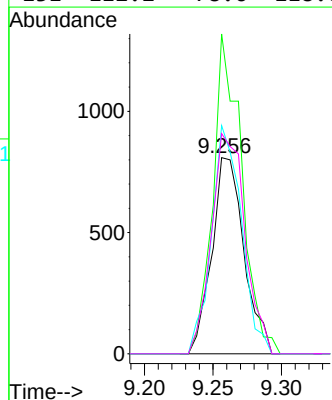
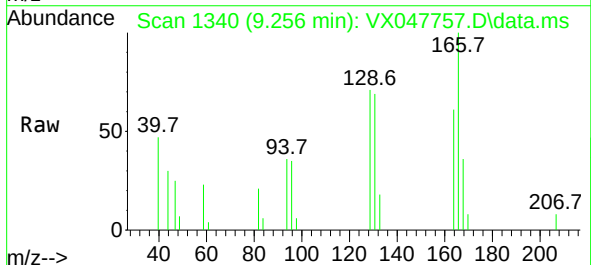
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20250915

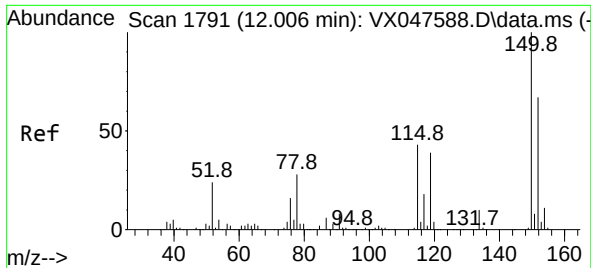
Tgt Ion:117 Resp: 260389
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.6
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 0.779 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047757.D
Acq: 24 Sep 2025 07:19

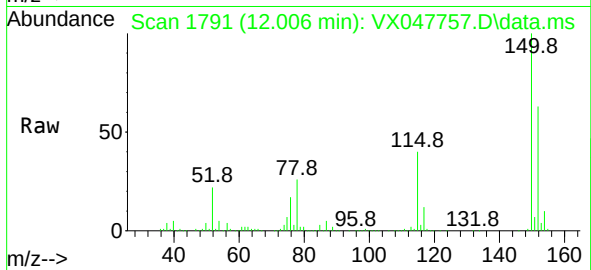
Tgt Ion:164 Resp: 1322
Ion Ratio Lower Upper
164 100
166 163.0 100.2 150.2#
129 116.3 81.8 122.6
131 112.2 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047757.D
 Acq: 24 Sep 2025 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20250915



Tgt Ion:152 Resp: 132133
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 159.9 0.0 352.0

