

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047855.D
 Acq On : 26 Sep 2025 14:04
 Operator : JC/MD
 Sample : Q3156-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20250918DL

Quant Time: Sep 26 23:15:01 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)

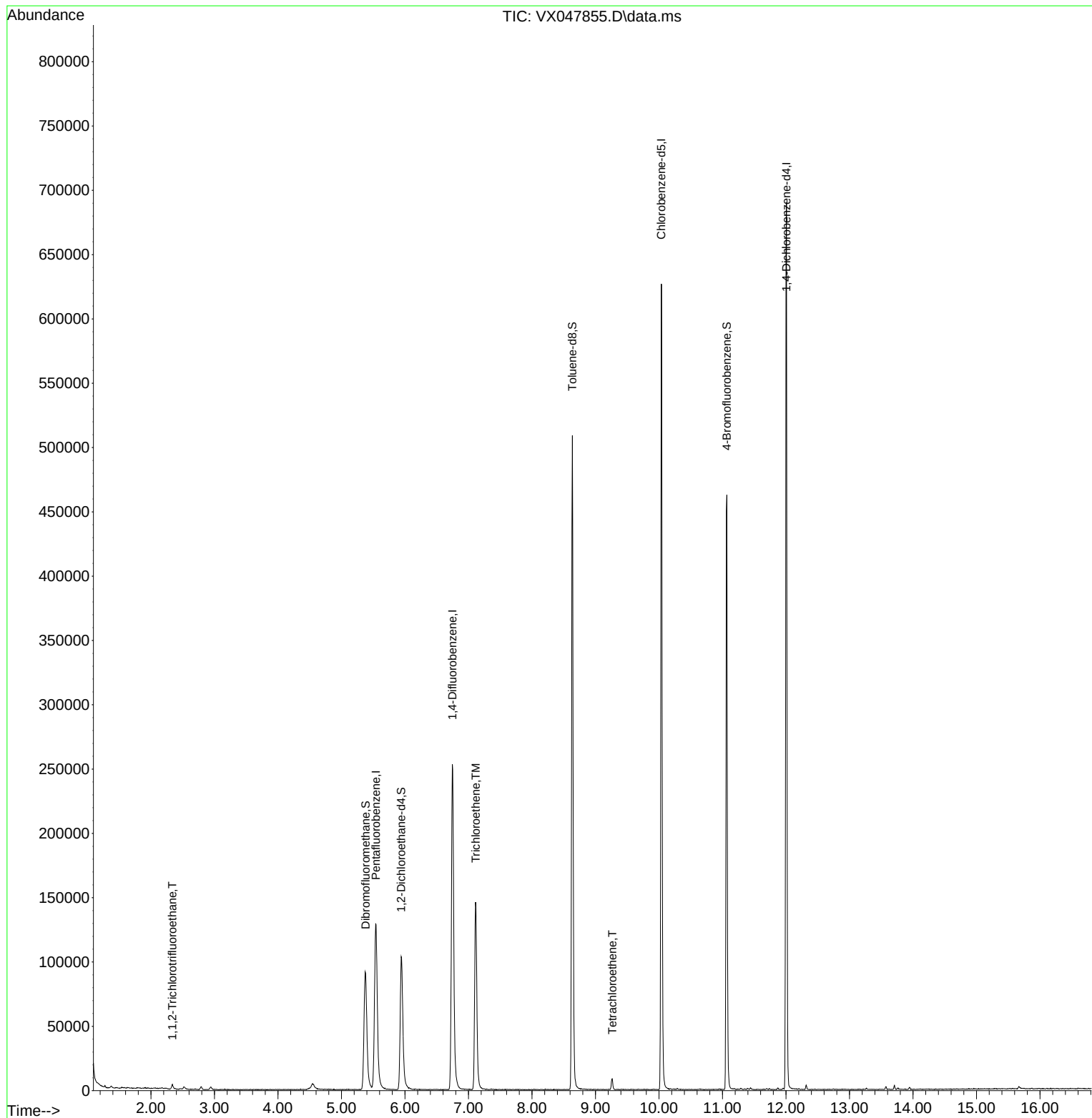
Internal Standards						
1) Pentafluorobenzene	5.544	168	131580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113512	54.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.400%	
35) Dibromofluoromethane	5.379	113	91157	49.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.900%	
50) Toluene-d8	8.635	98	311775	48.876	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	11.067	95	132783	54.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.700%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1569	1.031	ug/l	96
44) Trichloroethene	7.117	130	62107	31.398	ug/l	91
64) Tetrachloroethene	9.263	164	1820	0.985	ug/l	85

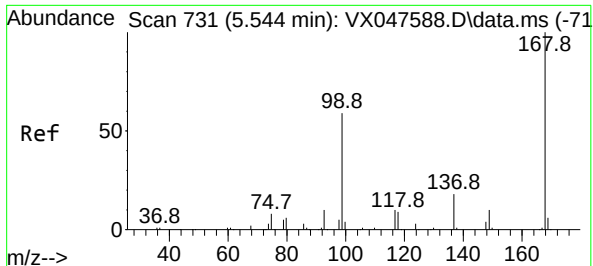
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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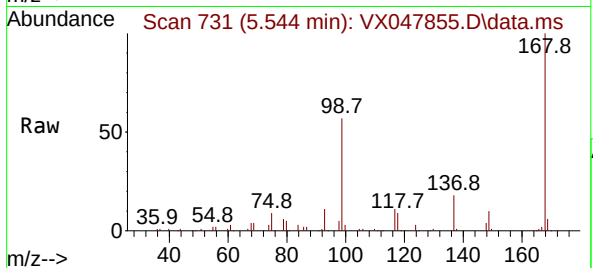
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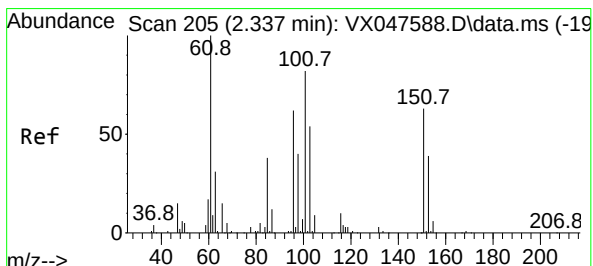
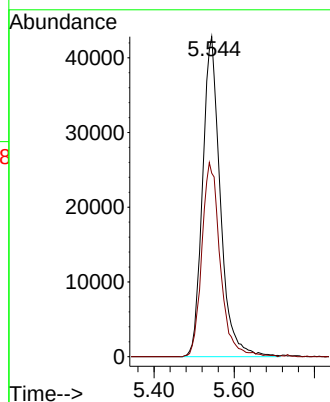
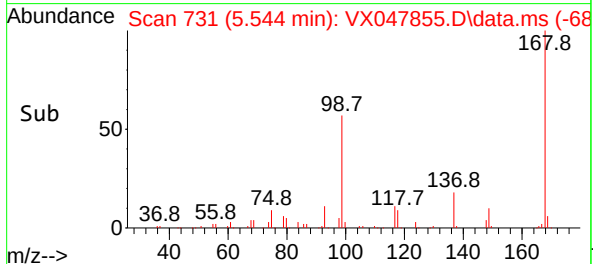


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

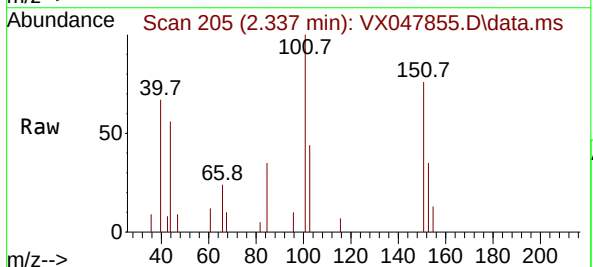
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL



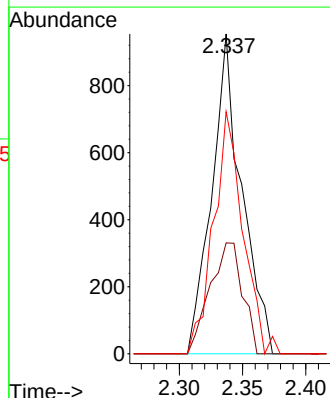
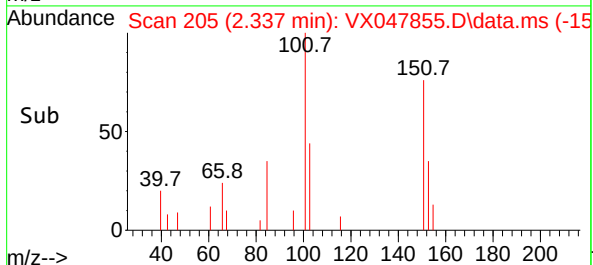
Tgt Ion:168 Resp: 131580
Ion Ratio Lower Upper
168 100
99 57.4 48.8 73.2

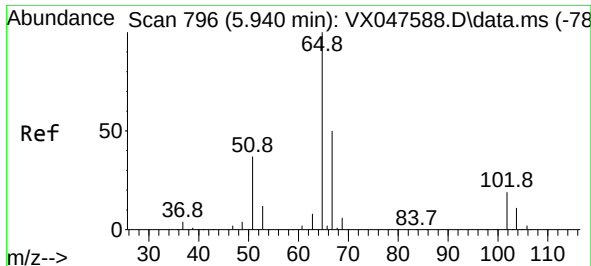


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.031 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04



Tgt Ion:101 Resp: 1569
Ion Ratio Lower Upper
101 100
85 37.9 35.5 53.3
151 74.3 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 54.197 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX047855.D

Acq: 26 Sep 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

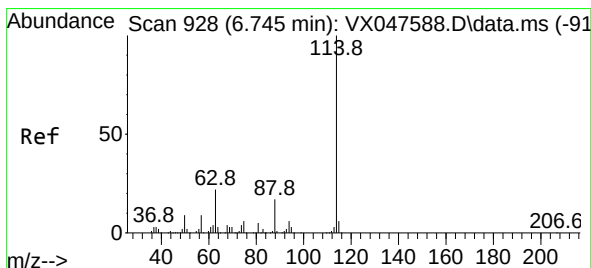
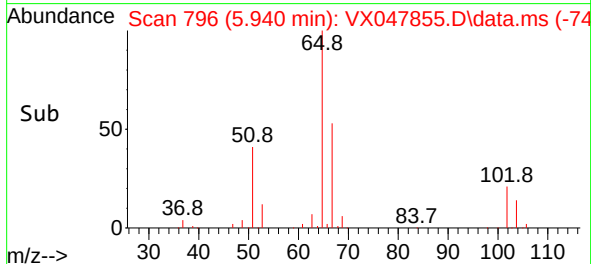
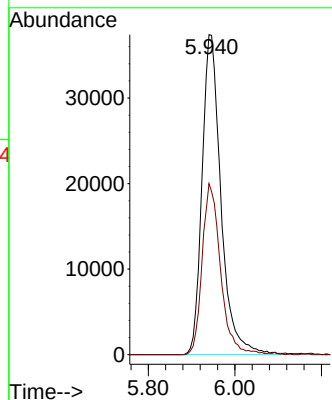
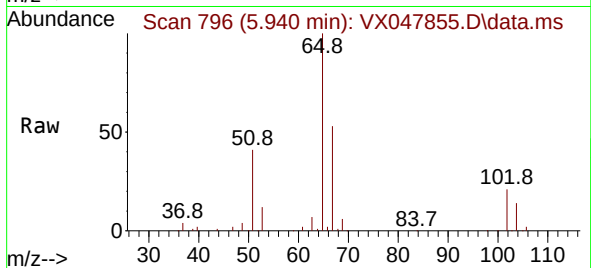
RE132D4-20250918DL

Tgt Ion: 65 Resp: 113512

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX047855.D

Acq: 26 Sep 2025 14:04

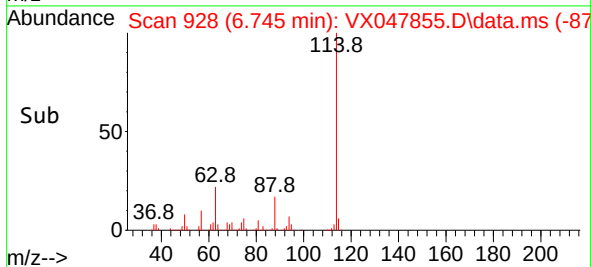
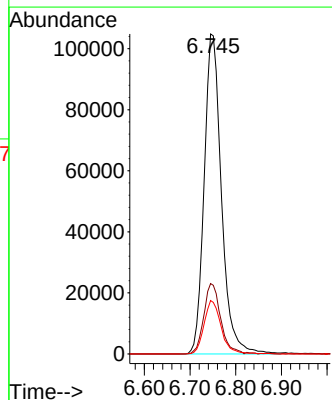
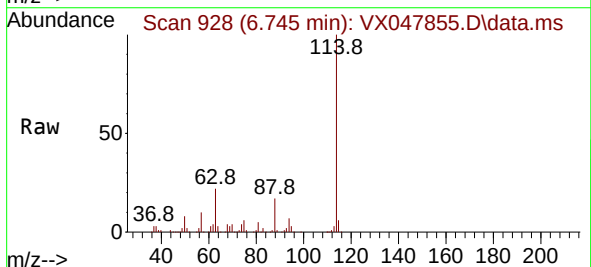
Tgt Ion: 114 Resp: 274881

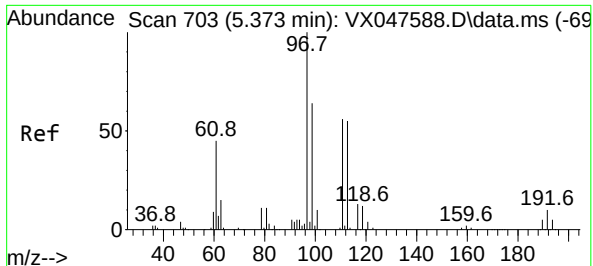
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.448 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047855.D

Acq: 26 Sep 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20250918DL

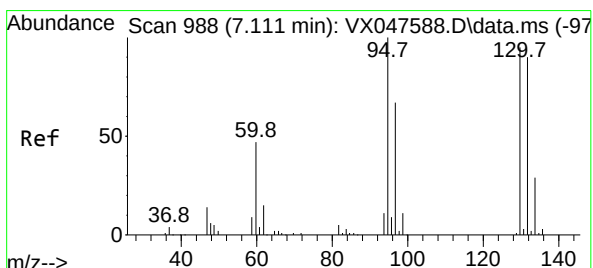
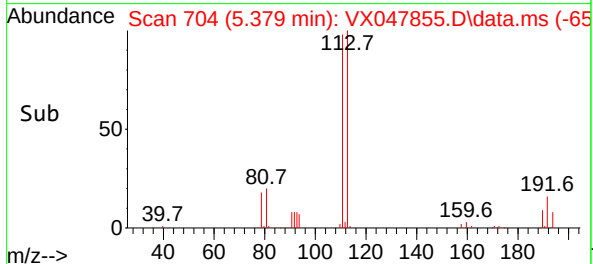
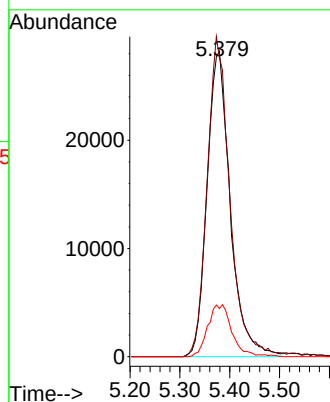
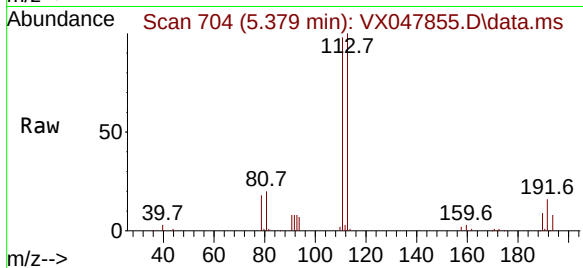
Tgt Ion:113 Resp: 91157

Ion Ratio Lower Upper

113 100

111 103.4 80.9 121.3

192 17.8 14.2 21.4



#44

Trichloroethene

Concen: 31.398 ug/l

RT: 7.117 min Scan# 989

Delta R.T. 0.006 min

Lab File: VX047855.D

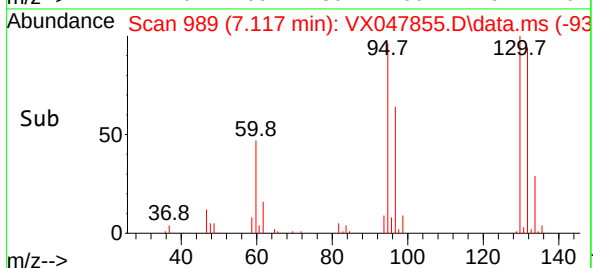
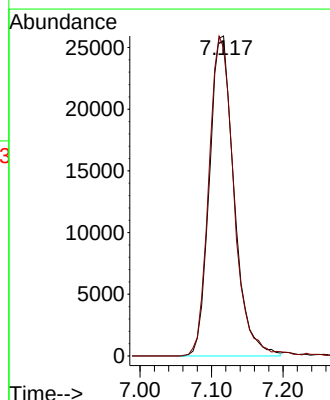
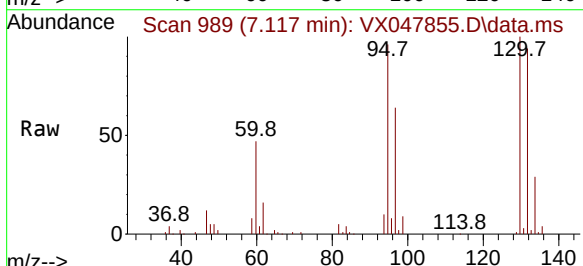
Acq: 26 Sep 2025 14:04

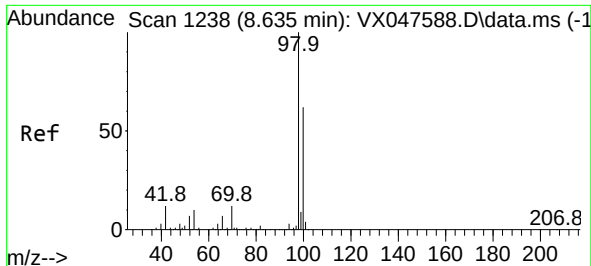
Tgt Ion:130 Resp: 62107

Ion Ratio Lower Upper

130 100

95 96.3 0.0 210.8

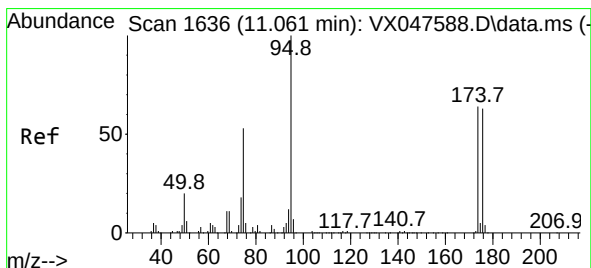
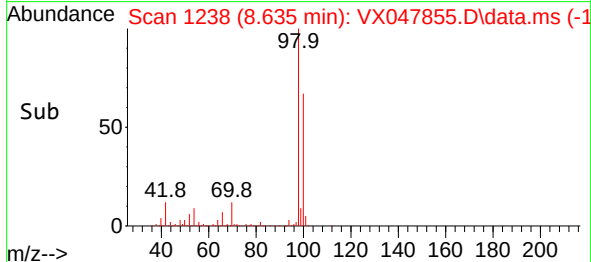
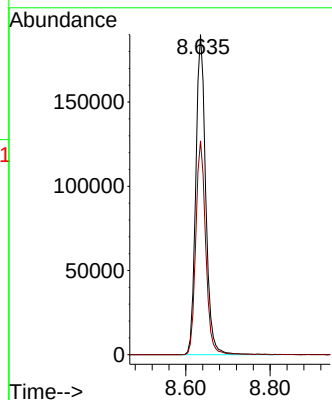
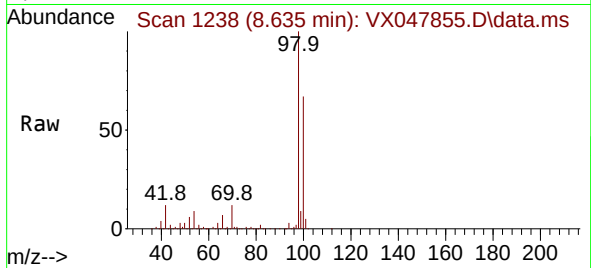




#50
Toluene-d8
Concen: 48.876 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

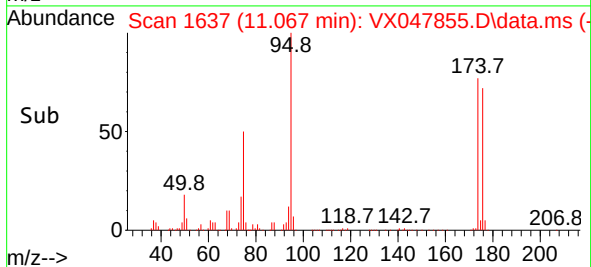
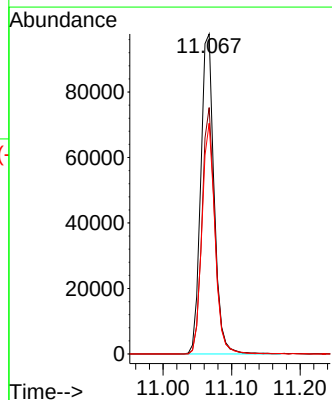
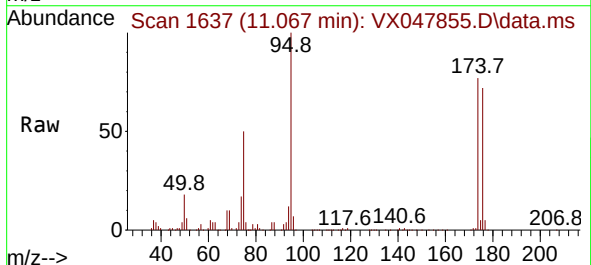
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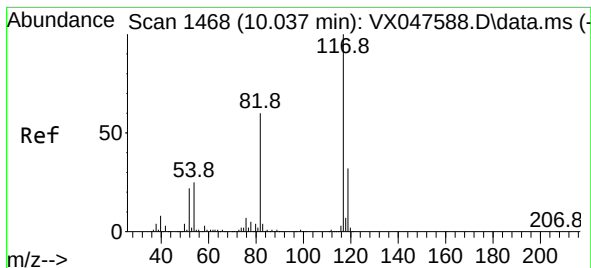
Tgt Ion: 98 Resp: 311775
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.849 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 95 Resp: 132783
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.6
176 70.6 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: VX047855.D

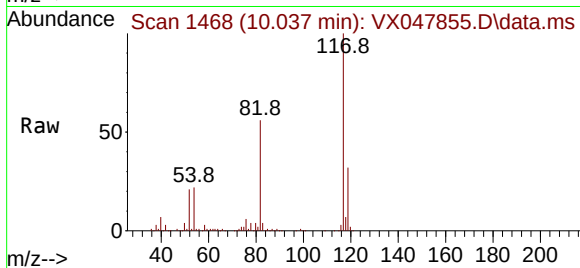
Acq: 26 Sep 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20250918DL



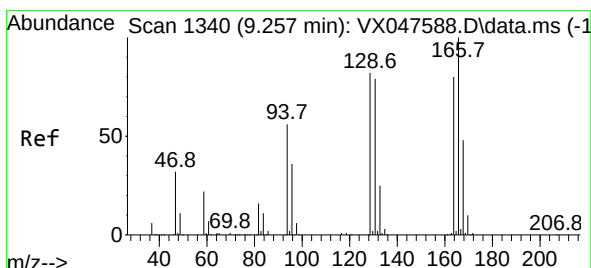
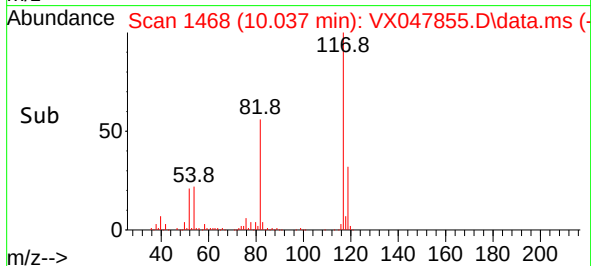
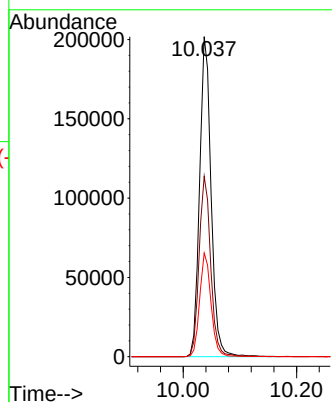
Tgt Ion:117 Resp: 283545

Ion Ratio Lower Upper

117 100

82 56.3 47.8 71.6

119 32.4 25.2 37.8



#64

Tetrachloroethene

Concen: 0.985 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047855.D

Acq: 26 Sep 2025 14:04

Tgt Ion:164 Resp: 1820

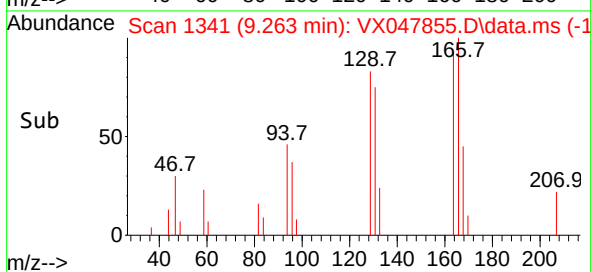
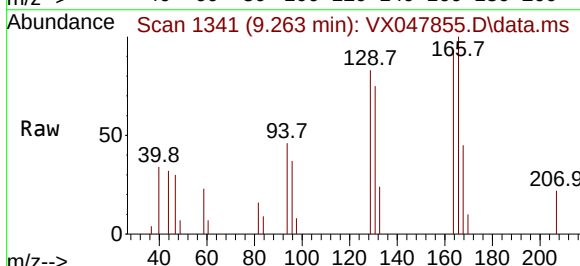
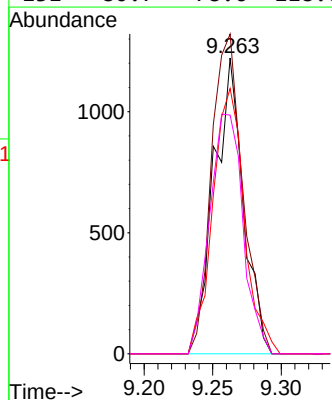
Ion Ratio Lower Upper

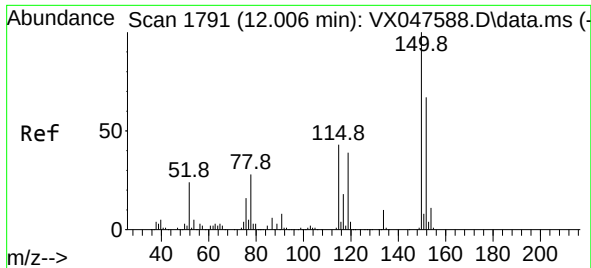
164 100

166 108.1 100.2 150.2

129 89.7 81.8 122.6

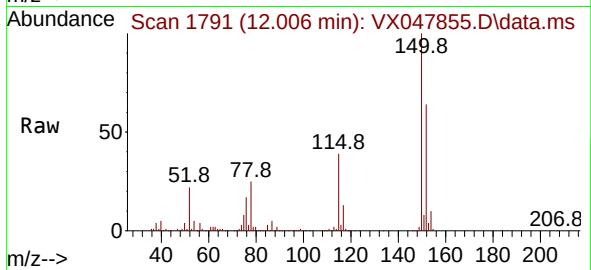
131 80.7 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047855.D
 Acq: 26 Sep 2025 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20250918DL



Tgt Ion:	152	Resp:	144513
Ion Ratio	Lower	Upper	
152	100		
115	62.7	44.9	134.5
150	158.0	0.0	352.0

