

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047852.D
 Acq On : 26 Sep 2025 13:01
 Operator : JC/MD
 Sample : Q3127-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20250915DL

Quant Time: Sep 26 23:12:54 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)

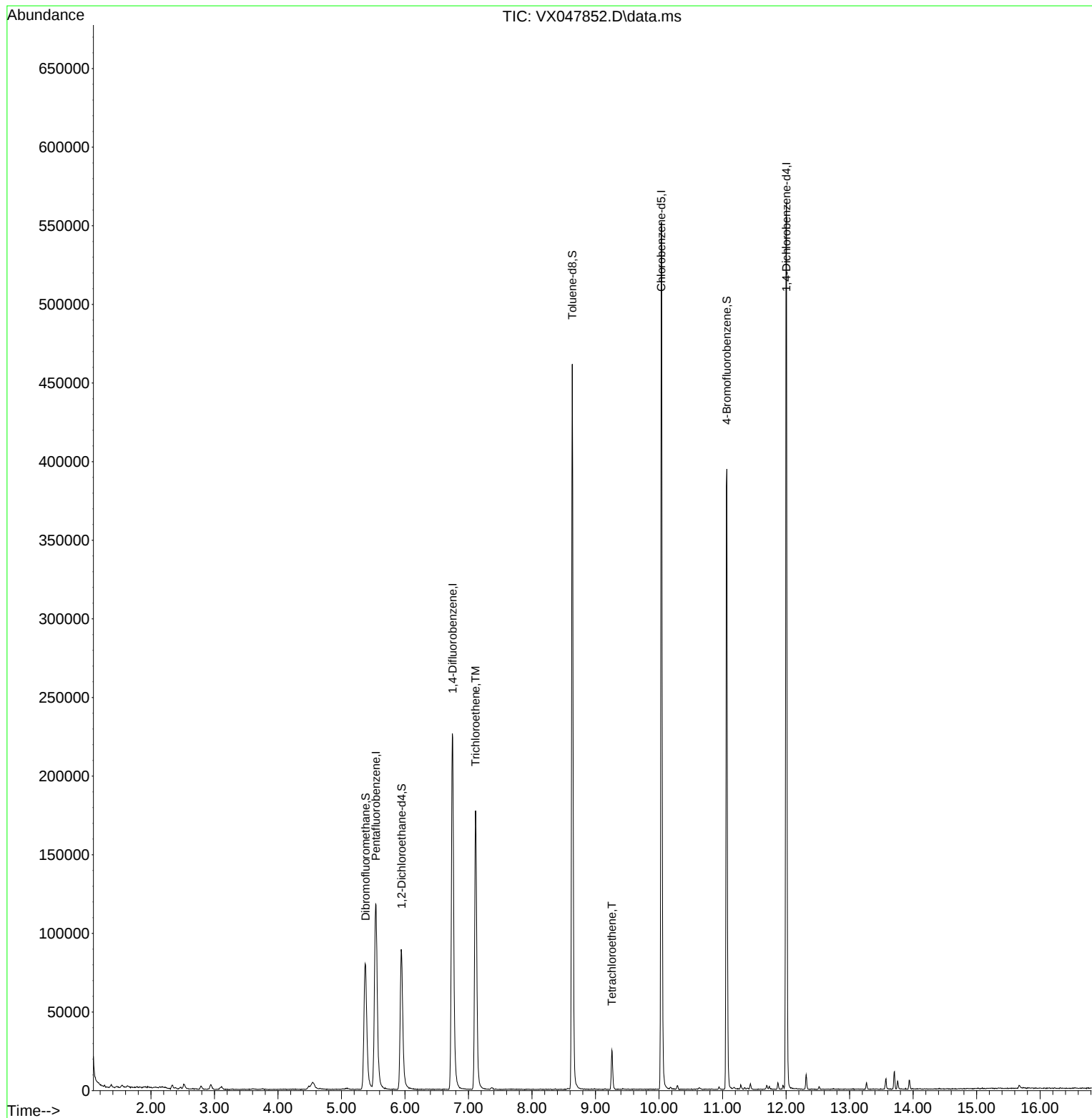
Internal Standards						
1) Pentafluorobenzene	5.544	168	121604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	248889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	250346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94625	48.886	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.780%
35) Dibromofluoromethane	5.379	113	80258	48.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.635	98	279266	48.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.067	95	113991	52.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.000%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.110	130	74439	41.563	ug/l	95
64) Tetrachloroethene	9.256	164	4832	2.961	ug/l	92

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

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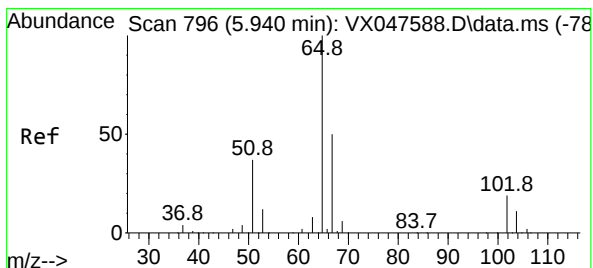
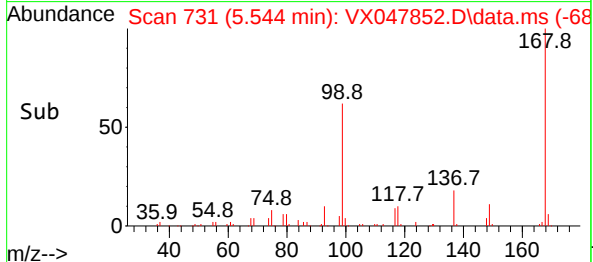
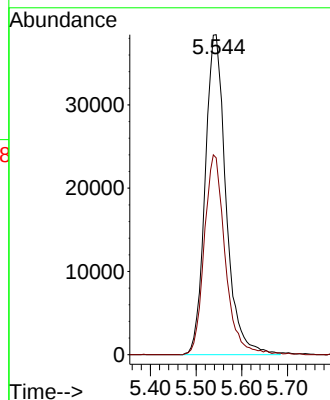
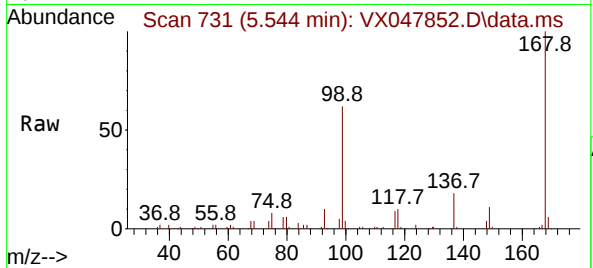




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

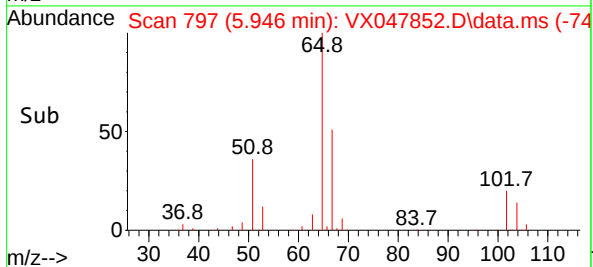
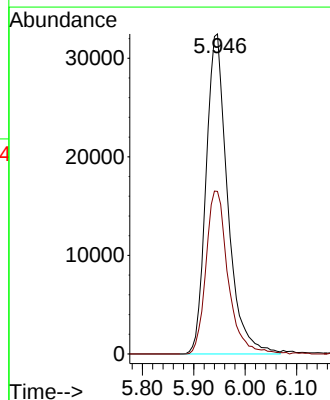
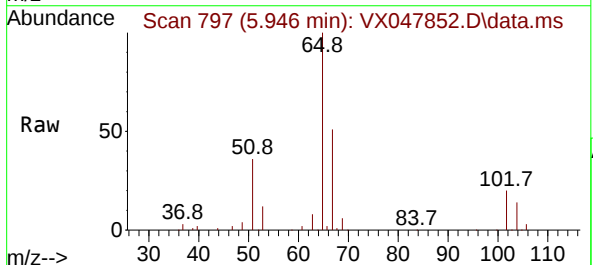
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250915DL

Tgt Ion:168 Resp: 121604
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 48.886 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

Tgt Ion: 65 Resp: 94625
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

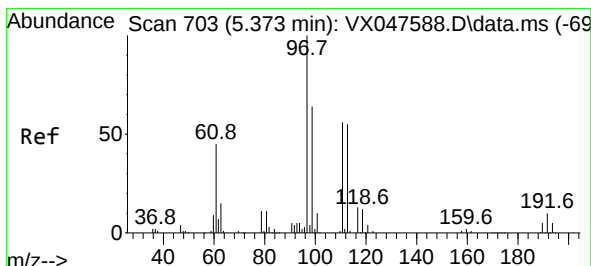
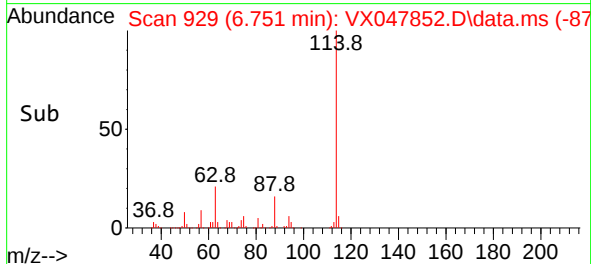
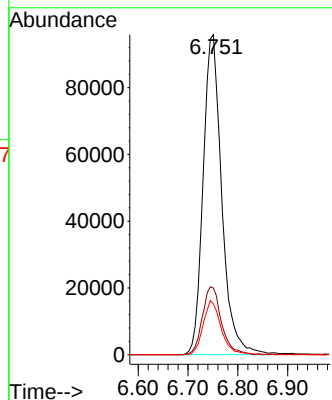
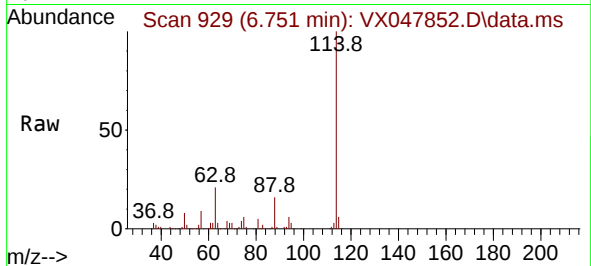




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

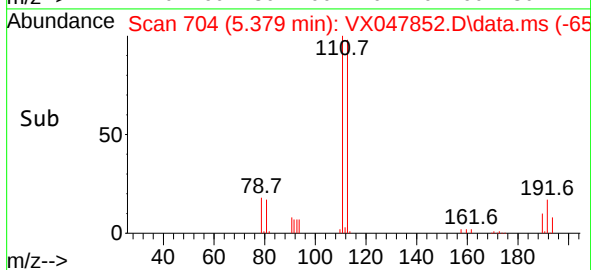
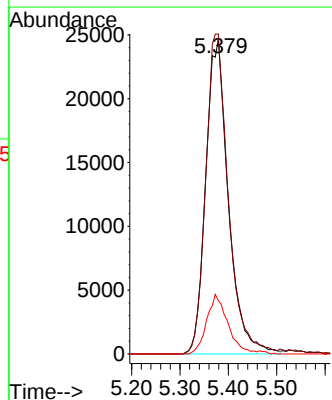
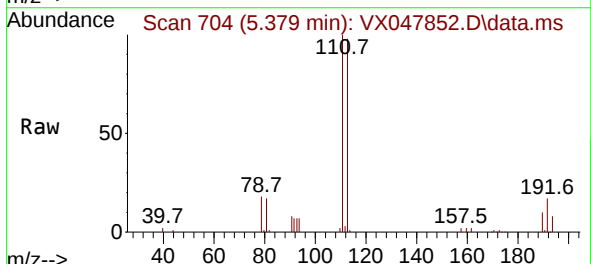
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250915DL

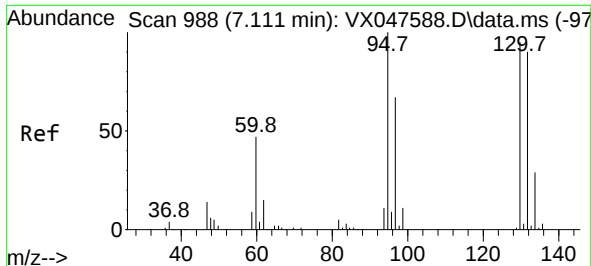
Tgt Ion:114 Resp: 248889
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.082 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

Tgt Ion:113 Resp: 80258
Ion Ratio Lower Upper
113 100
111 101.5 80.9 121.3
192 17.6 14.2 21.4

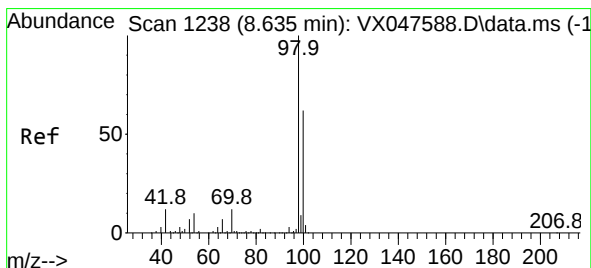
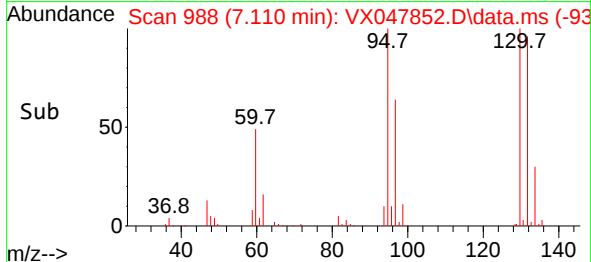
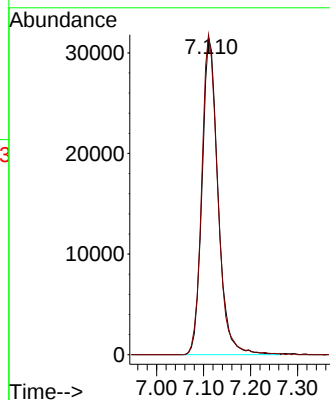
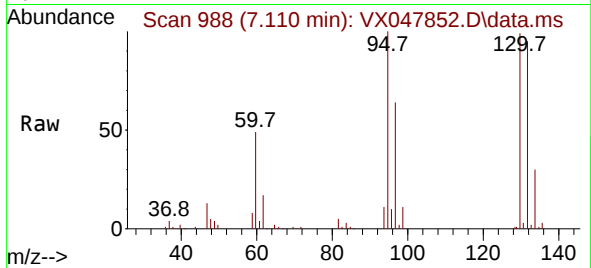




#44
Trichloroethene
Concen: 41.563 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

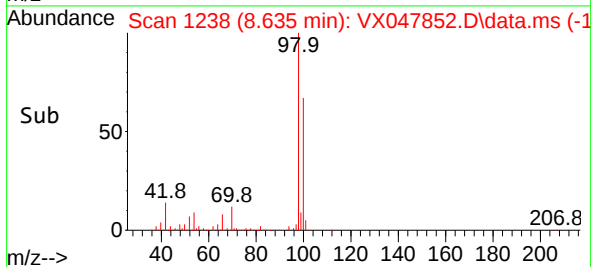
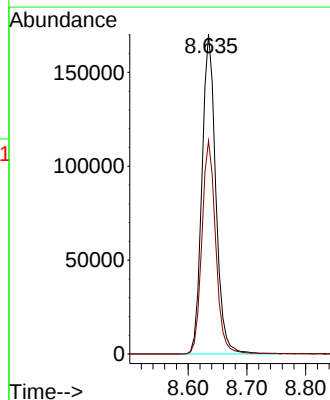
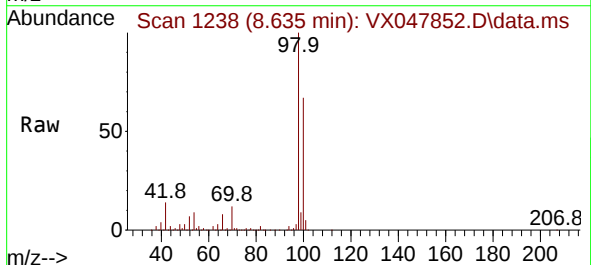
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250915DL

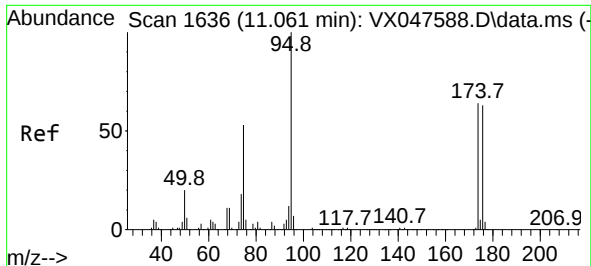
Tgt Ion:130 Resp: 74439
Ion Ratio Lower Upper
130 100
95 100.7 0.0 210.8



#50
Toluene-d8
Concen: 48.352 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

Tgt Ion: 98 Resp: 279266
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

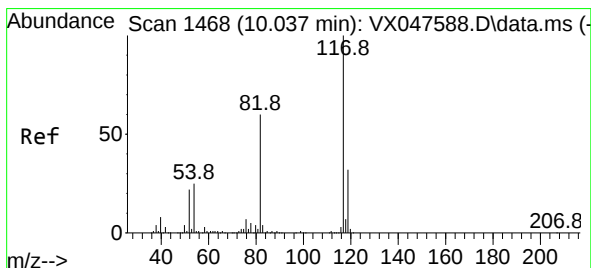
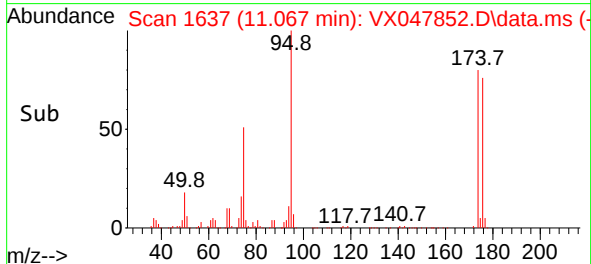
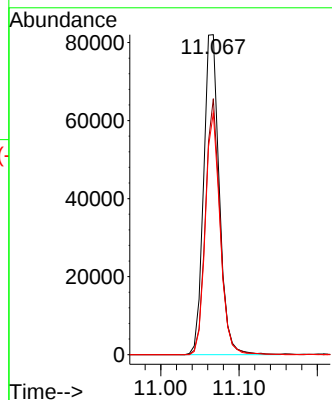
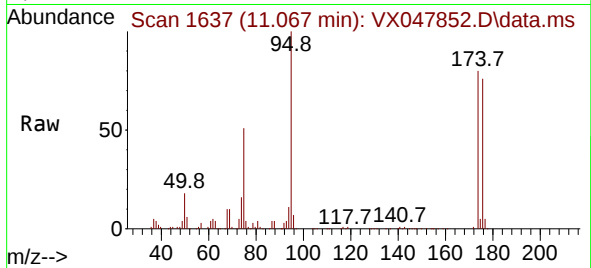




#62
4-Bromofluorobenzene
Concen: 52.003 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

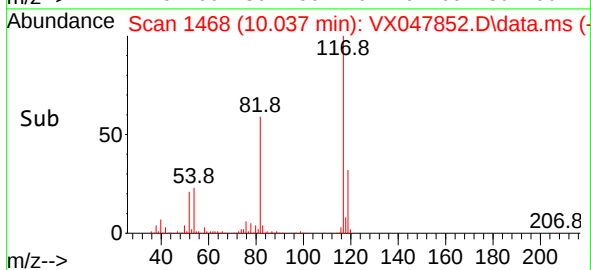
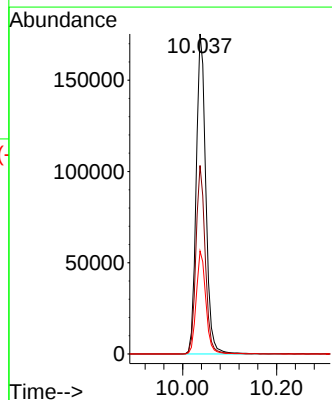
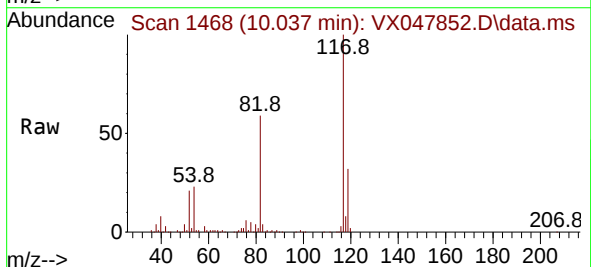
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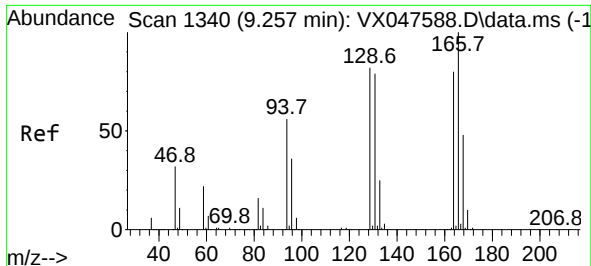
Tgt Ion: 95 Resp: 113991
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.6
176 71.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

Tgt Ion: 117 Resp: 250346
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 32.2 25.2 37.8

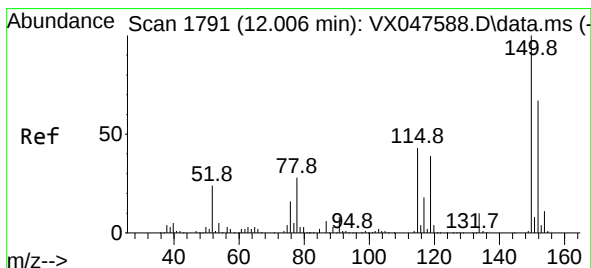
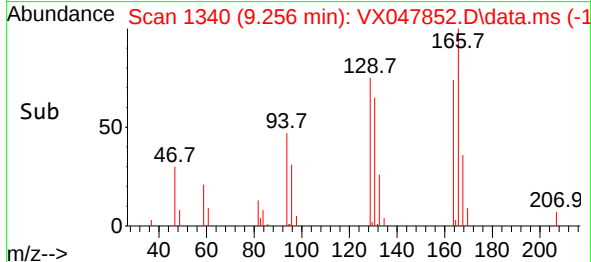
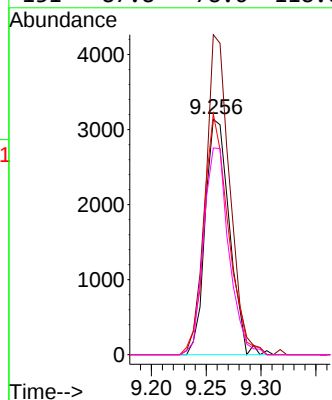
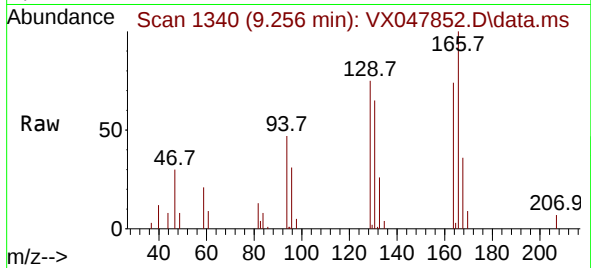




#64
Tetrachloroethene
Concen: 2.961 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047852.D
Acq: 26 Sep 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	4832	
Ion	Ratio	Lower	Upper
164	100		
166	135.9	100.2	150.2
129	104.9	81.8	122.6
131	87.8	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: VX047852.D
Acq: 26 Sep 2025 13:01

Tgt Ion:152	Resp:	121706	
Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.9	134.5
150	158.4	0.0	352.0

