

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047753.D
 Acq On : 24 Sep 2025 05:55
 Operator : JC/MD
 Sample : Q3127-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20250916

Quant Time: Sep 24 07:10:22 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)

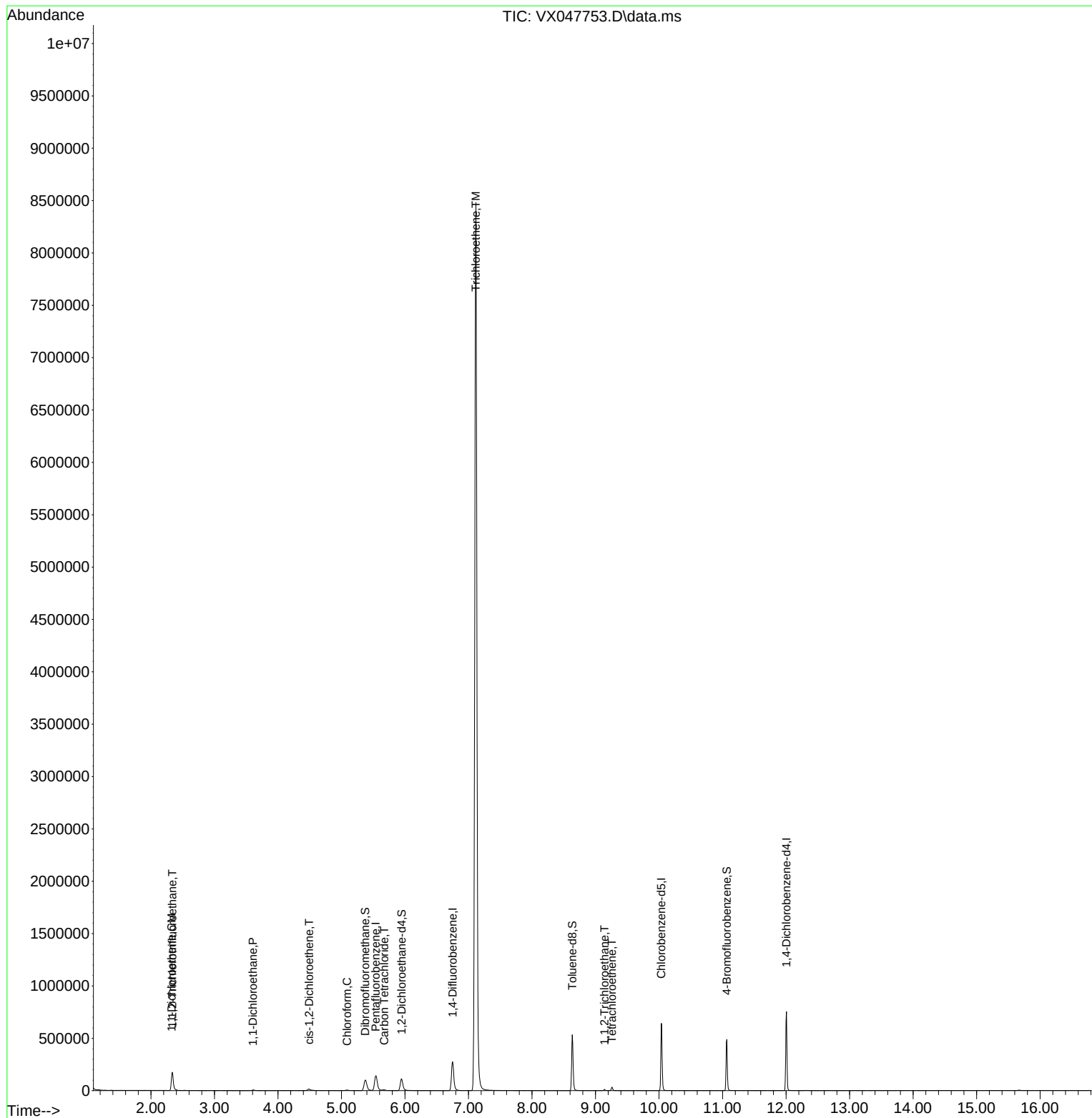
Internal Standards						
1) Pentafluorobenzene	5.537	168	147647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	305020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	154008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	120242	51.163	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.320%	
35) Dibromofluoromethane	5.373	113	99092	48.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.880%	
50) Toluene-d8	8.634	98	317405	44.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 89.680%#	
62) 4-Bromofluorobenzene	11.067	95	139890	52.075	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.140%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	65810	38.536	ug/l	99
12) 1,1-Dichloroethene	2.324	96	19473	11.101	ug/l	97
24) 1,1-Dichloroethane	3.605	63	7865	2.109	ug/l #	96
27) cis-1,2-Dichloroethene	4.489	96	10394	4.494	ug/l	90
30) Chloroform	5.086	83	6223	1.652	ug/l	99
38) Carbon Tetrachloride	5.671	117	6660	2.051	ug/l	97
44) Trichloroethene	7.116	130	3524733	1605.857	ug/l	94
55) 1,1,2-Trichloroethane	9.140	97	3082	1.429	ug/l	96
64) Tetrachloroethene	9.256	164	6273	3.296	ug/l	93

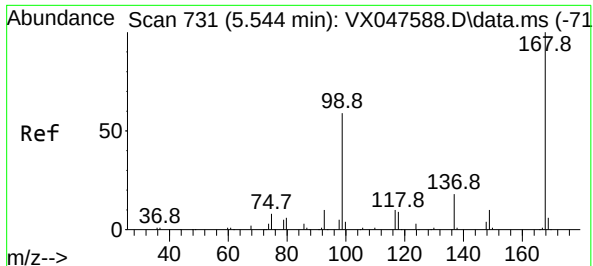
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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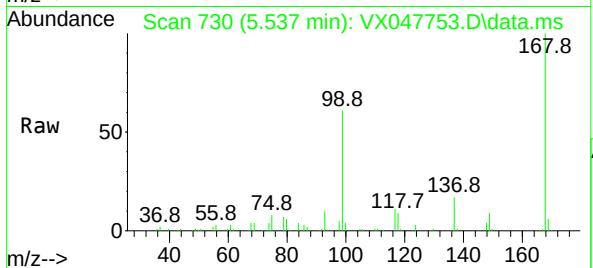
Quant Time: Sep 24 07:10:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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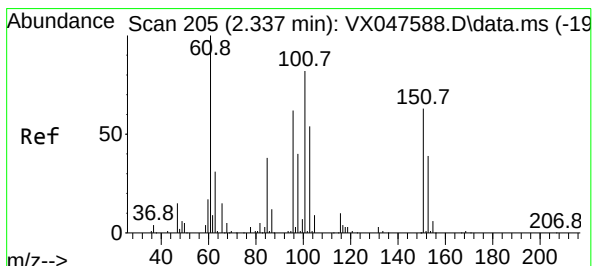
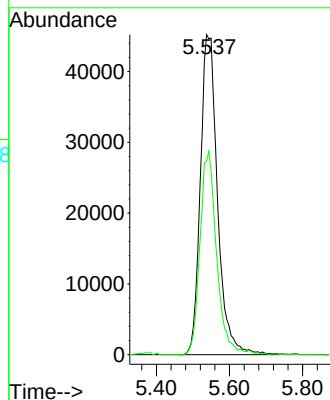
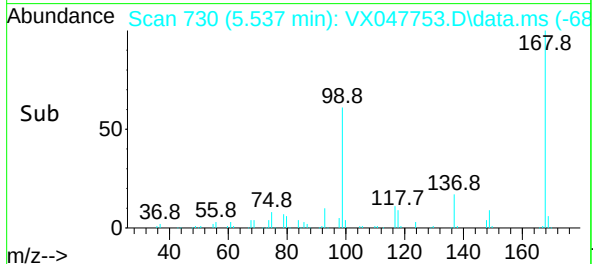


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55

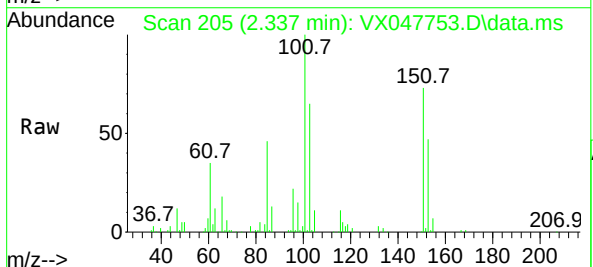
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250916



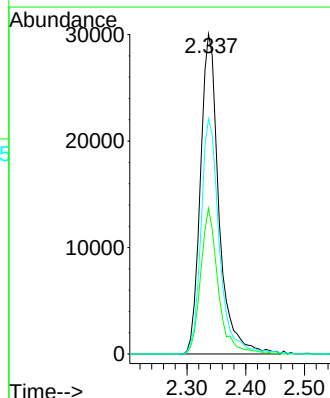
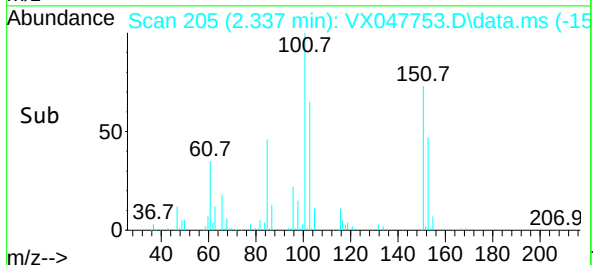
Tgt Ion:168 Resp: 147647
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2

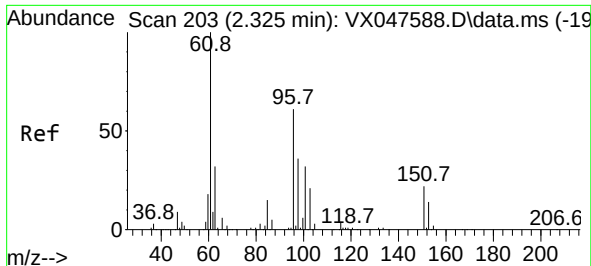


#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.536 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55



Tgt Ion:101 Resp: 65810
Ion Ratio Lower Upper
101 100
85 43.2 35.5 53.3
151 73.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 11.101 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047753.D

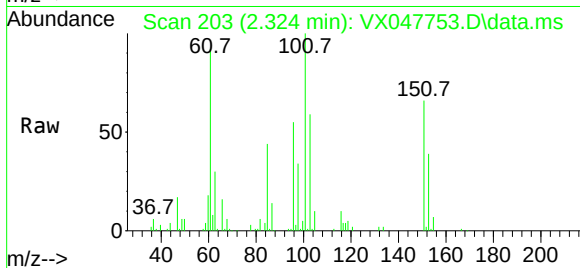
Acq: 24 Sep 2025 05:55

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20250916



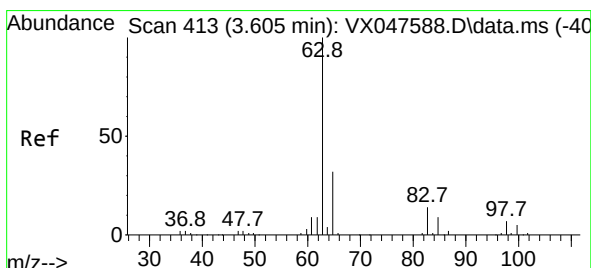
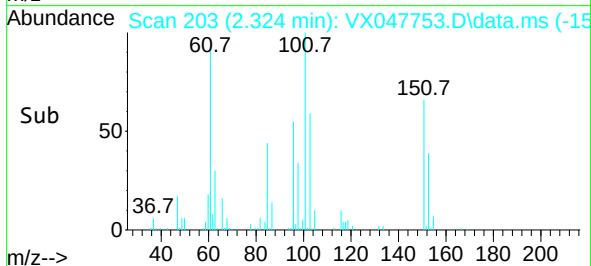
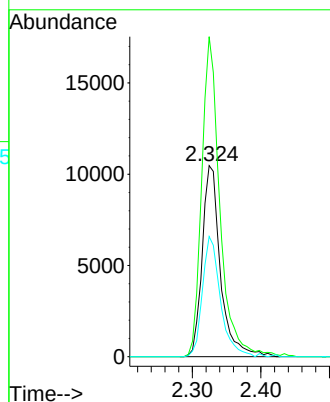
Tgt Ion: 96 Resp: 19473

Ion Ratio Lower Upper

96 100

61 167.6 131.0 196.6

98 62.9 47.7 71.5



#24

1,1-Dichloroethane

Concen: 2.109 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX047753.D

Acq: 24 Sep 2025 05:55

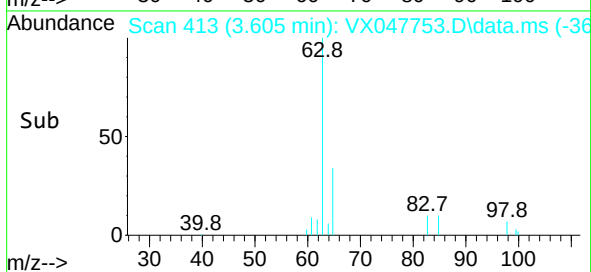
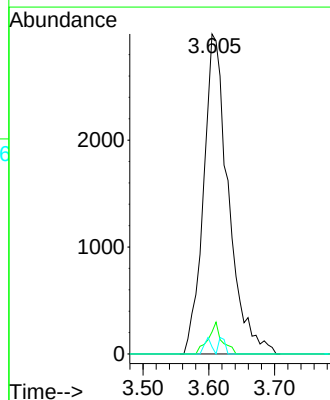
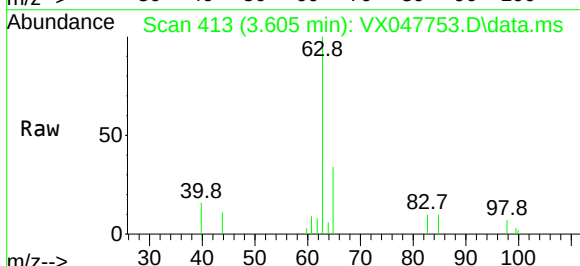
Tgt Ion: 63 Resp: 7865

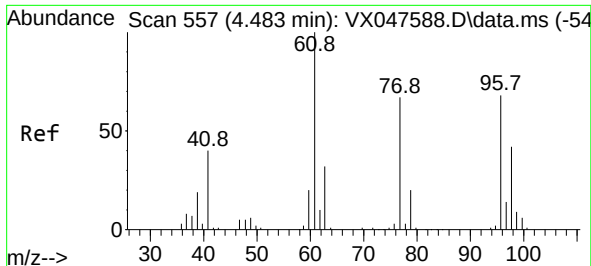
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 2.2 2.3 6.9

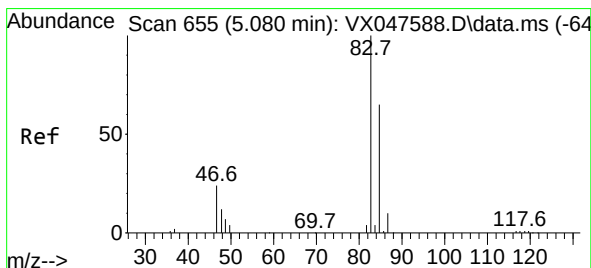
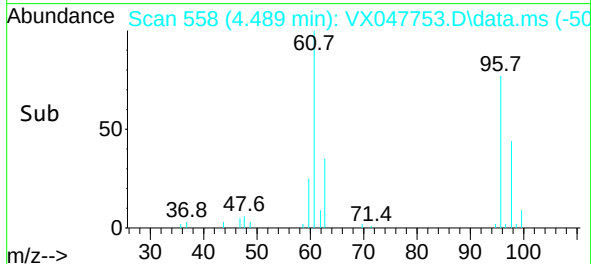
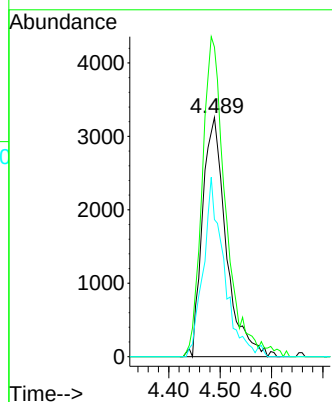
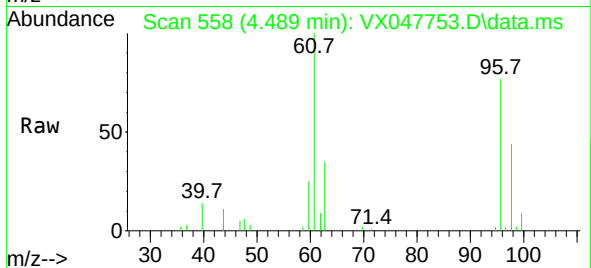




#27
cis-1,2-Dichloroethene
Concen: 4.494 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55

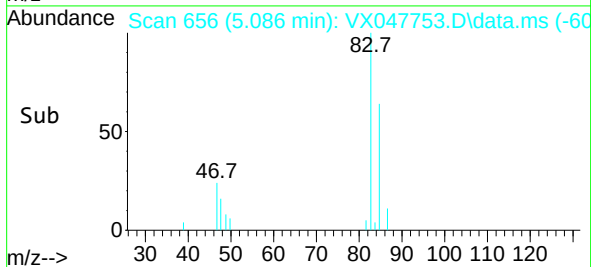
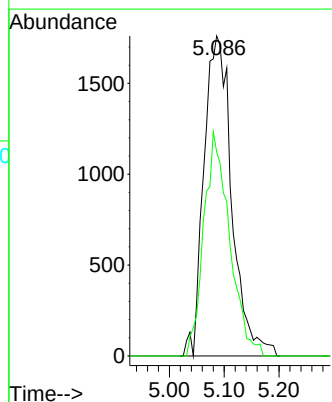
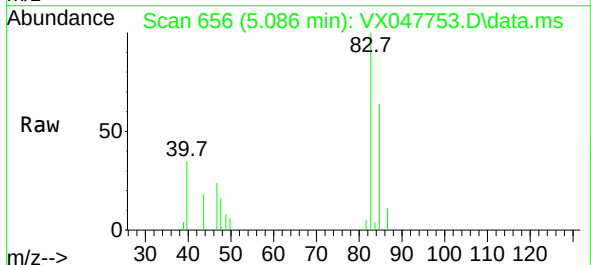
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250916

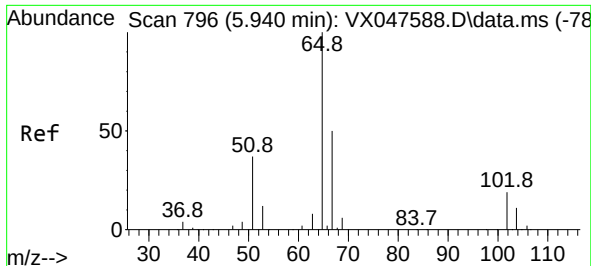
Tgt Ion: 96 Resp: 10394
Ion Ratio Lower Upper
96 100
61 133.1 0.0 303.2
98 64.7 0.0 127.8



#30
Chloroform
Concen: 1.652 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55

Tgt Ion: 83 Resp: 6223
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6

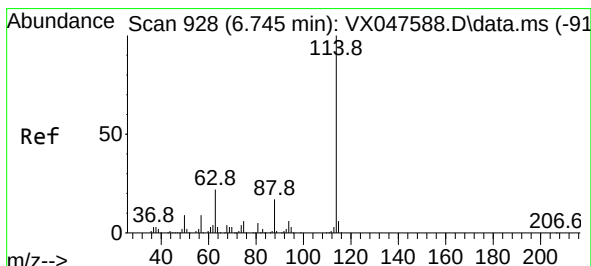
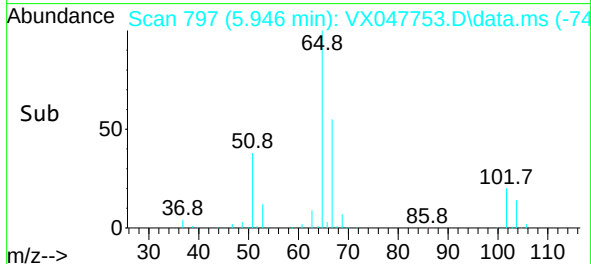
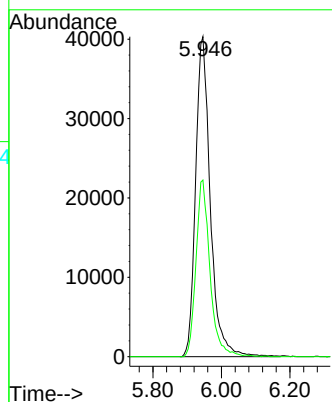
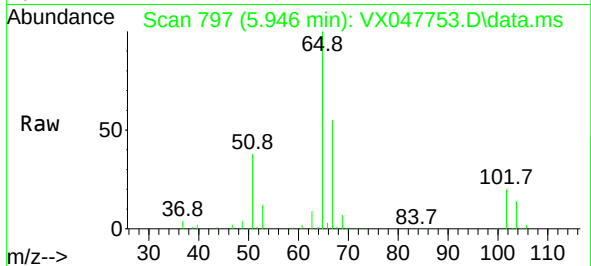




#33
 1,2-Dichloroethane-d4
 Concen: 51.163 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047753.D
 Acq: 24 Sep 2025 05:55

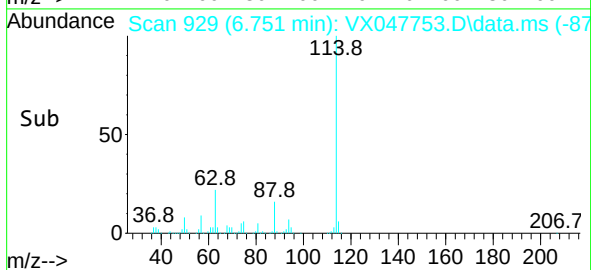
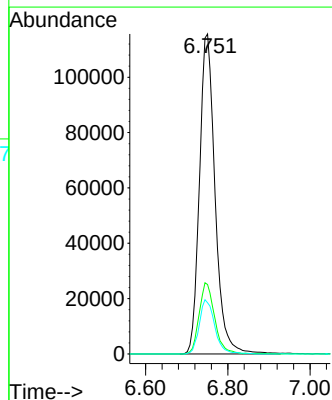
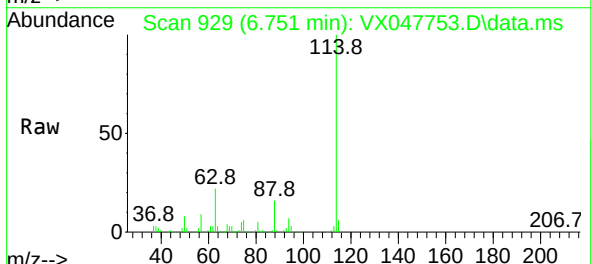
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20250916

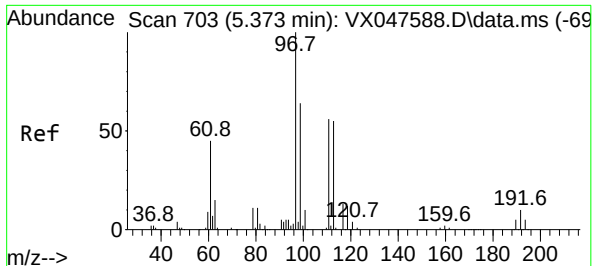
Tgt Ion: 65 Resp: 120242
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047753.D
 Acq: 24 Sep 2025 05:55

Tgt Ion: 114 Resp: 305020
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.0
 88 16.0 0.0 34.2

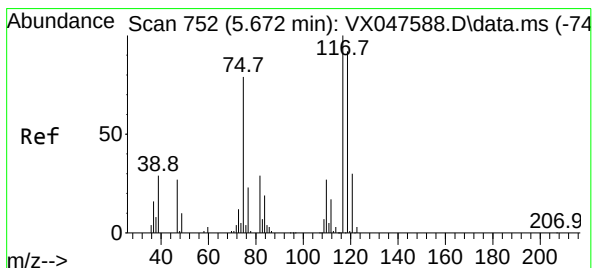
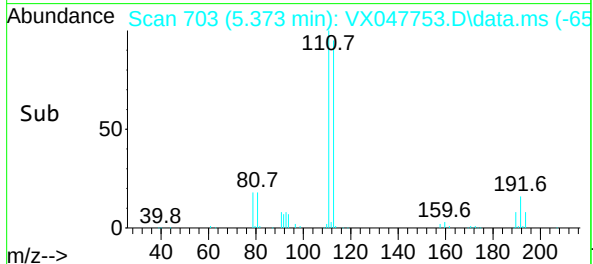
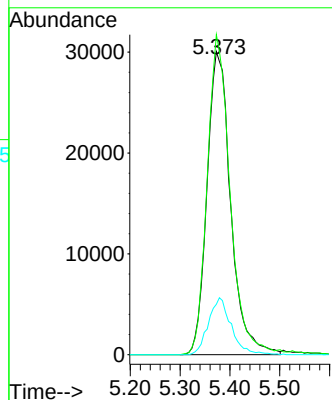
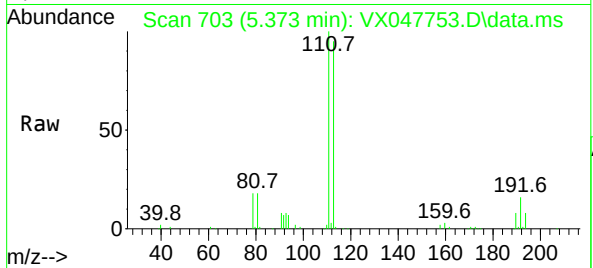




#35
Dibromofluoromethane
Concen: 48.441 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55

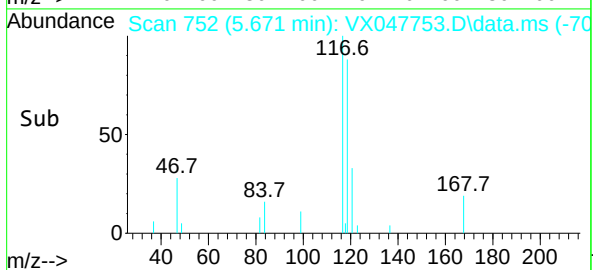
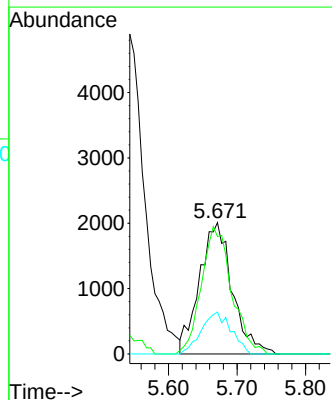
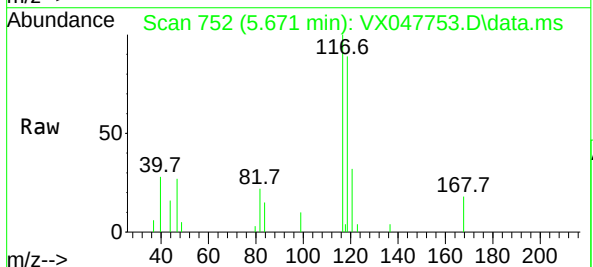
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250916

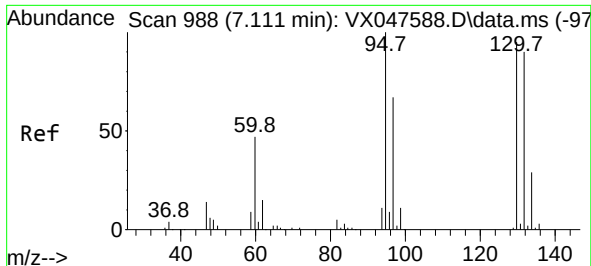
Tgt Ion:113 Resp: 99092
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 18.1 14.2 21.4



#38
Carbon Tetrachloride
Concen: 2.051 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55

Tgt Ion:117 Resp: 6660
Ion Ratio Lower Upper
117 100
119 89.5 73.4 110.2
121 31.9 23.8 35.6

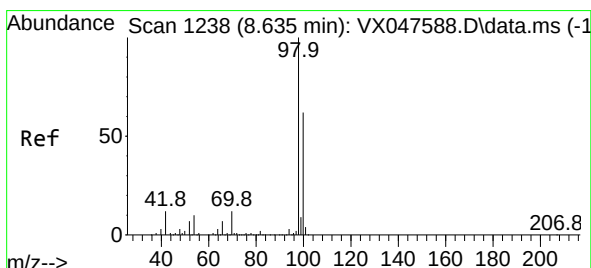
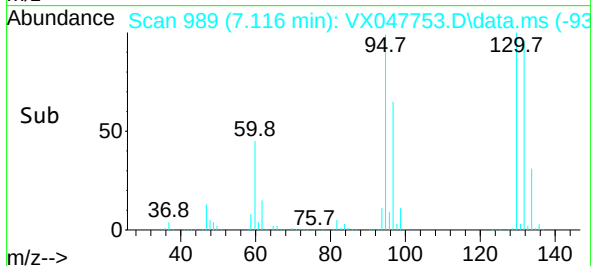
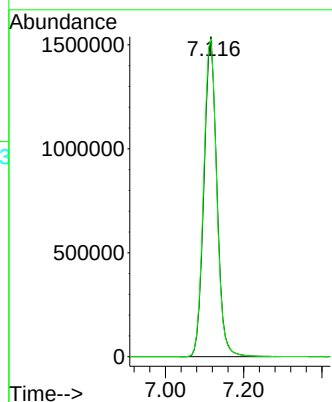
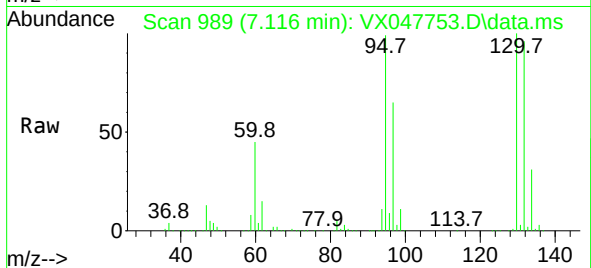




#44
Trichloroethene
Concen: 1605.857 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55

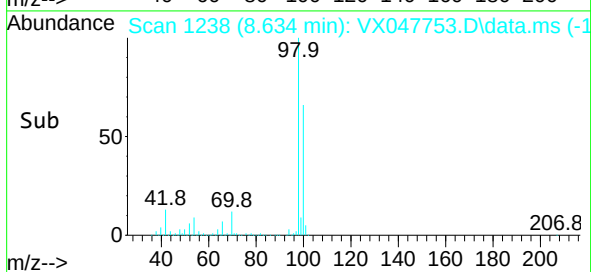
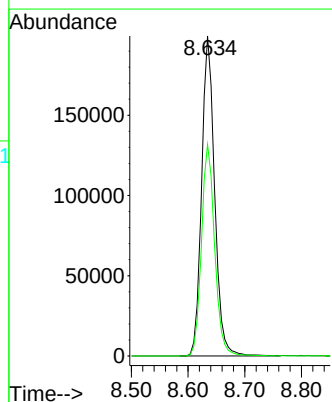
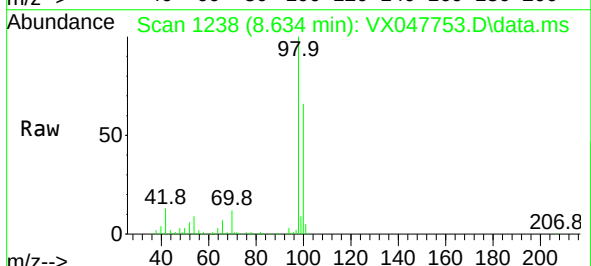
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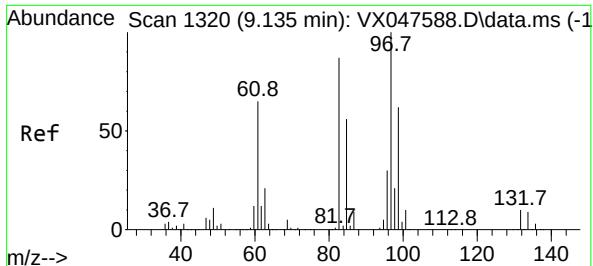
Tgt Ion:130 Resp: 3524733
Ion Ratio Lower Upper
130 100
95 99.2 0.0 210.8



#50
Toluene-d8
Concen: 44.842 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55

Tgt Ion: 98 Resp: 317405
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4





#55

1,1,2-Trichloroethane

Concen: 1.429 ug/l

RT: 9.140 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047753.D

Acq: 24 Sep 2025 05:55

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20250916

Tgt Ion: 97 Resp: 3082

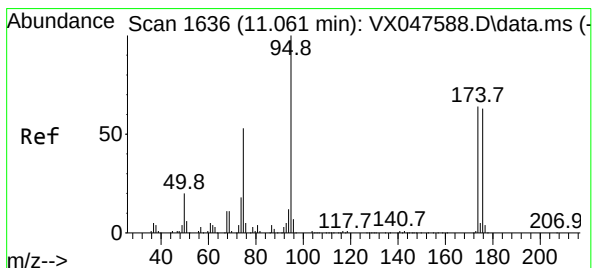
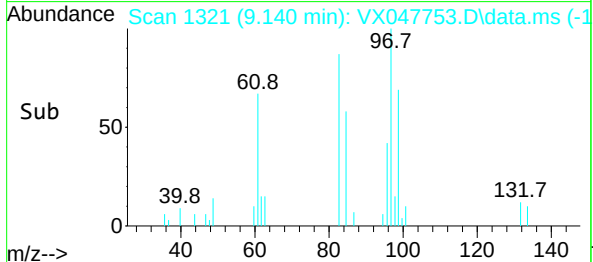
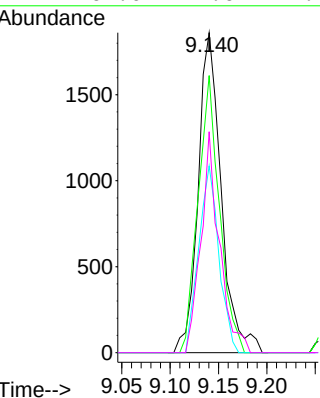
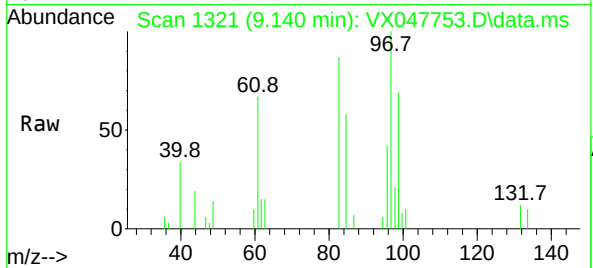
Ion Ratio Lower Upper

97 100

83 86.6 69.6 104.4

85 58.4 45.0 67.6

99 69.0 49.6 74.4



#62

4-Bromofluorobenzene

Concen: 52.075 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX047753.D

Acq: 24 Sep 2025 05:55

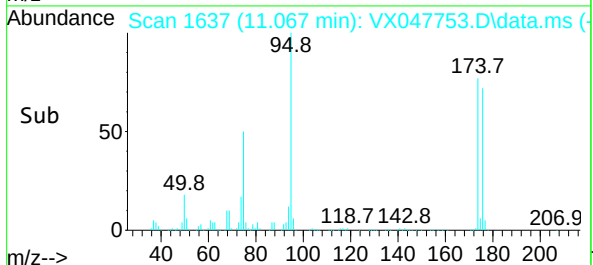
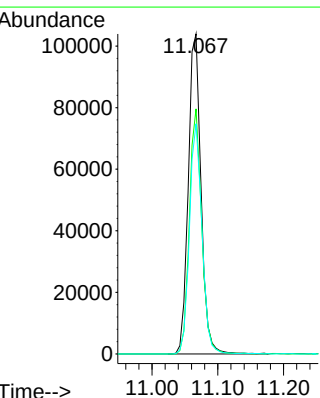
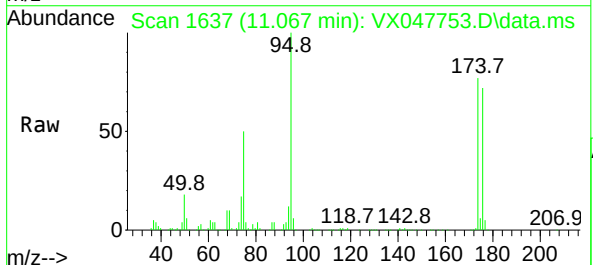
Tgt Ion: 95 Resp: 139890

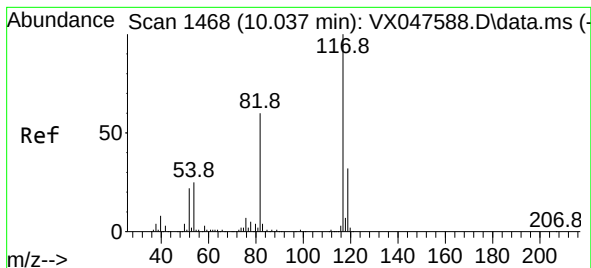
Ion Ratio Lower Upper

95 100

174 74.3 0.0 141.6

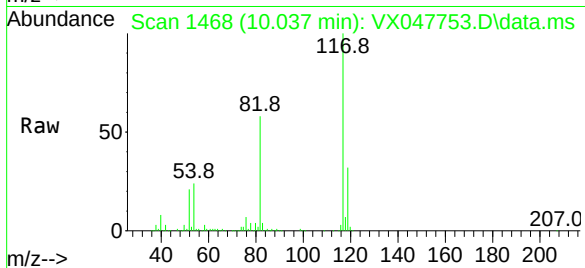
176 70.8 0.0 138.4



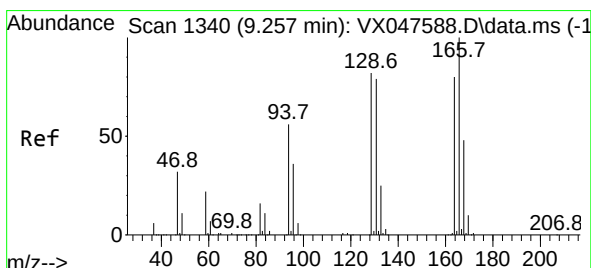
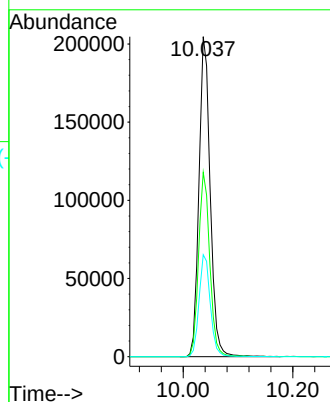
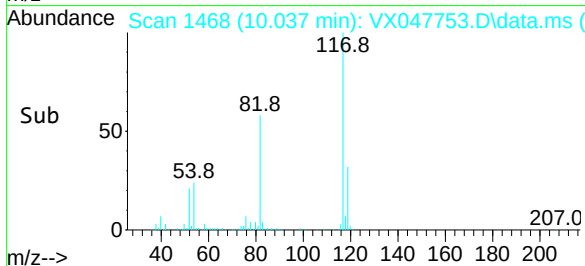


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55

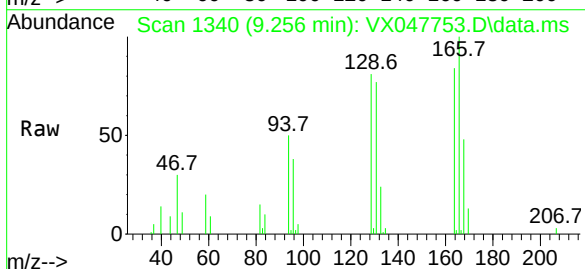
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250916



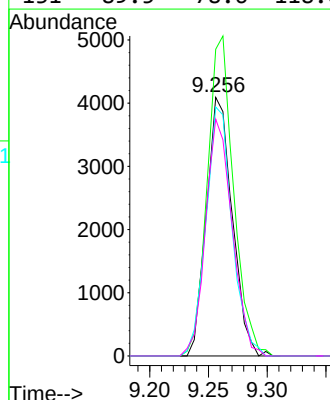
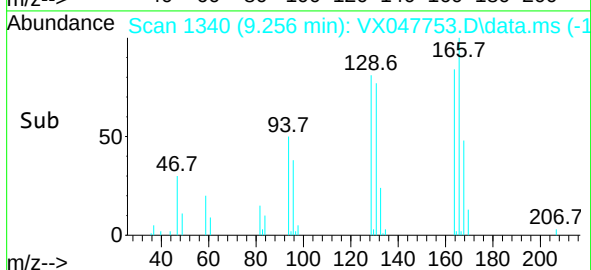
Tgt Ion:117 Resp: 291964
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.6
119 31.9 25.2 37.8

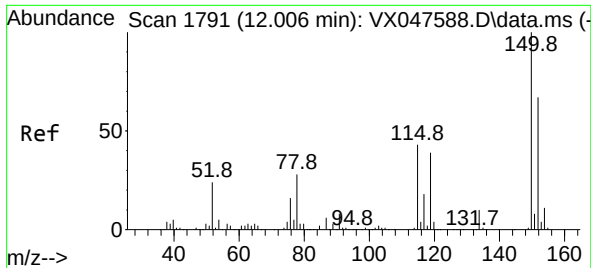


#64
Tetrachloroethene
Concen: 3.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047753.D
Acq: 24 Sep 2025 05:55



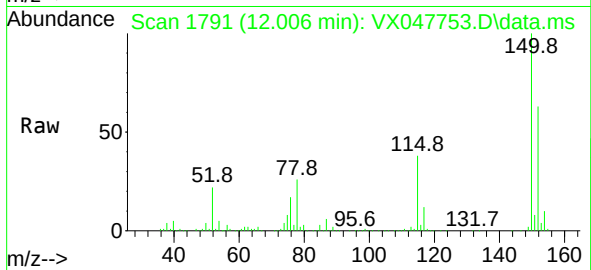
Tgt Ion:164 Resp: 6273
Ion Ratio Lower Upper
164 100
166 118.5 100.2 150.2
129 94.0 81.8 122.6
131 89.5 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047753.D
 Acq: 24 Sep 2025 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20250916



Tgt Ion:152 Resp: 154008
 Ion Ratio Lower Upper
 152 100
 115 61.5 44.9 134.5
 150 157.8 0.0 352.0

