

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047776.D
 Acq On : 24 Sep 2025 15:23
 Operator : JC/MD
 Sample : Q3097-20DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20250912DL

Quant Time: Sep 25 01:16:40 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)

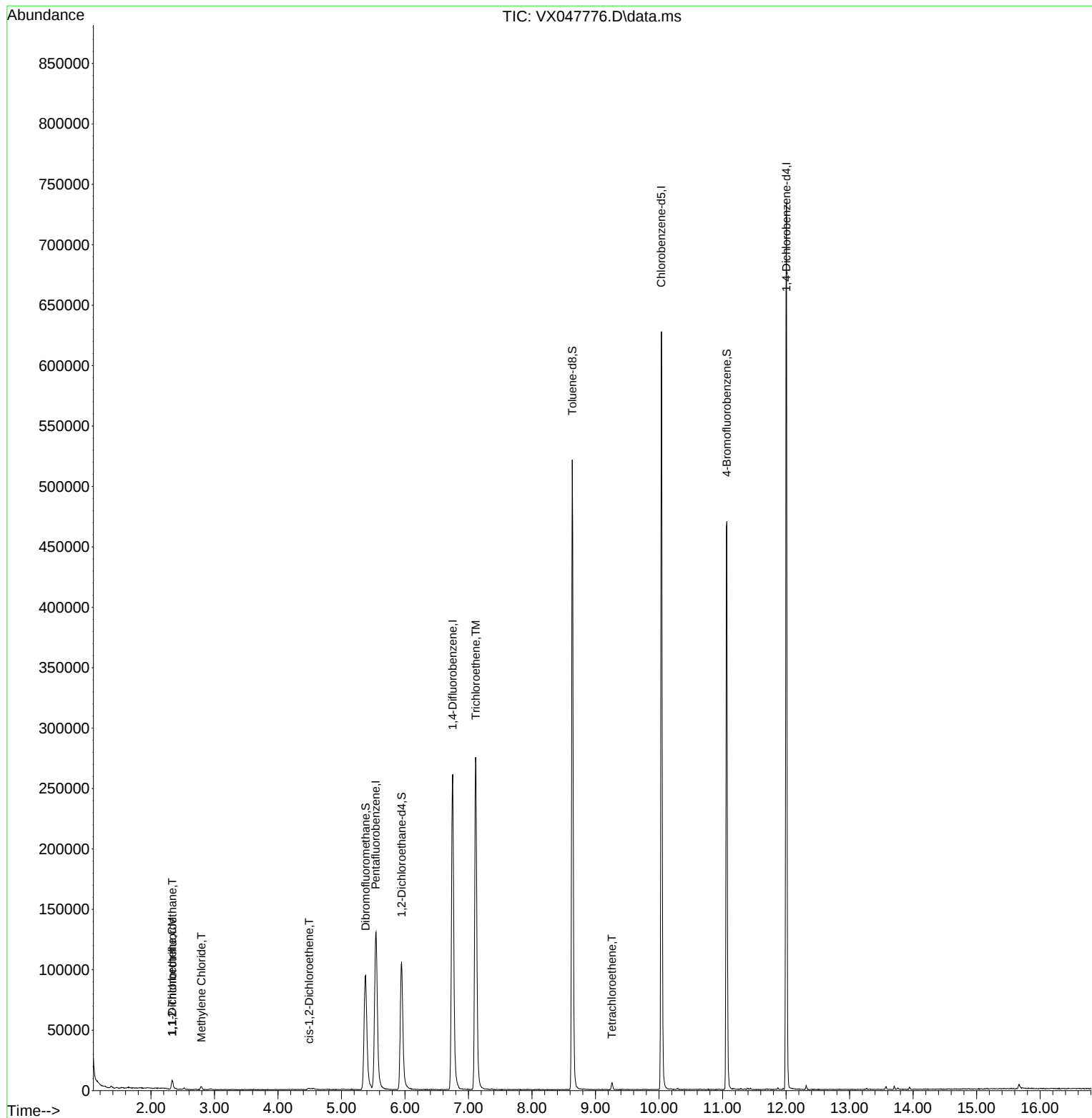
Internal Standards						
1) Pentafluorobenzene	5.537	168	131907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	284626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	292272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114020	54.305	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.600%		
35) Dibromofluoromethane	5.379	113	94170	49.333	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.660%		
50) Toluene-d8	8.634	98	322305	48.797	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.600%		
62) 4-Bromofluorobenzene	11.067	95	141312	56.373	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.740%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2224	1.458	ug/l #	79
12) 1,1-Dichloroethene	2.331	96	941	0.600	ug/l	90
20) Methylene Chloride	2.794	84	1251	0.647	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	714	0.346	ug/l	79
44) Trichloroethene	7.116	130	117893	57.560	ug/l	89
64) Tetrachloroethene	9.256	164	1150	0.604	ug/l #	85

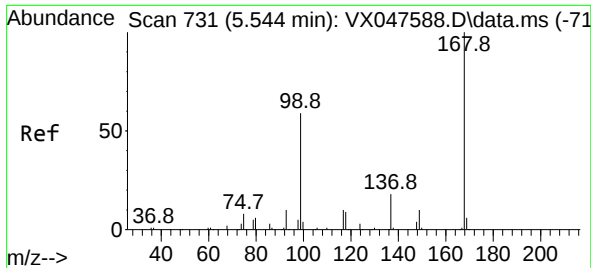
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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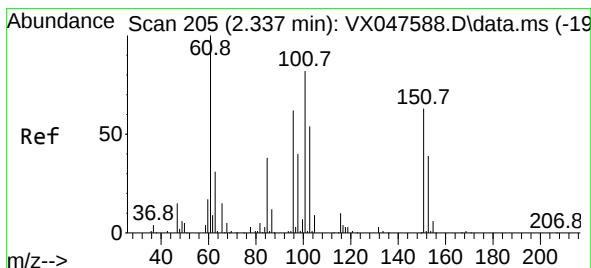
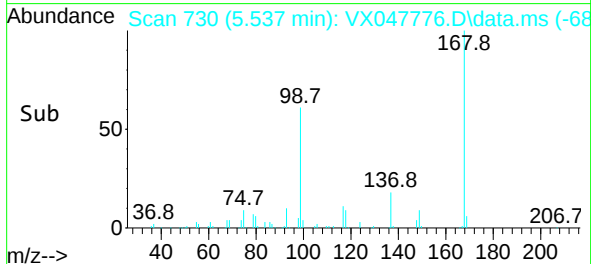
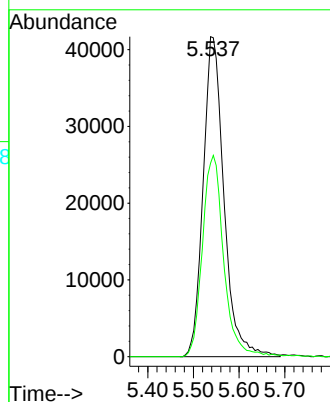
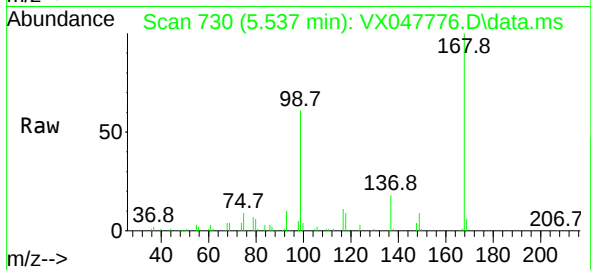




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 731
Delta R.T. -0.007 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

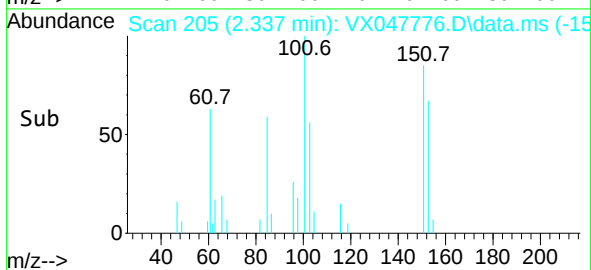
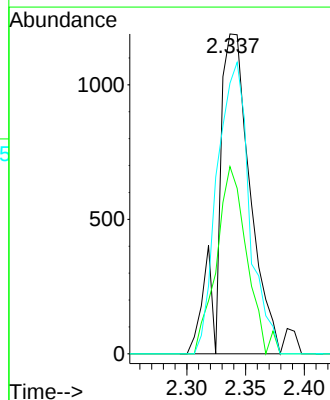
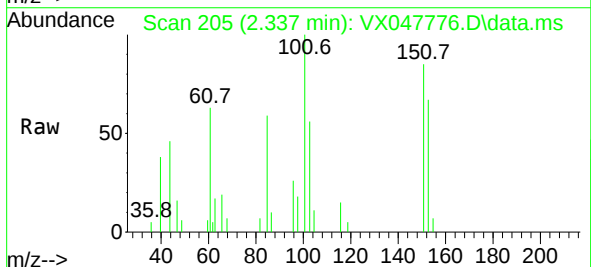
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20250912DL

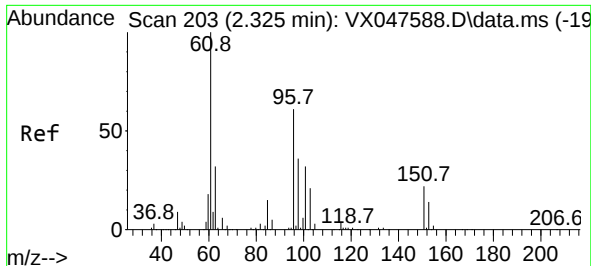
Tgt Ion:168 Resp: 131907
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.458 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

Tgt Ion:101 Resp: 2224
Ion Ratio Lower Upper
101 100
85 56.0 35.5 53.3#
151 93.0 59.4 89.0#

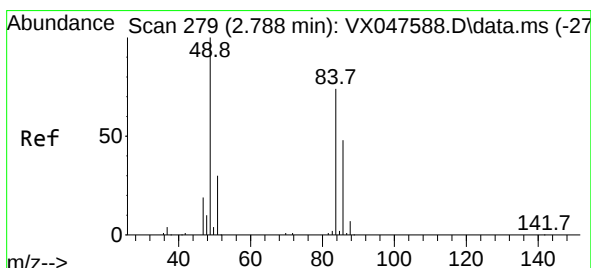
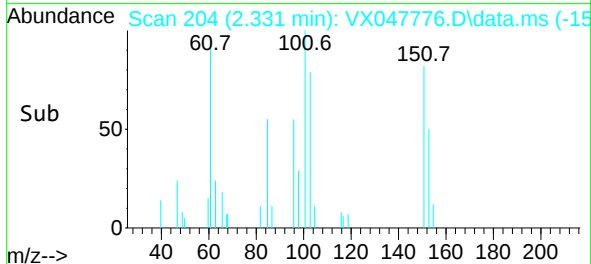
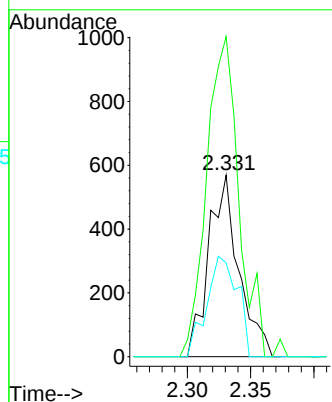
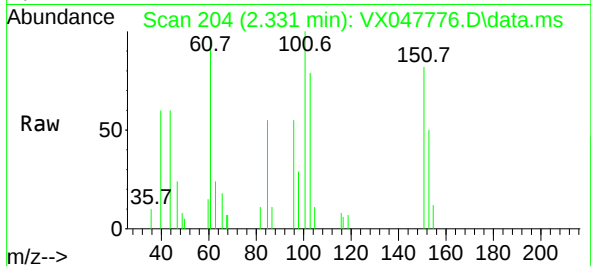




#12
1,1-Dichloroethene
Concen: 0.600 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

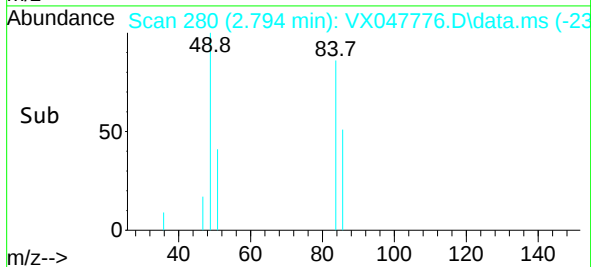
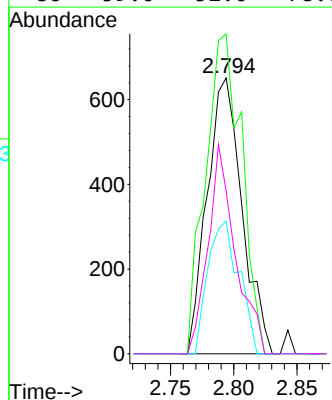
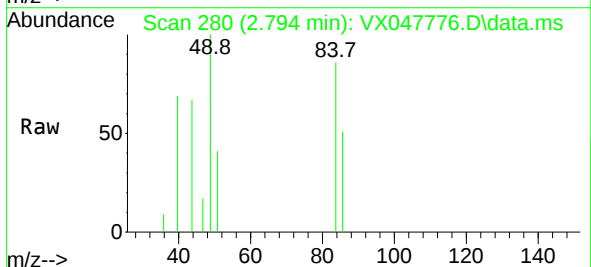
Instrument :
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ClientSampleId :
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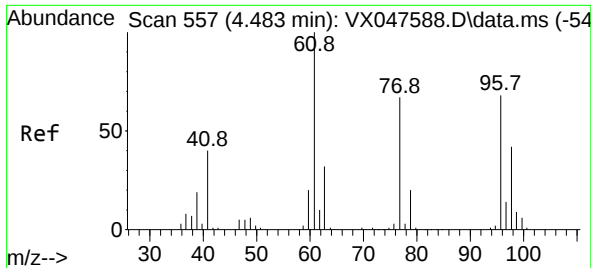
Tgt Ion: 96 Resp: 941
Ion Ratio Lower Upper
96 100
61 176.3 131.0 196.6
98 51.7 47.7 71.5



#20
Methylene Chloride
Concen: 0.647 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

Tgt Ion: 84 Resp: 1251
Ion Ratio Lower Upper
84 100
49 116.0 108.6 162.8
51 48.1 32.6 48.8
86 59.0 52.0 78.0

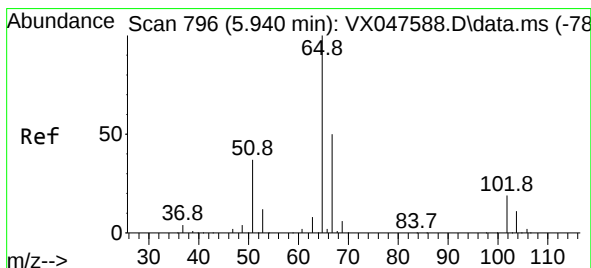
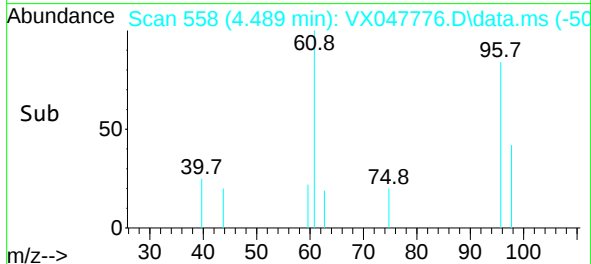
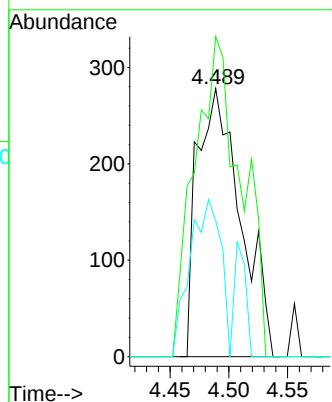
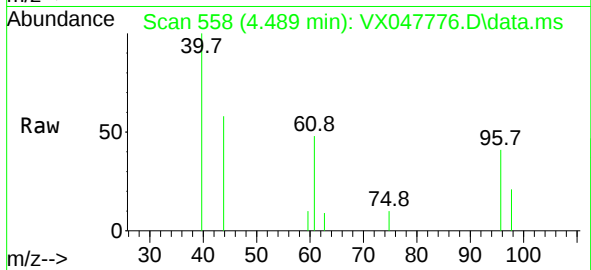




#27
 cis-1,2-Dichloroethene
 Concen: 0.346 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX047776.D
 Acq: 24 Sep 2025 15:23

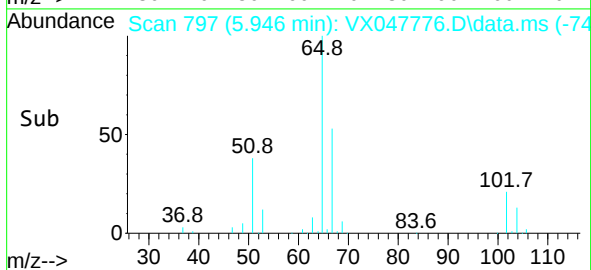
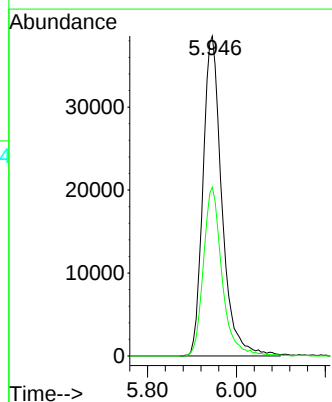
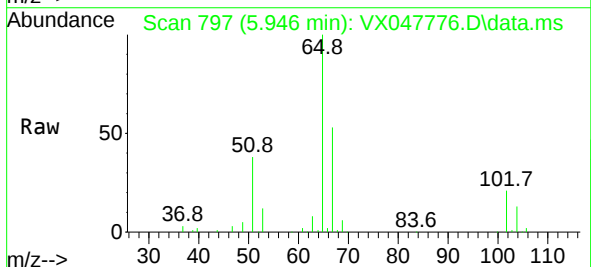
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20250912DL

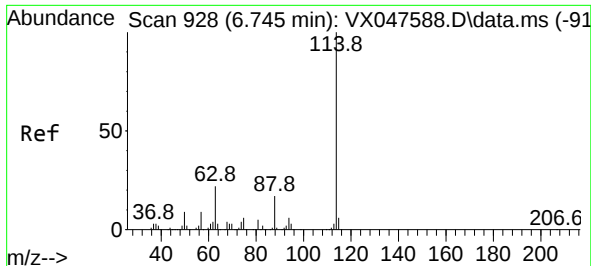
Tgt Ion: 96 Resp: 714
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 303.2
 98 41.9 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 54.305 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX047776.D
 Acq: 24 Sep 2025 15:23

Tgt Ion: 65 Resp: 114020
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0

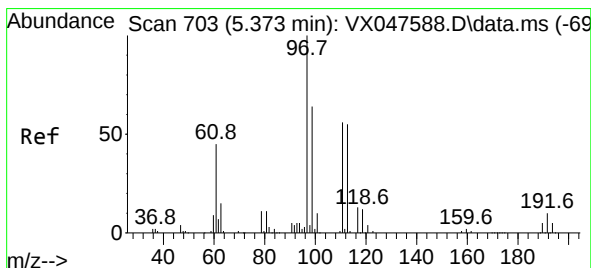
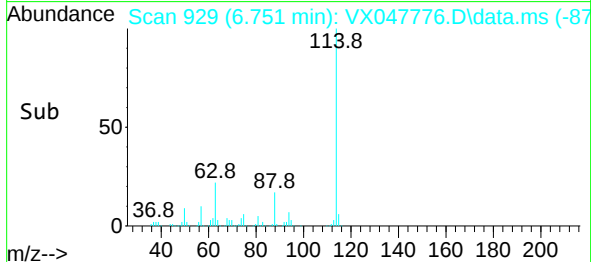
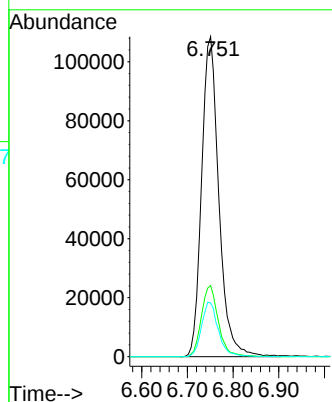
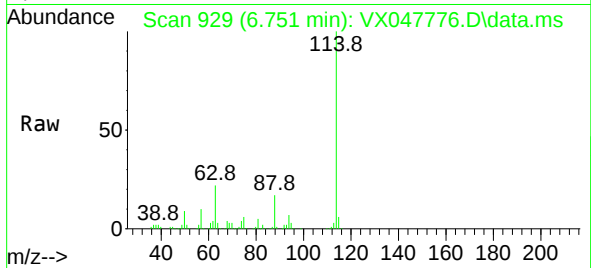




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

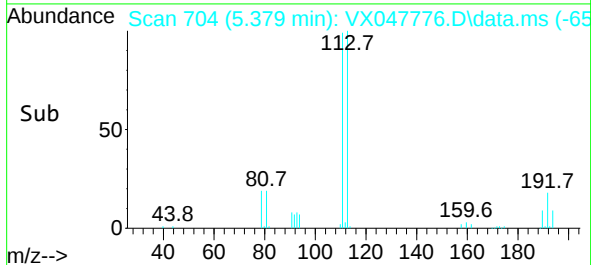
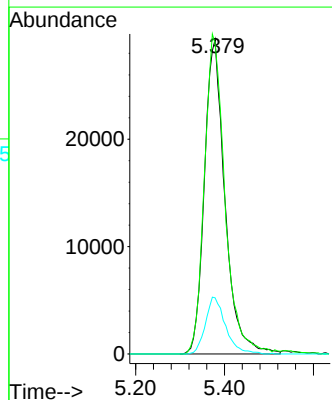
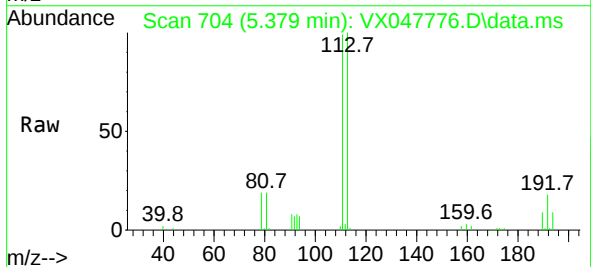
Instrument :
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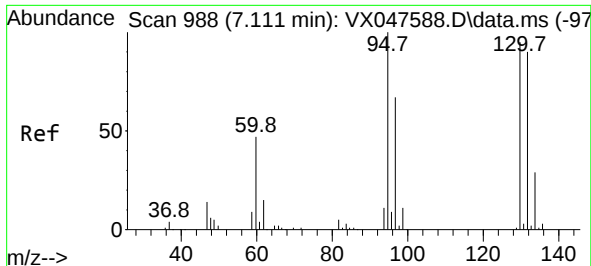
Tgt Ion:114 Resp: 284626
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 16.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.333 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

Tgt Ion:113 Resp: 94170
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.7 14.2 21.4

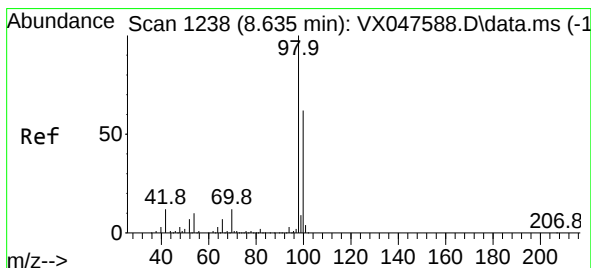
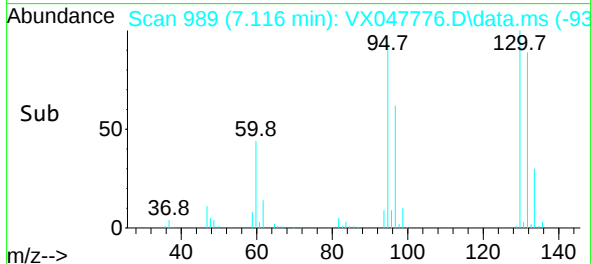
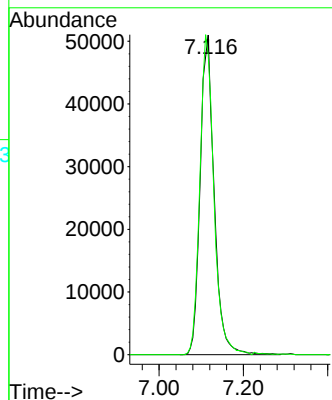
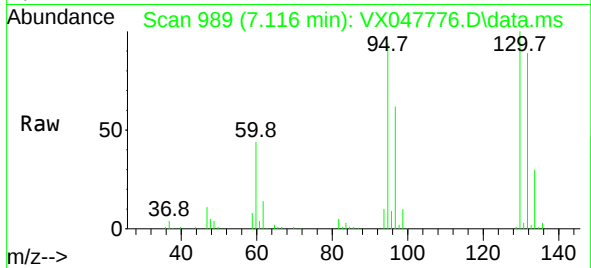




#44
Trichloroethene
Concen: 57.560 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

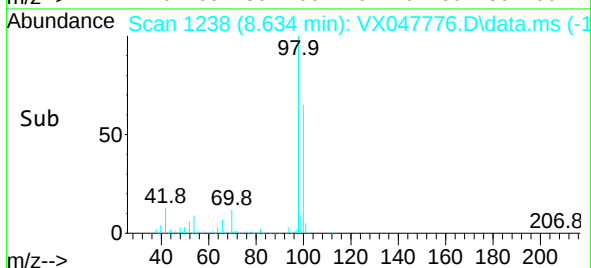
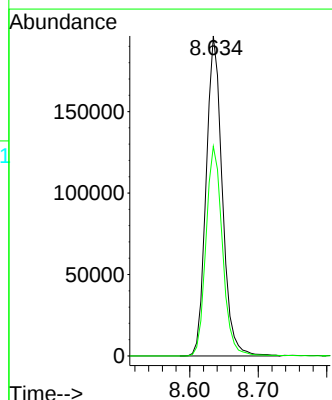
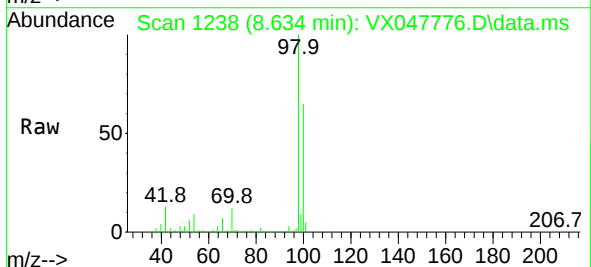
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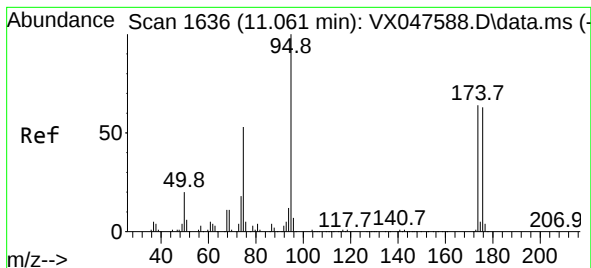
Tgt Ion:130 Resp: 117893
Ion Ratio Lower Upper
130 100
95 93.9 0.0 210.8



#50
Toluene-d8
Concen: 48.797 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

Tgt Ion: 98 Resp: 322305
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

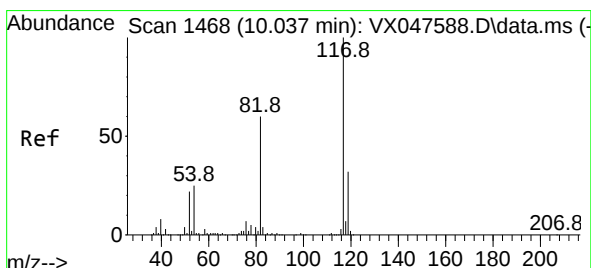
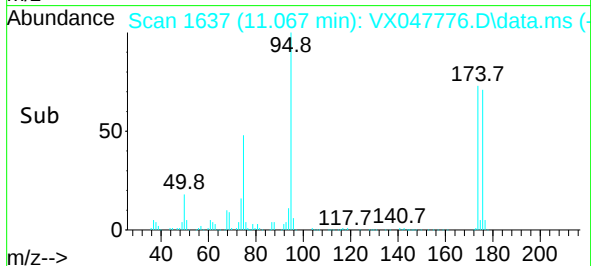
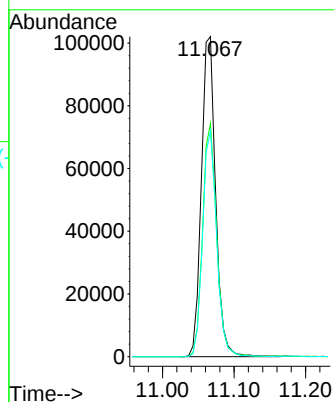
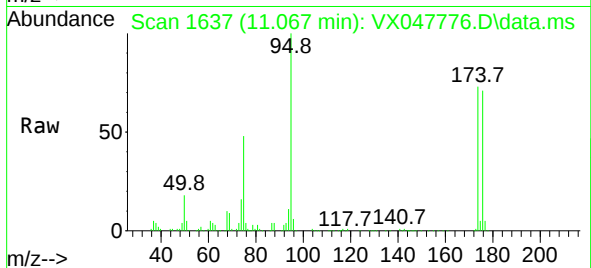




#62
4-Bromofluorobenzene
Concen: 56.373 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

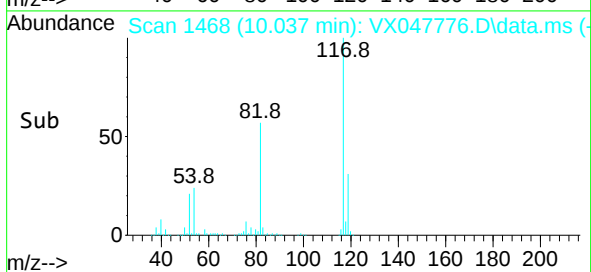
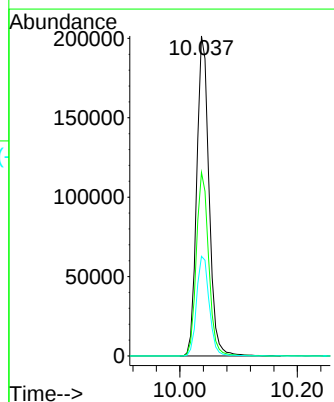
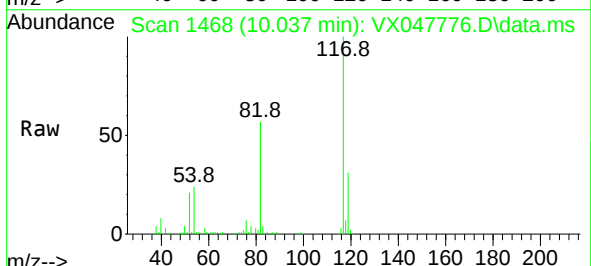
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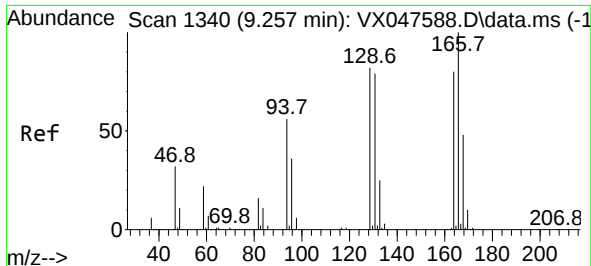
Tgt Ion: 95 Resp: 141312
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

Tgt Ion: 117 Resp: 292272
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 31.1 25.2 37.8



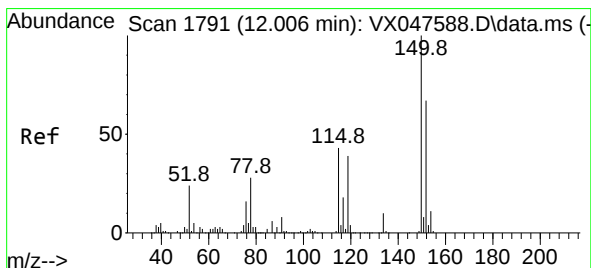
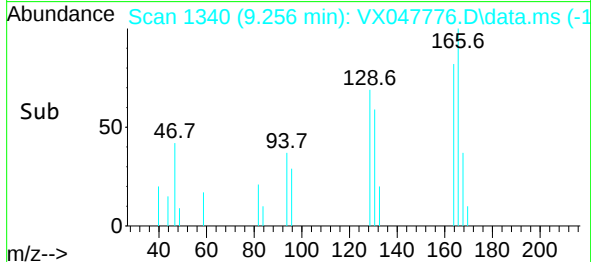
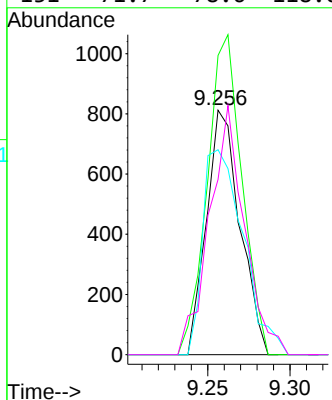
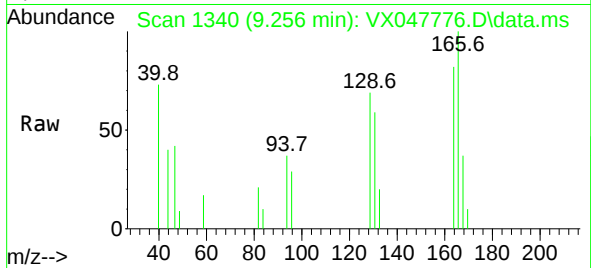


#64
Tetrachloroethene
Concen: 0.604 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

Instrument :
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Tgt Ion:164 Resp: 1150

Ion	Ratio	Lower	Upper
164	100		
166	122.4	100.2	150.2
129	83.9	81.8	122.6
131	71.7	78.6	118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047776.D
Acq: 24 Sep 2025 15:23

Tgt Ion:152 Resp: 149875

Ion	Ratio	Lower	Upper
152	100		
115	63.0	44.9	134.5
150	158.0	0.0	352.0

