

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047832.D
 Acq On : 26 Sep 2025 04:34
 Operator : JC/MD
 Sample : Q3156-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20250918

Quant Time: Sep 26 06:54:51 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)

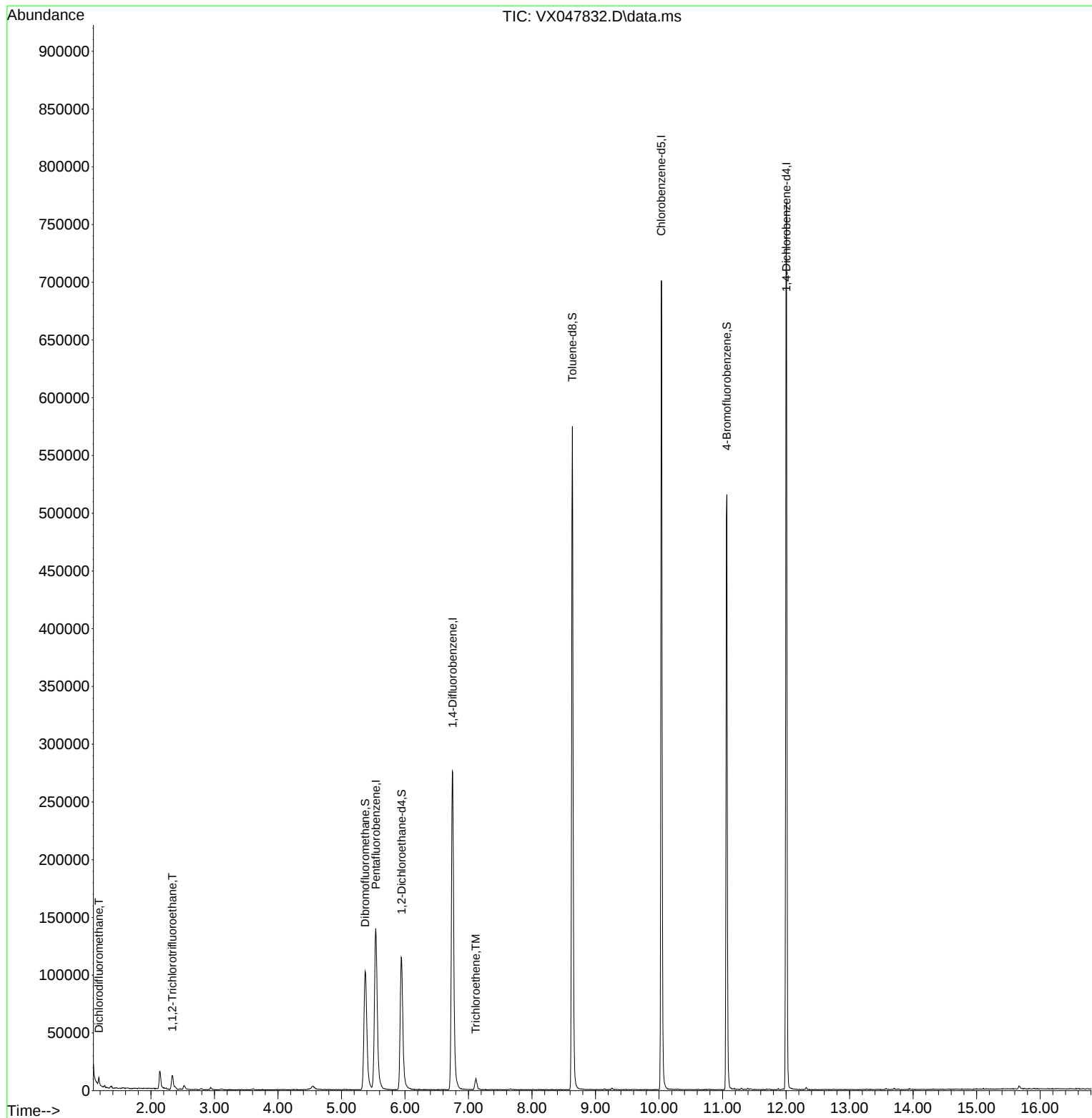
Internal Standards						
1) Pentafluorobenzene	5.544	168	140617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	306014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	316716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	157952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	125680	56.151	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.300%
35) Dibromofluoromethane	5.373	113	102354	49.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	8.634	98	352564	49.647	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.067	95	149703	55.547	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	2135	1.466	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	5682	3.494	ug/l	98
44) Trichloroethene	7.116	130	4335	1.969	ug/l	96

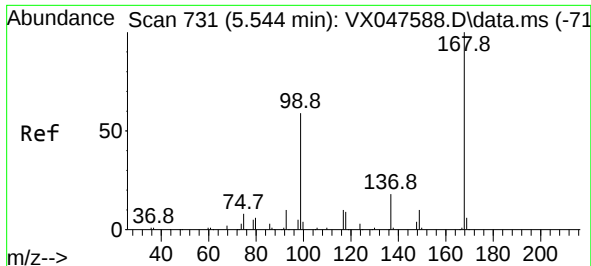
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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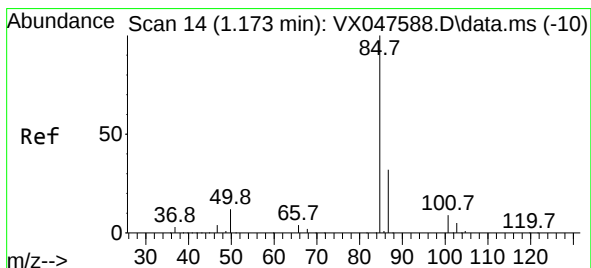
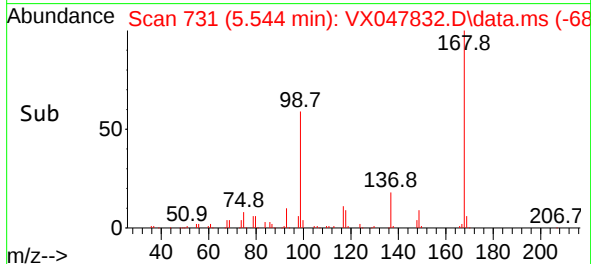
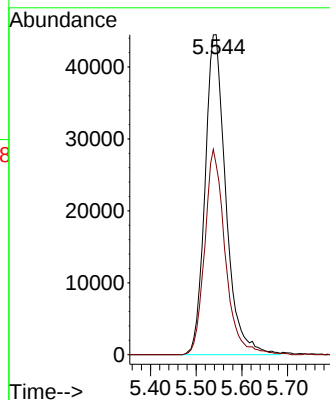
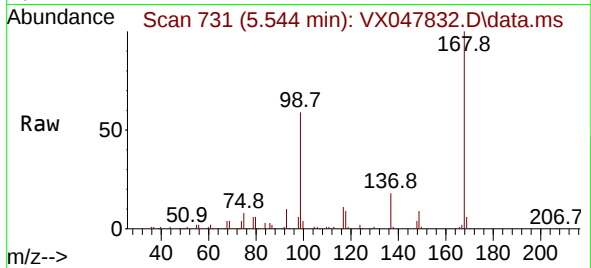




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047832.D
Acq: 26 Sep 2025 04:34

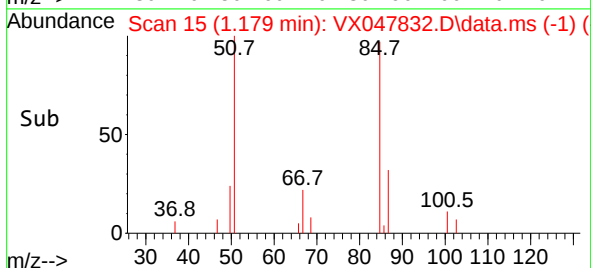
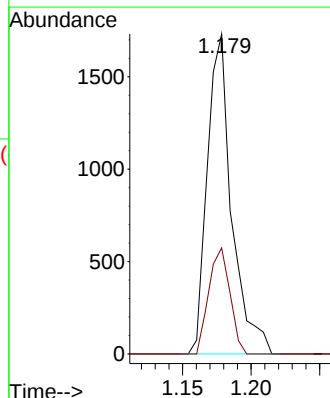
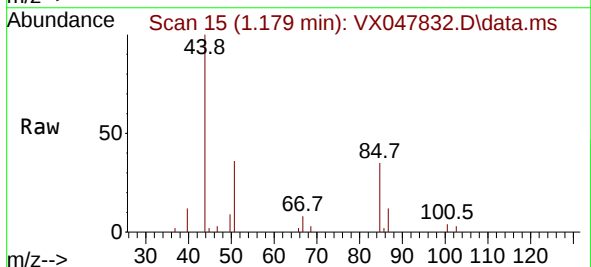
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20250918

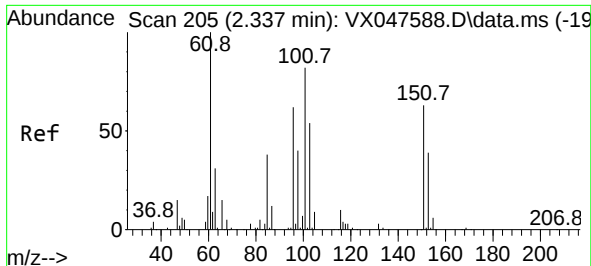
Tgt Ion:168 Resp: 140617
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 1.466 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047832.D
Acq: 26 Sep 2025 04:34

Tgt Ion: 85 Resp: 2135
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.3

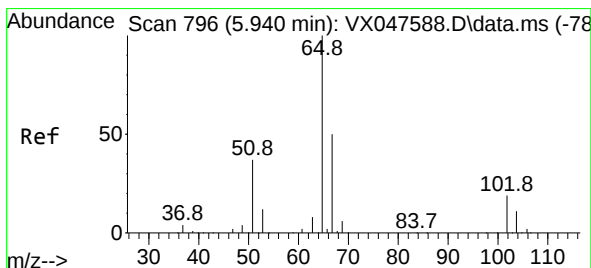
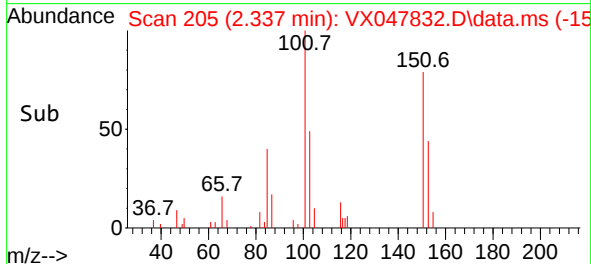
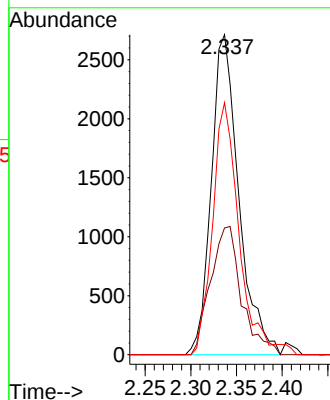
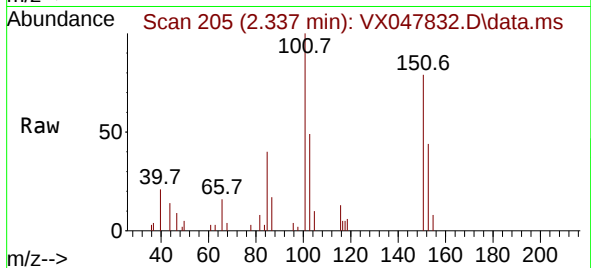




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.494 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047832.D
Acq: 26 Sep 2025 04:34

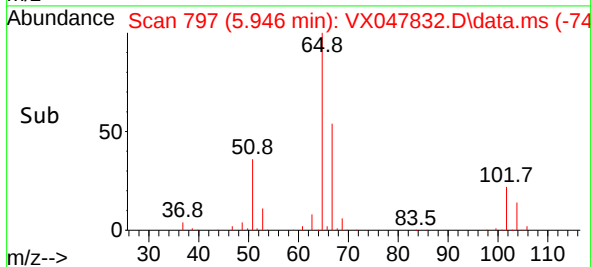
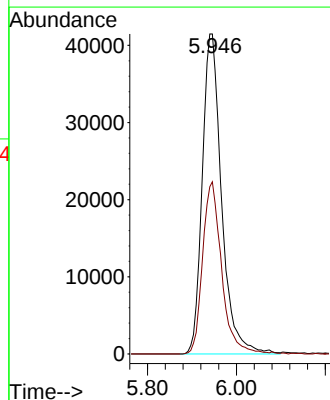
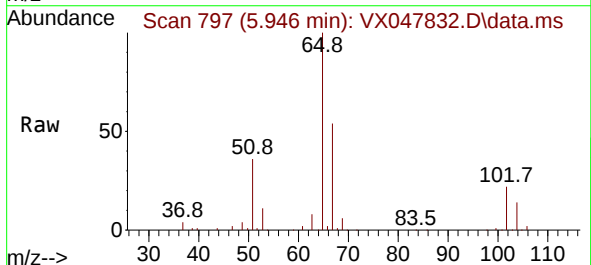
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20250918

Tgt Ion:101 Resp: 5682
Ion Ratio Lower Upper
101 100
85 45.2 35.5 53.3
151 76.2 59.4 89.0



#33
1,2-Dichloroethane-d4
Concen: 56.151 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047832.D
Acq: 26 Sep 2025 04:34

Tgt Ion: 65 Resp: 125680
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

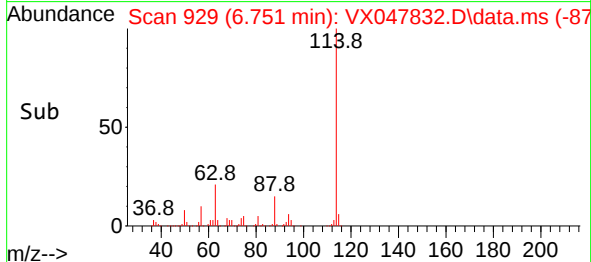
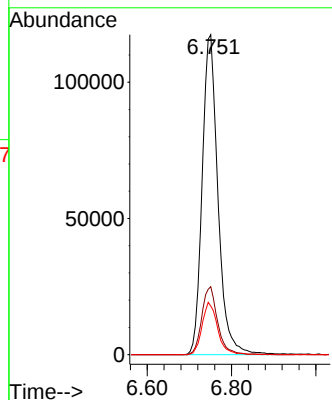
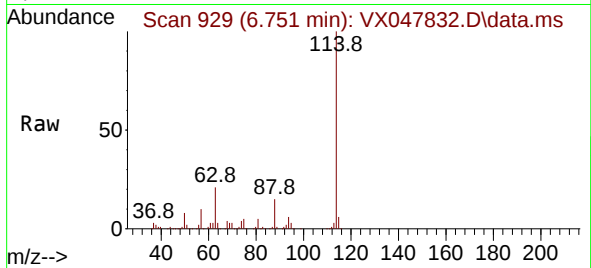




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047832.D
Acq: 26 Sep 2025 04:34

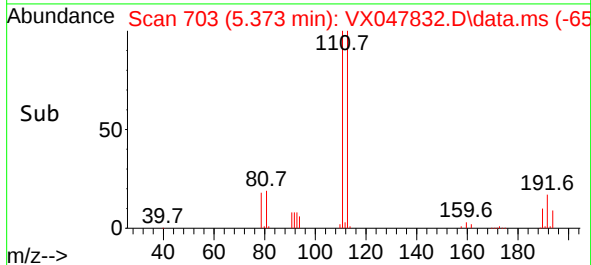
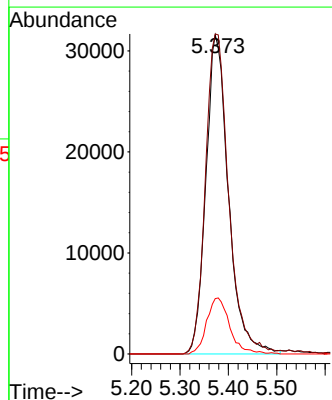
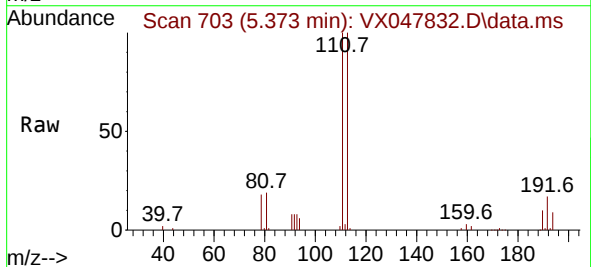
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20250918

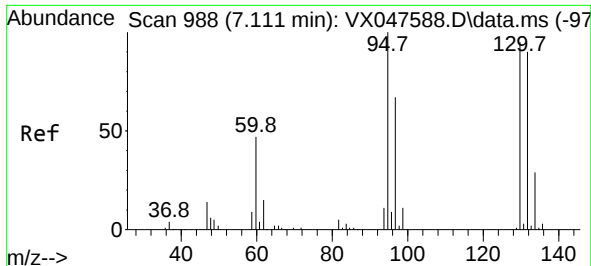
Tgt Ion:114 Resp: 306014
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 15.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.873 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047832.D
Acq: 26 Sep 2025 04:34

Tgt Ion:113 Resp: 102354
Ion Ratio Lower Upper
113 100
111 103.7 80.9 121.3
192 17.9 14.2 21.4

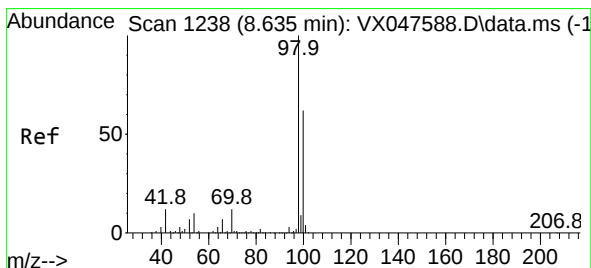
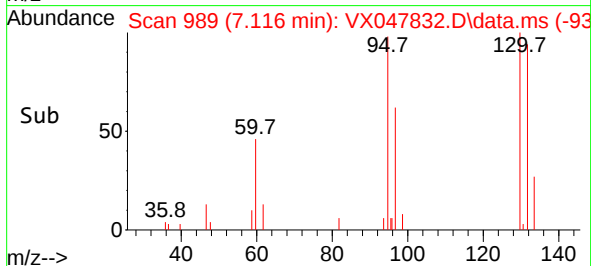
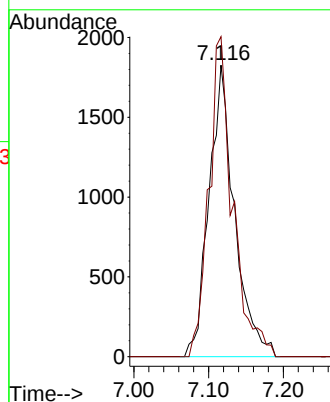
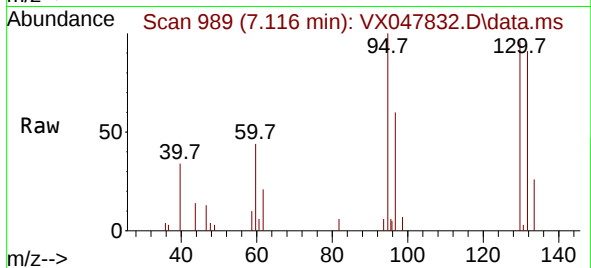




#44
 Trichloroethene
 Concen: 1.969 ug/l
 RT: 7.116 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX047832.D
 Acq: 26 Sep 2025 04:34

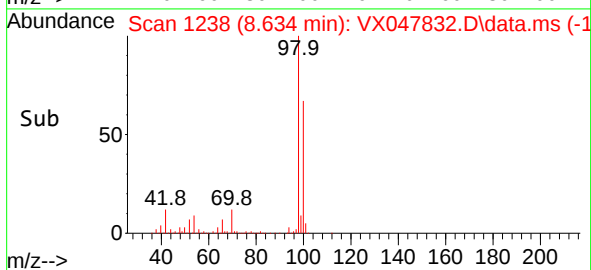
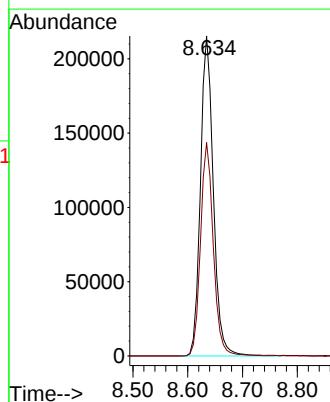
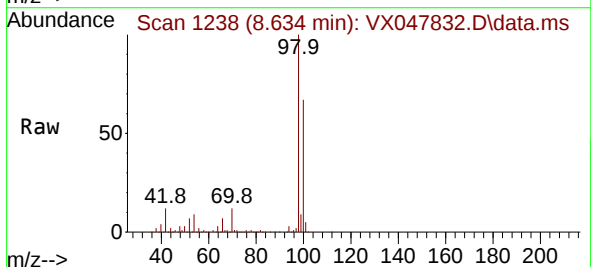
Instrument :
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 RE132D2-20250918

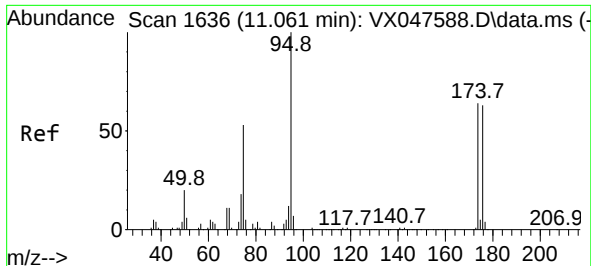
Tgt Ion:130 Resp: 4335
 Ion Ratio Lower Upper
 130 100
 95 109.7 0.0 210.8



#50
 Toluene-d8
 Concen: 49.647 ug/l
 RT: 8.634 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX047832.D
 Acq: 26 Sep 2025 04:34

Tgt Ion: 98 Resp: 352564
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.0 79.4

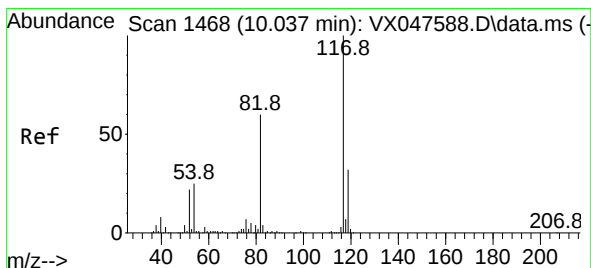
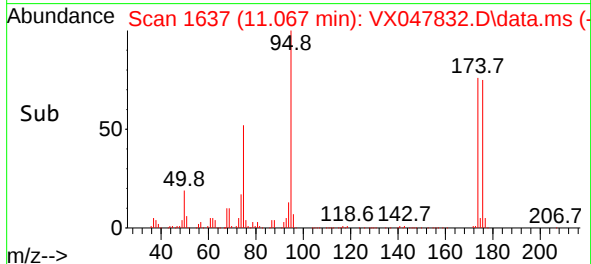
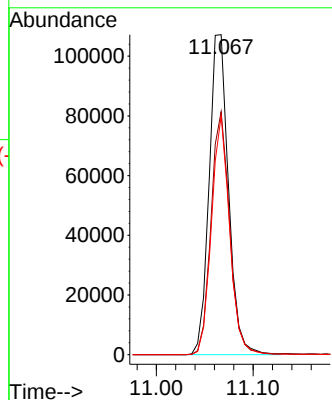
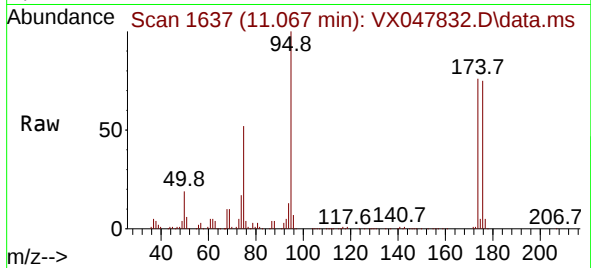




#62
4-Bromofluorobenzene
Concen: 55.547 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047832.D
Acq: 26 Sep 2025 04:34

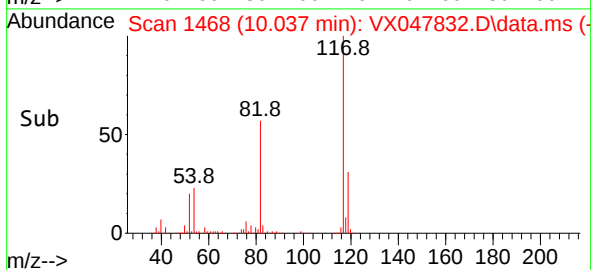
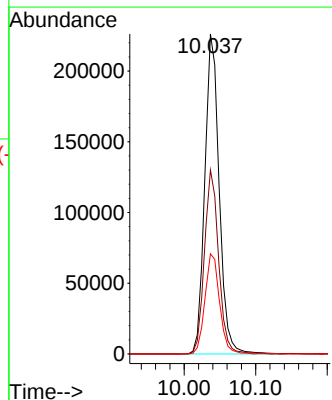
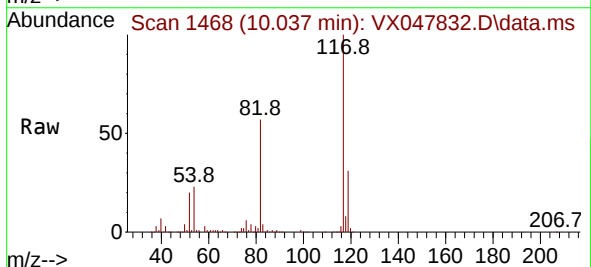
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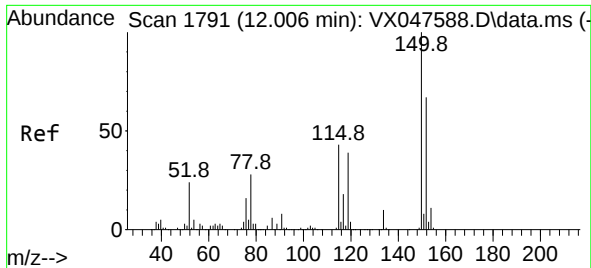
Tgt Ion: 95 Resp: 149703
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 69.8 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047832.D
Acq: 26 Sep 2025 04:34

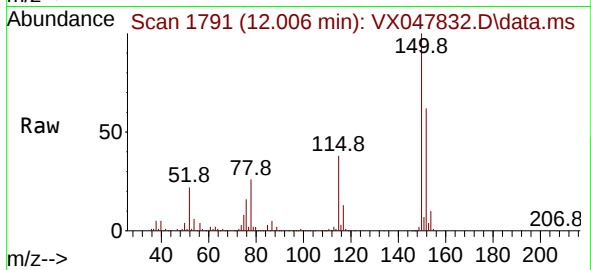
Tgt Ion: 117 Resp: 316716
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 31.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047832.D
 Acq: 26 Sep 2025 04:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20250918



Tgt Ion:152 Resp: 157952
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 158.8 0.0 352.0

