

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047621.D
 Acq On : 17 Sep 2025 16:13
 Operator : JC/MD
 Sample : Q3095-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20250909

Quant Time: Sep 18 02:06:38 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)

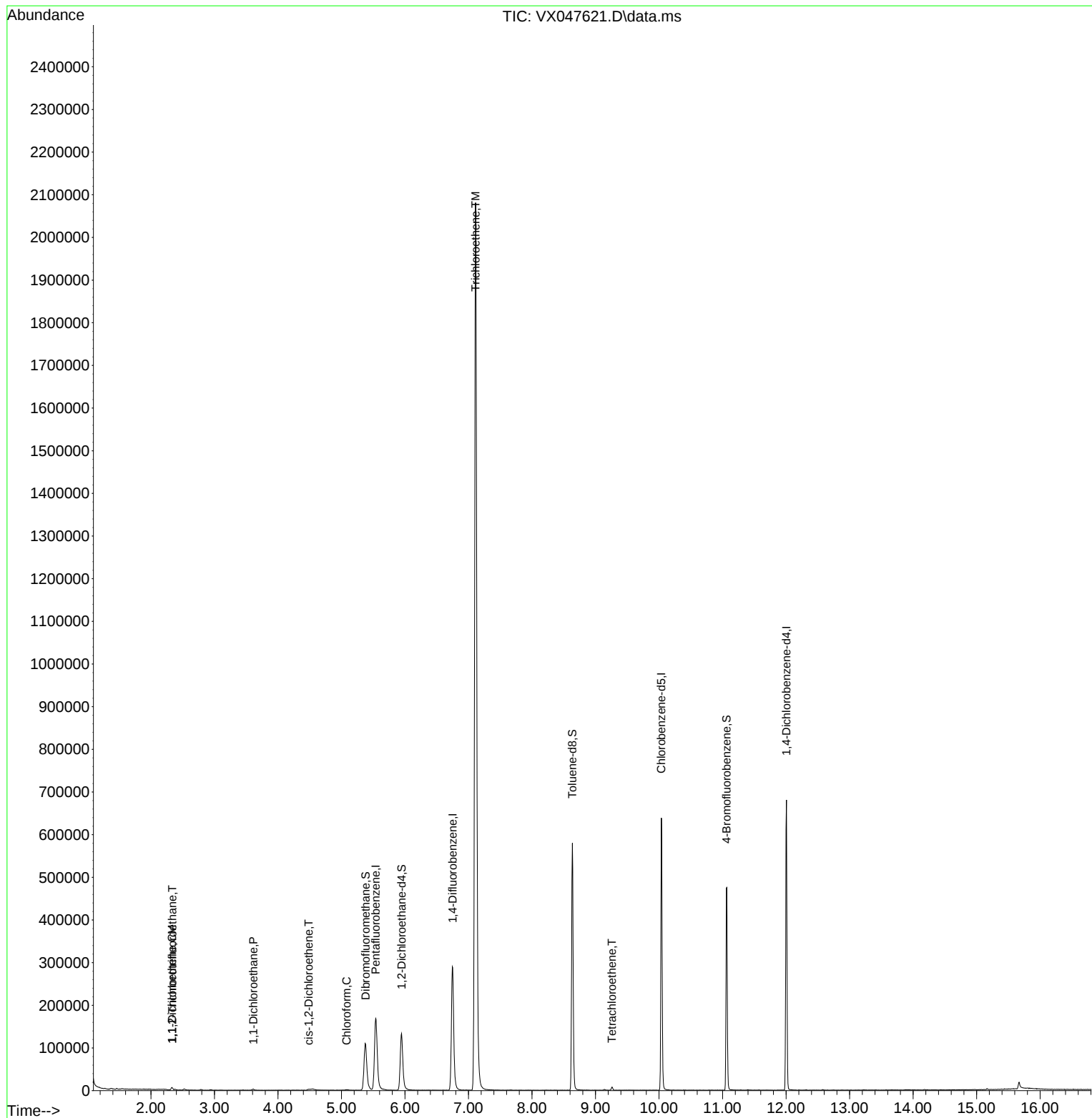
Internal Standards						
1) Pentafluorobenzene	5.537	168	169880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	316576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	144227	53.337	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.680%	
35) Dibromofluoromethane	5.379	113	106620	50.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.440%	
50) Toluene-d8	8.634	98	357051	48.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	11.061	95	139905	50.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.360%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	938	0.477	ug/l #	82
12) 1,1-Dichloroethene	2.331	96	1632	0.809	ug/l	85
24) 1,1-Dichloroethane	3.611	63	3380	0.788	ug/l #	92
27) cis-1,2-Dichloroethene	4.483	96	1289	0.484	ug/l	73
30) Chloroform	5.080	83	1479	0.341	ug/l	84
44) Trichloroethene	7.110	130	863050	378.850	ug/l	98
64) Tetrachloroethene	9.256	164	1440	0.782	ug/l	95

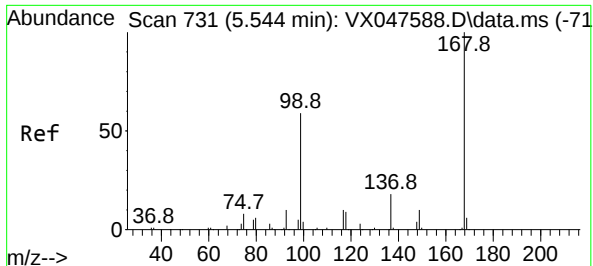
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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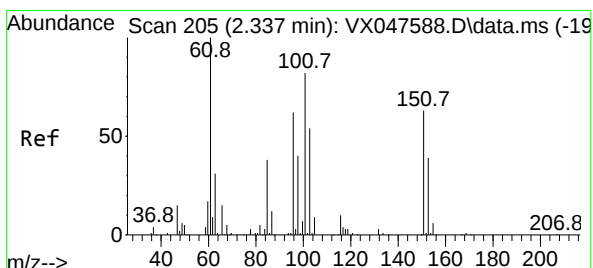
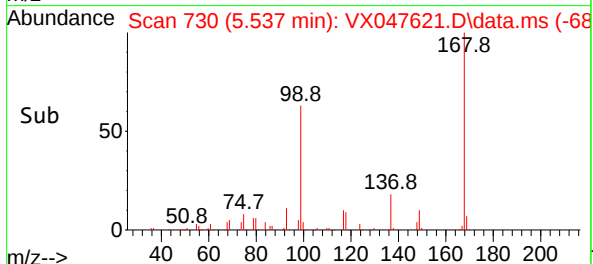
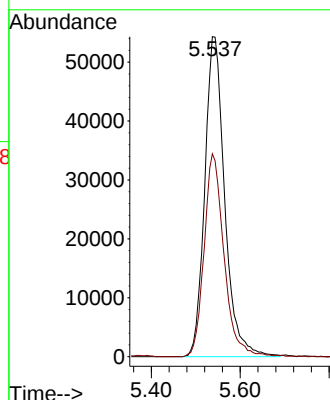
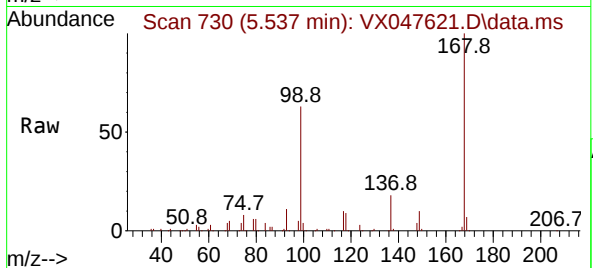




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047621.D
Acq: 17 Sep 2025 16:13

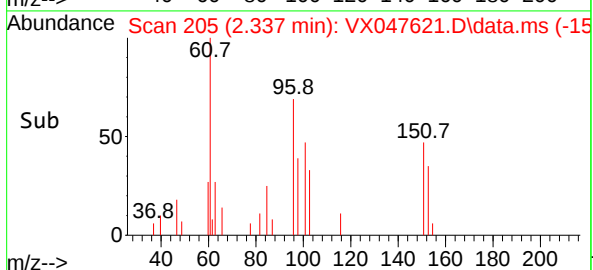
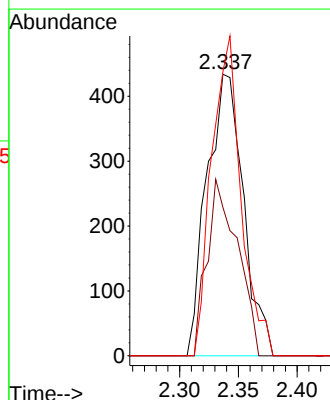
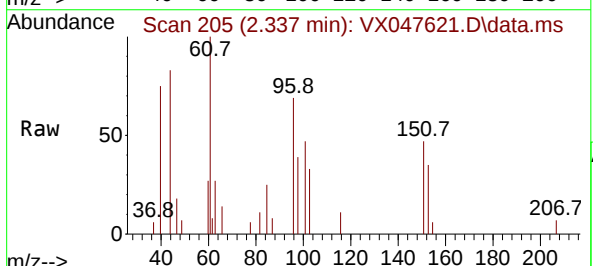
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250909

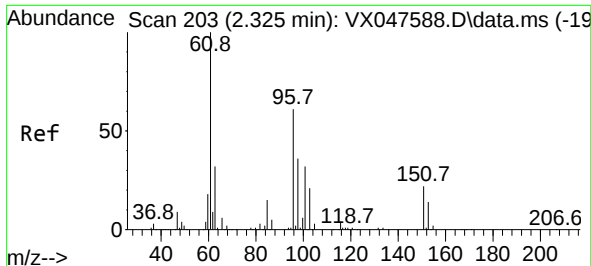
Tgt Ion:168 Resp: 169880
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.477 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047621.D
Acq: 17 Sep 2025 16:13

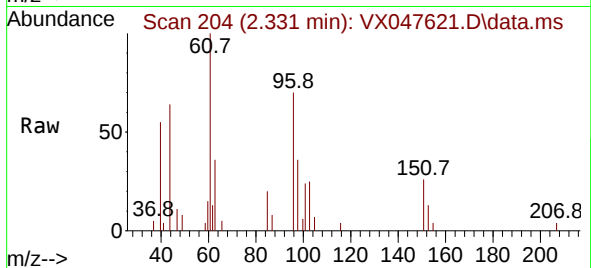
Tgt Ion:101 Resp: 938
Ion Ratio Lower Upper
101 100
85 52.6 35.5 53.3
151 91.8 59.4 89.0#





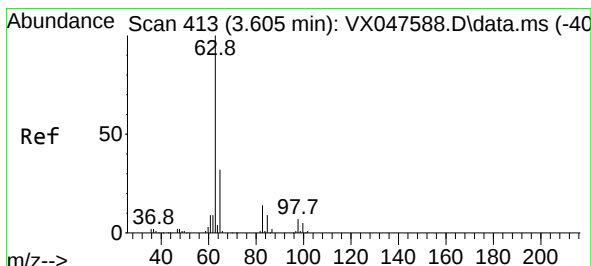
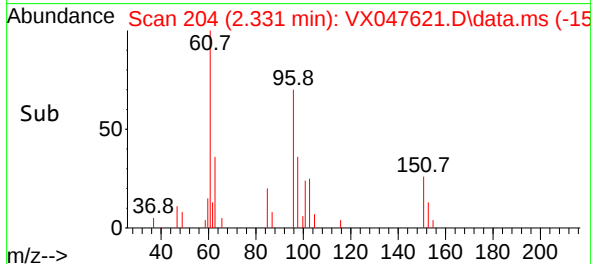
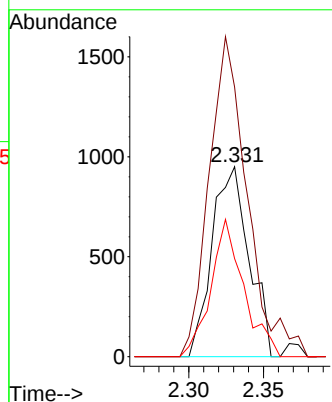
#12
1,1-Dichloroethene
Concen: 0.809 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX047621.D
Acq: 17 Sep 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250909



Tgt Ion: 96 Resp: 1632

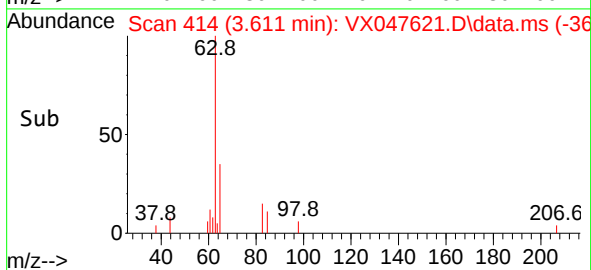
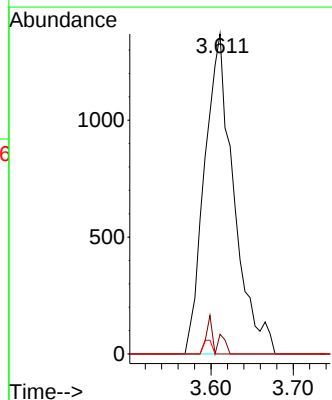
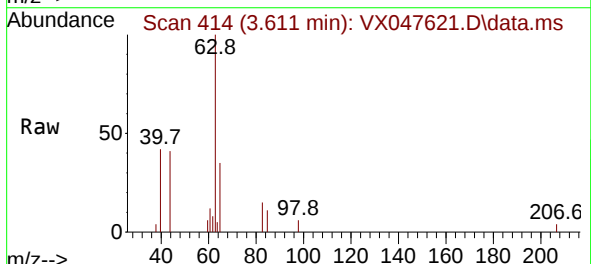
Ion	Ratio	Lower	Upper
96	100		
61	142.0	131.0	196.6
98	51.7	47.7	71.5

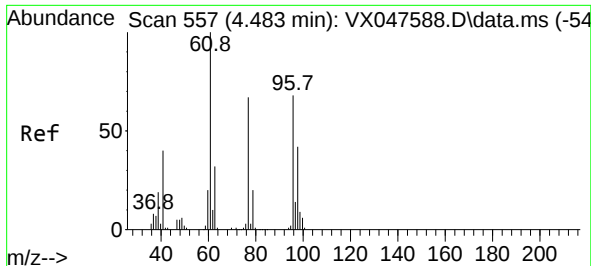


#24
1,1-Dichloroethane
Concen: 0.788 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047621.D
Acq: 17 Sep 2025 16:13

Tgt Ion: 63 Resp: 3380

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.8	11.2
100	0.0	2.3	6.9





#27

cis-1,2-Dichloroethene

Concen: 0.484 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX047621.D

Acq: 17 Sep 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20250909

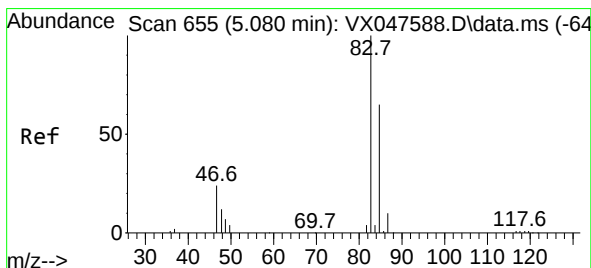
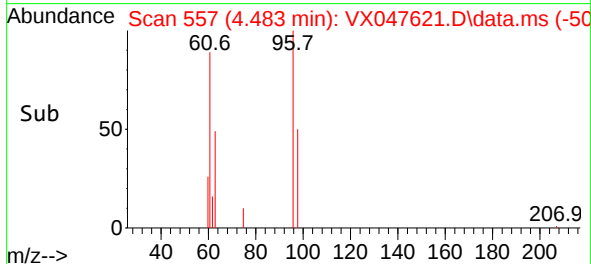
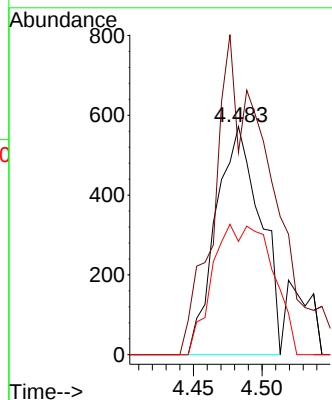
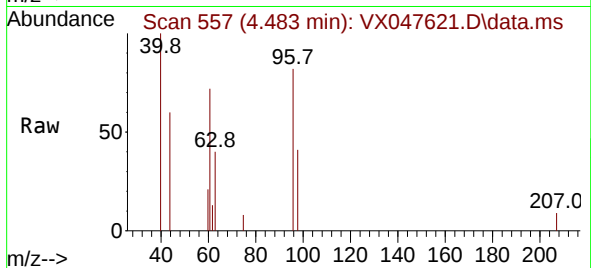
Tgt Ion: 96 Resp: 1289

Ion Ratio Lower Upper

96 100

61 182.4 0.0 303.2

98 36.9 0.0 127.8



#30

Chloroform

Concen: 0.341 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX047621.D

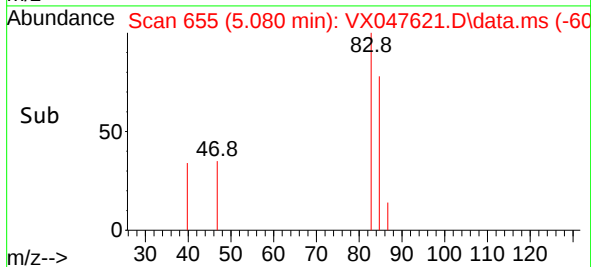
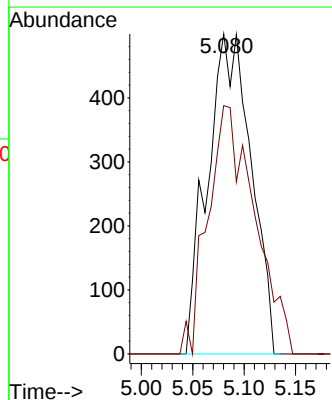
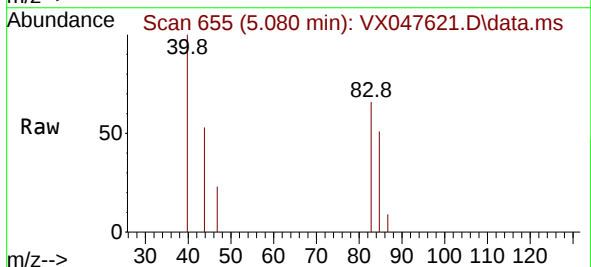
Acq: 17 Sep 2025 16:13

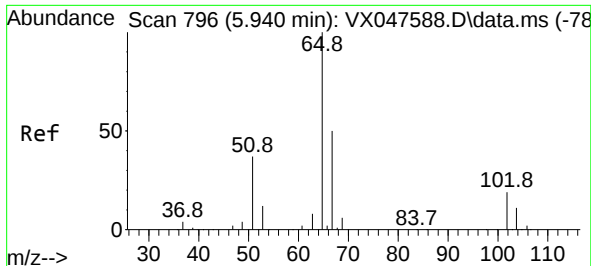
Tgt Ion: 83 Resp: 1479

Ion Ratio Lower Upper

83 100

85 77.6 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 53.337 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047621.D

Acq: 17 Sep 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

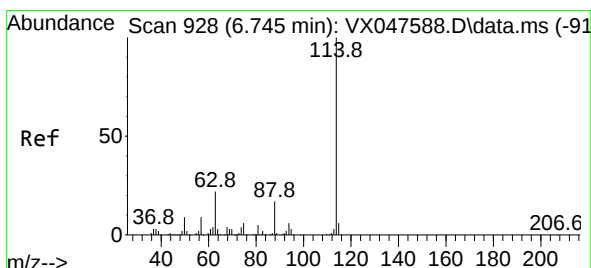
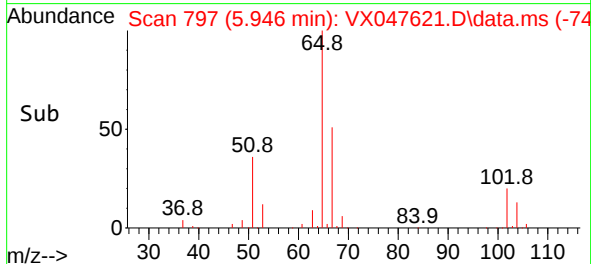
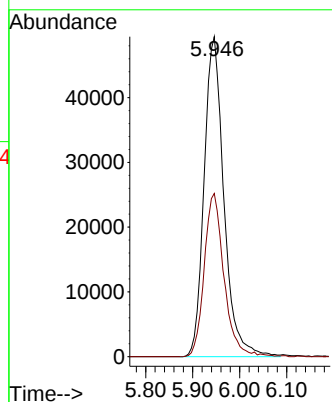
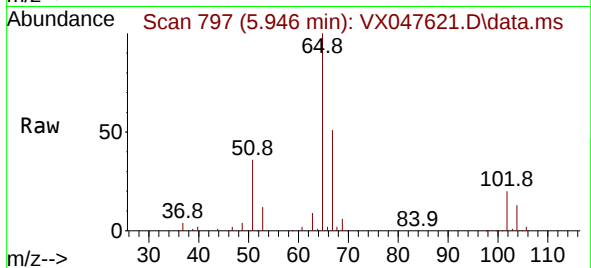
RE126D2-20250909

Tgt Ion: 65 Resp: 144227

Ion Ratio Lower Upper

65 100

67 51.0 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: VX047621.D

Acq: 17 Sep 2025 16:13

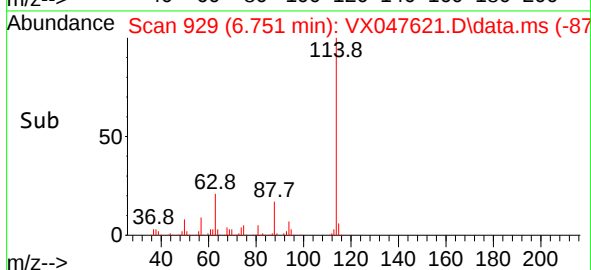
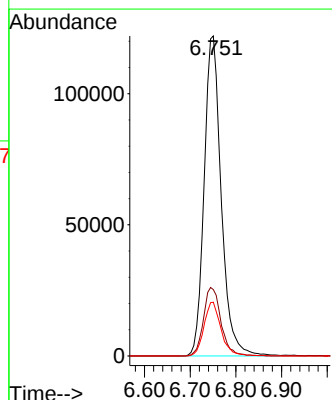
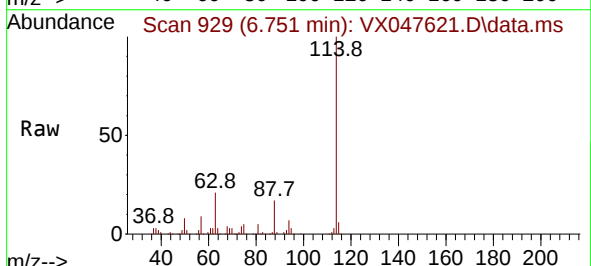
Tgt Ion: 114 Resp: 316576

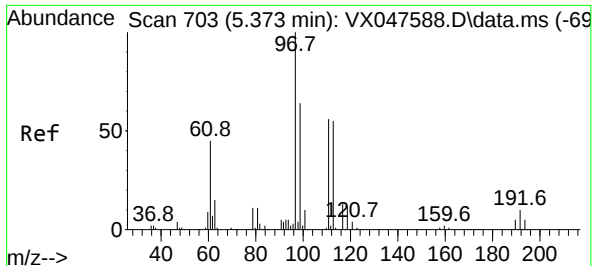
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 16.8 0.0 34.2

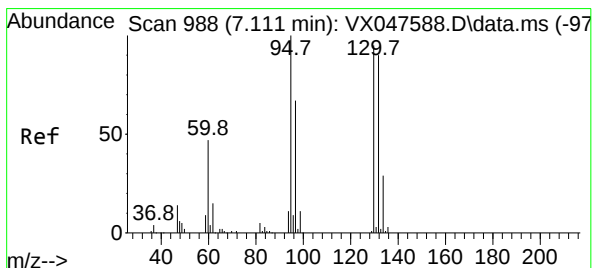
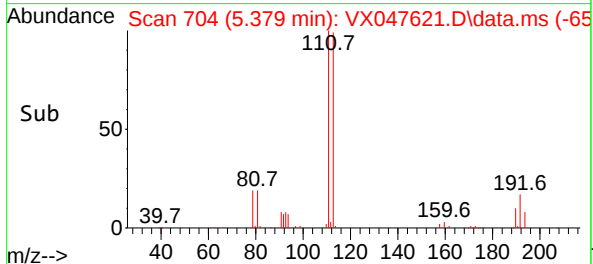
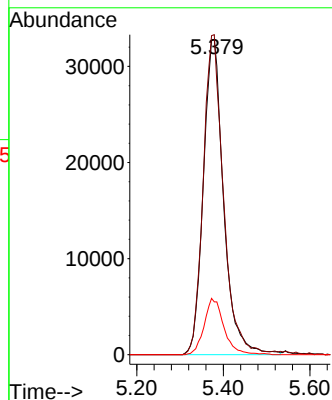
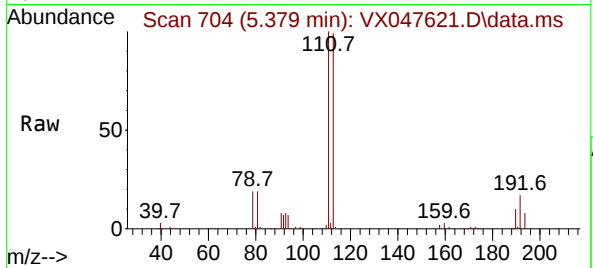




#35
Dibromofluoromethane
Concen: 50.218 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047621.D
Acq: 17 Sep 2025 16:13

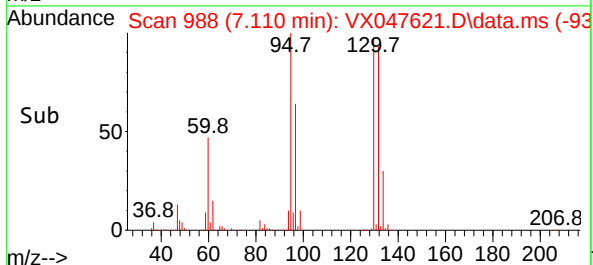
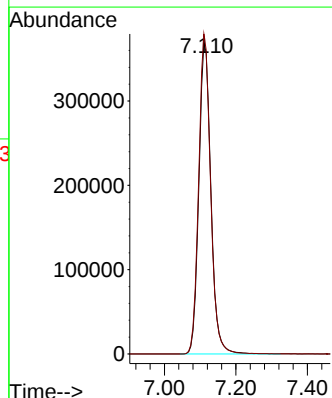
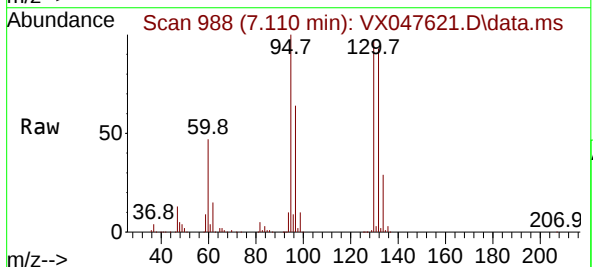
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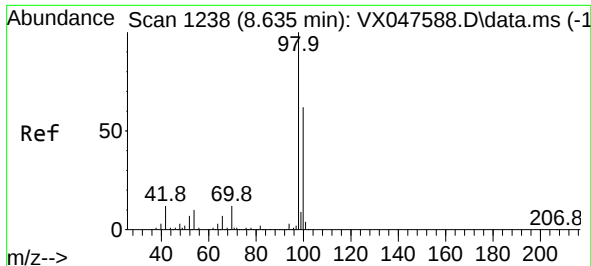
Tgt Ion:113 Resp: 106620
Ion Ratio Lower Upper
113 100
111 100.9 80.9 121.3
192 17.5 14.2 21.4



#44
Trichloroethene
Concen: 378.850 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047621.D
Acq: 17 Sep 2025 16:13

Tgt Ion:130 Resp: 863050
Ion Ratio Lower Upper
130 100
95 102.9 0.0 210.8

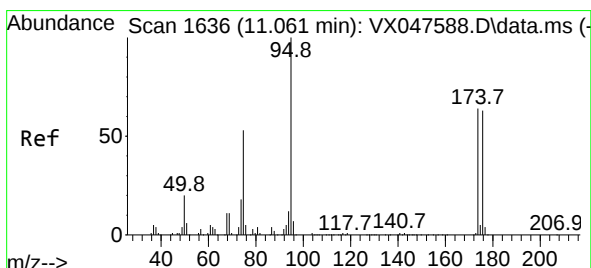
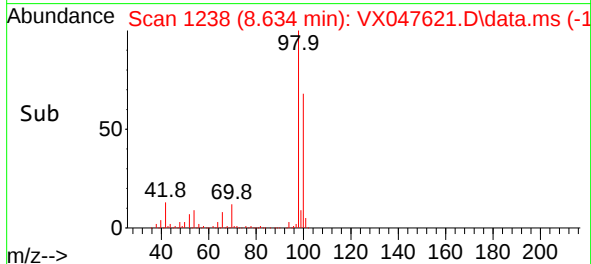
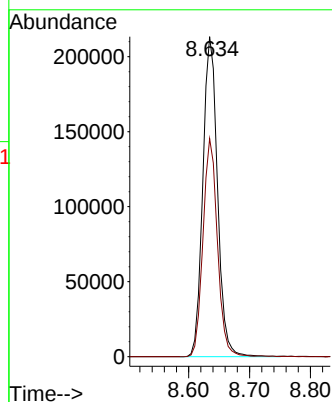
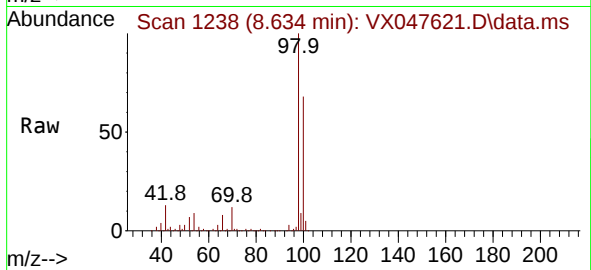




#50
Toluene-d8
Concen: 48.602 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047621.D
Acq: 17 Sep 2025 16:13

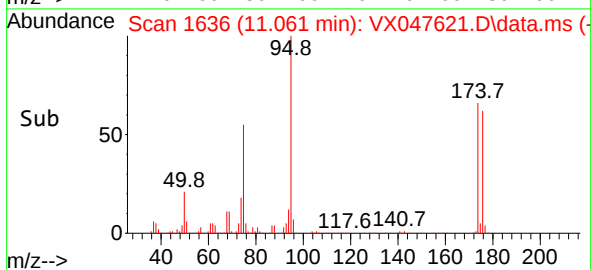
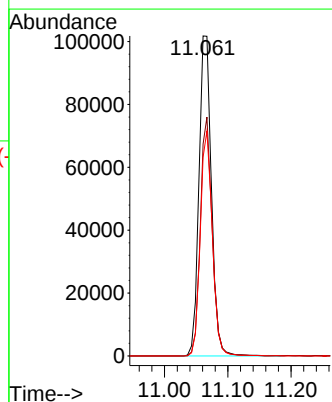
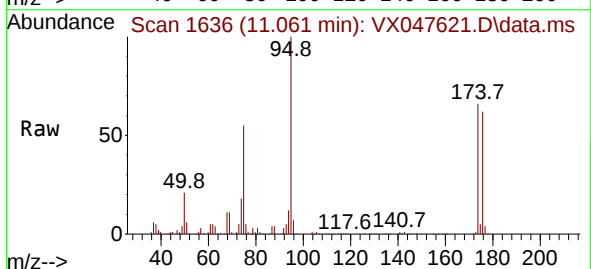
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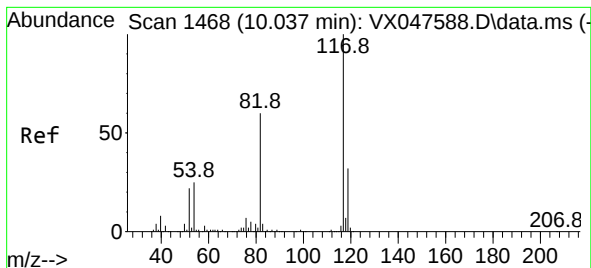
Tgt Ion: 98 Resp: 357051
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.179 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047621.D
Acq: 17 Sep 2025 16:13

Tgt Ion: 95 Resp: 139905
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.6
176 68.0 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: VX047621.D

Acq: 17 Sep 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20250909

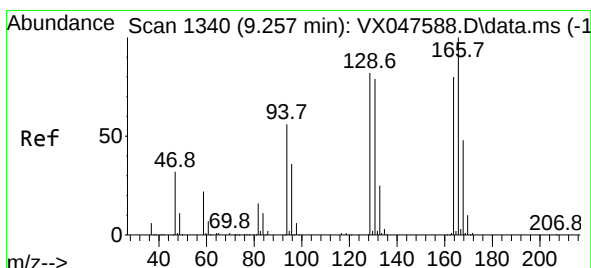
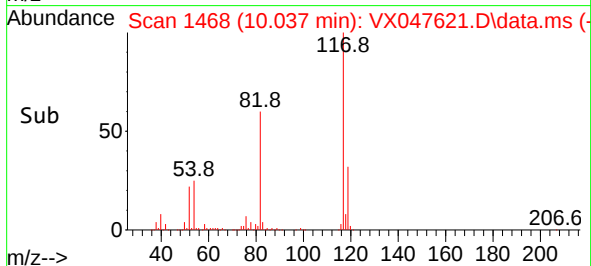
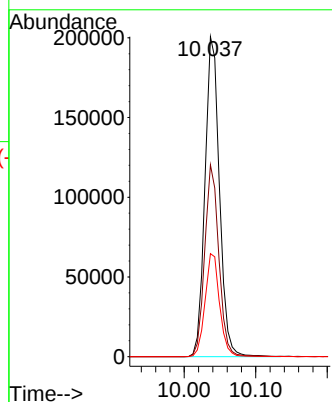
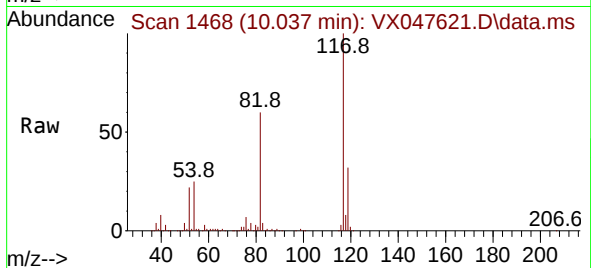
Tgt Ion:117 Resp: 282558

Ion Ratio Lower Upper

117 100

82 60.0 47.8 71.6

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 0.782 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047621.D

Acq: 17 Sep 2025 16:13

Tgt Ion:164 Resp: 1440

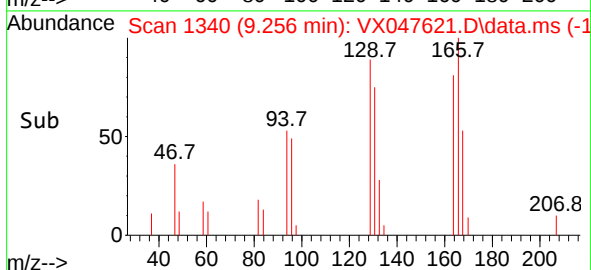
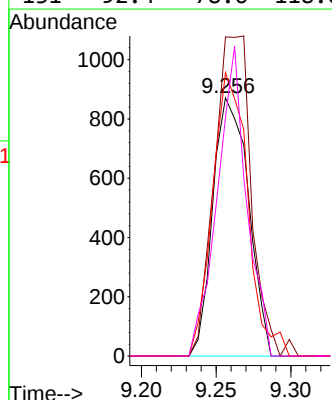
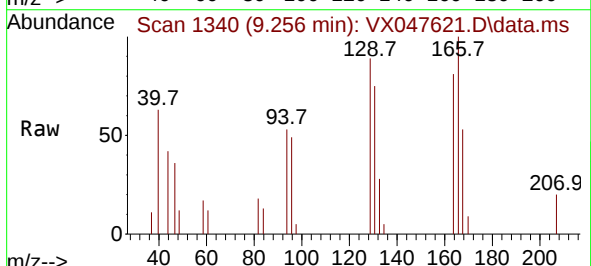
Ion Ratio Lower Upper

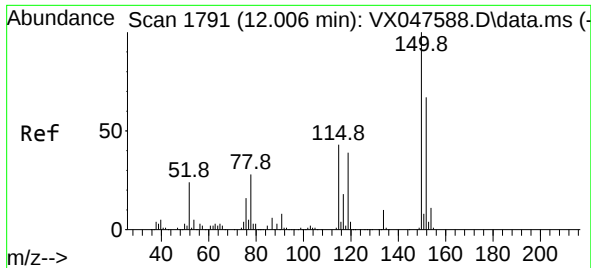
164 100

166 123.7 100.2 150.2

129 109.8 81.8 122.6

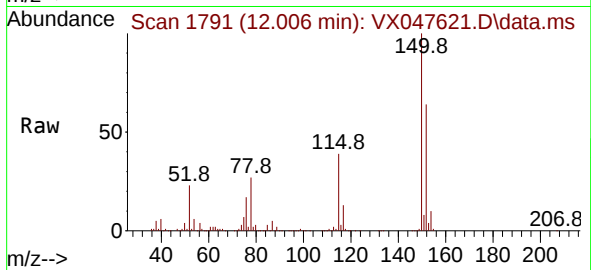
131 92.4 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047621.D
 Acq: 17 Sep 2025 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20250909



Tgt Ion:	152	Resp:	137540
Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.9	134.5
150	158.7	0.0	352.0

