

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047294.D
 Acq On : 12 Aug 2025 14:13
 Operator : JC/MD
 Sample : Q2814-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-82H-N

Quant Time: Aug 13 01:21:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

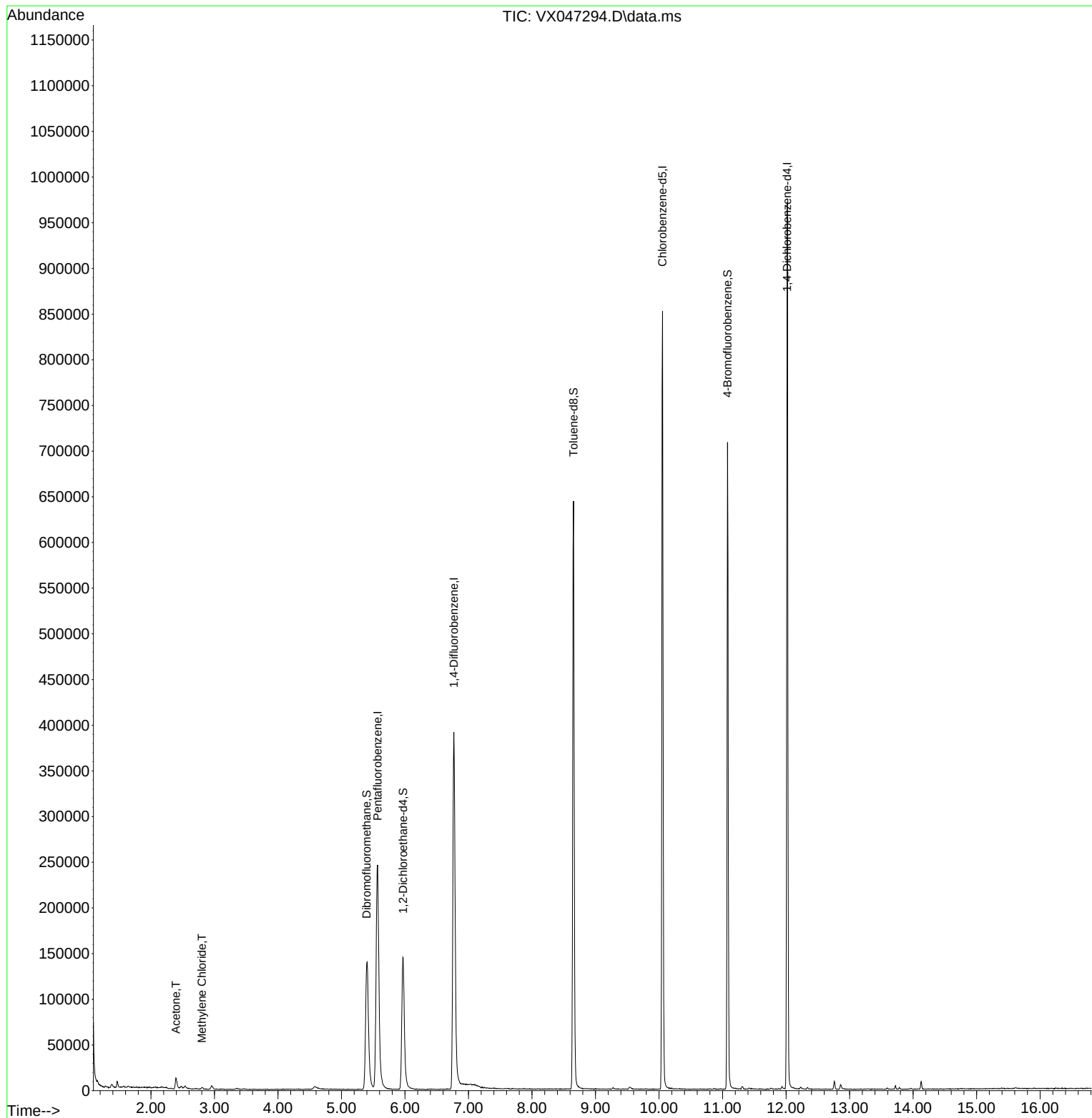
Internal Standards						
1) Pentafluorobenzene	5.568	168	248664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	420068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	379296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	155083	50.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.140%	
35) Dibromofluoromethane	5.397	113	136376	52.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.160%	
50) Toluene-d8	8.653	98	386600	46.027	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.060%	
62) 4-Bromofluorobenzene	11.079	95	186460	51.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	15400	12.410	ug/l	95
20) Methylene Chloride	2.800	84	1069	0.313	ug/l #	81

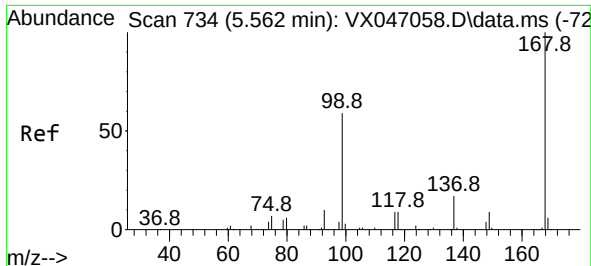
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
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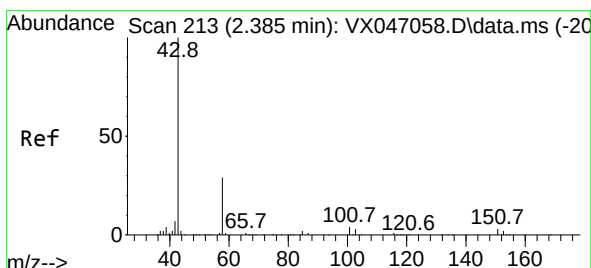
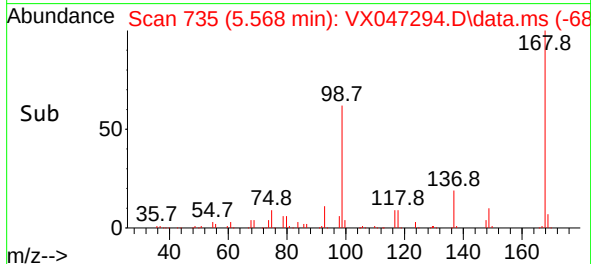
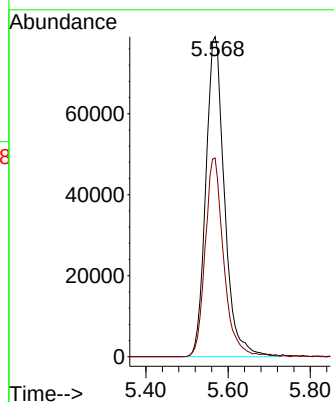
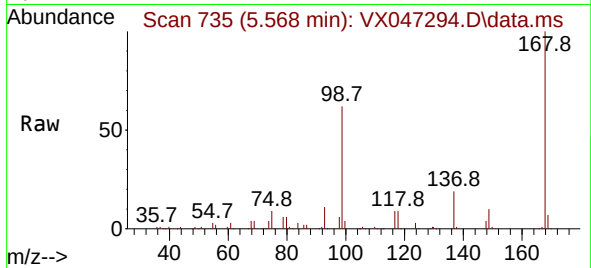




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047294.D
Acq: 12 Aug 2025 14:13

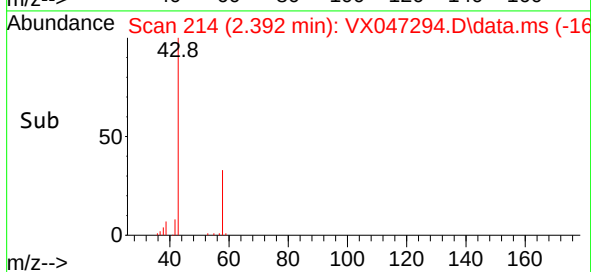
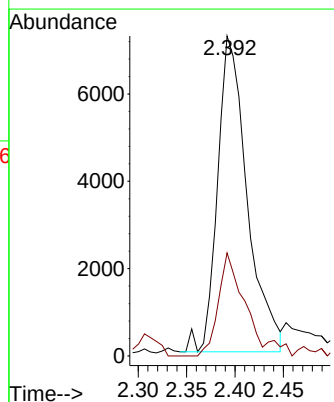
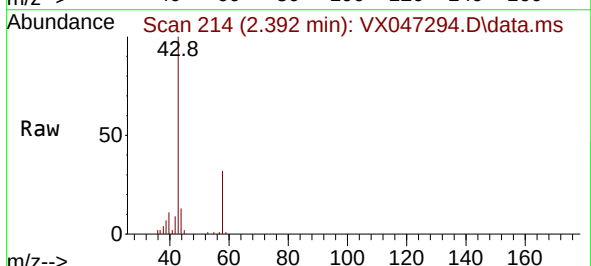
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-N

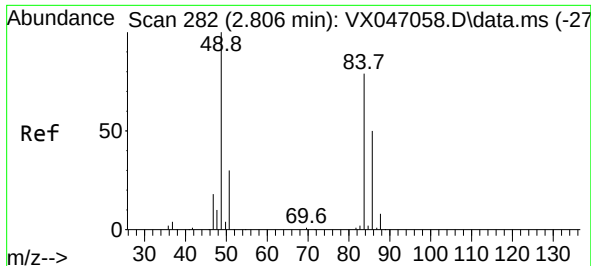
Tgt Ion:168 Resp: 248664
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0



#16
Acetone
Concen: 12.410 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047294.D
Acq: 12 Aug 2025 14:13

Tgt Ion: 43 Resp: 15400
Ion Ratio Lower Upper
43 100
58 32.6 24.0 36.0

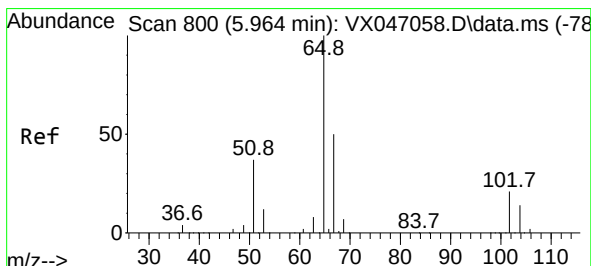
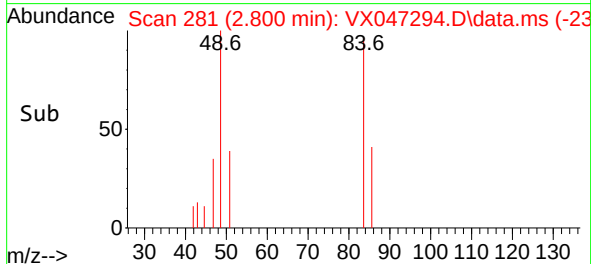
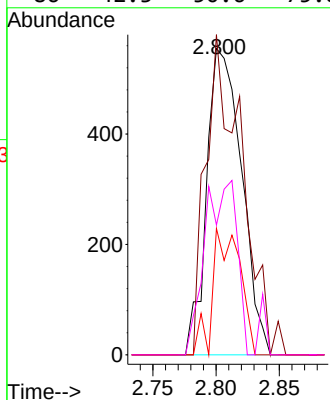
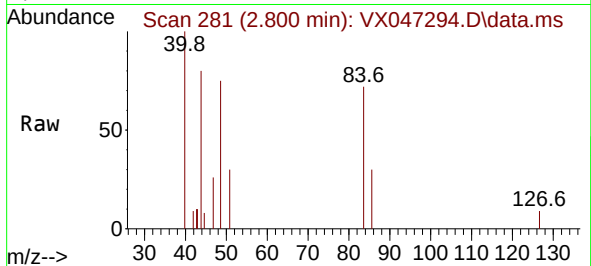




#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047294.D
Acq: 12 Aug 2025 14:13

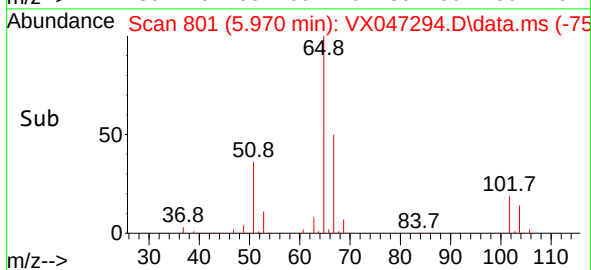
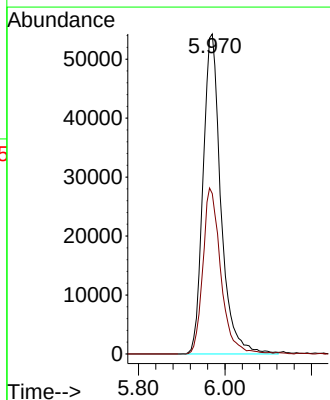
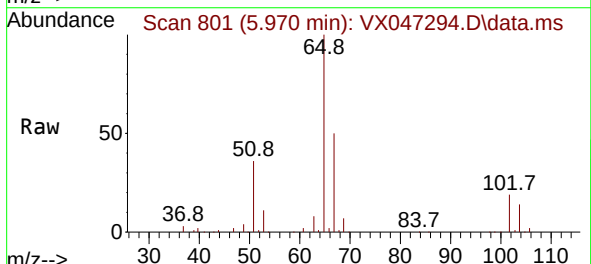
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-N

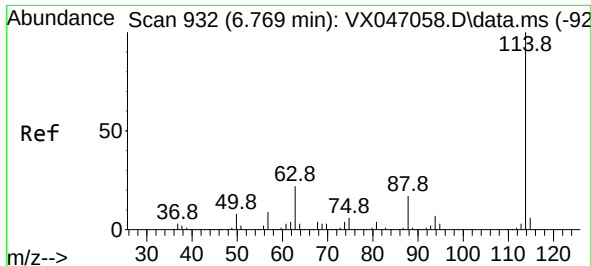
Tgt Ion: 84 Resp: 1069
Ion Ratio Lower Upper
84 100
49 104.5 101.6 152.4
51 41.3 30.3 45.5
86 42.3 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 50.066 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047294.D
Acq: 12 Aug 2025 14:13

Tgt Ion: 65 Resp: 155083
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

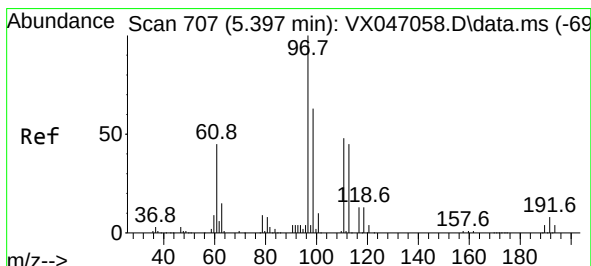
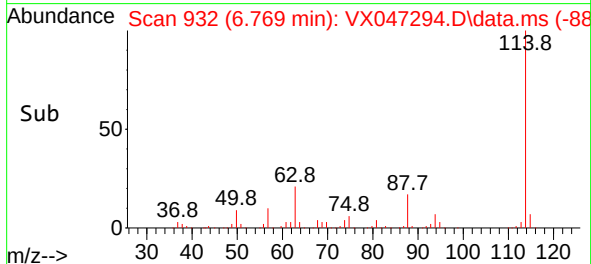
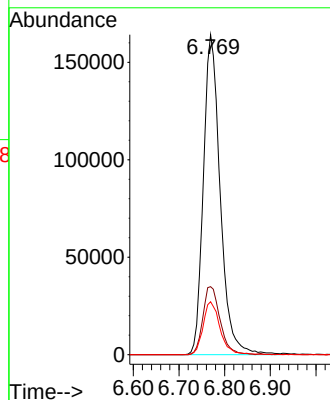
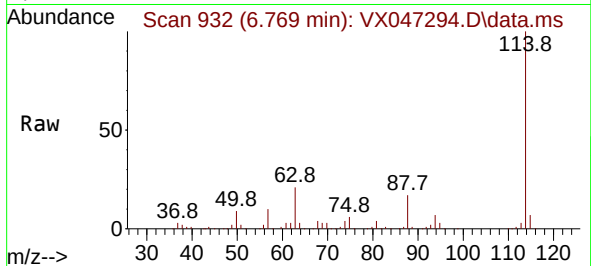




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047294.D
 Acq: 12 Aug 2025 14:13

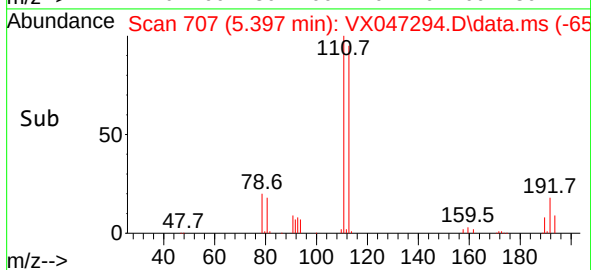
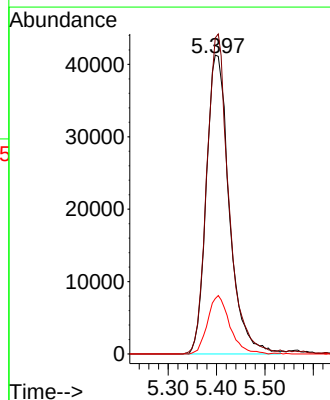
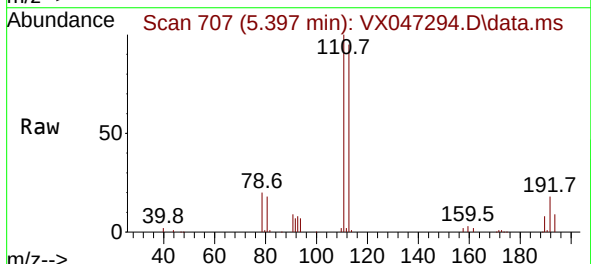
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-82H-N

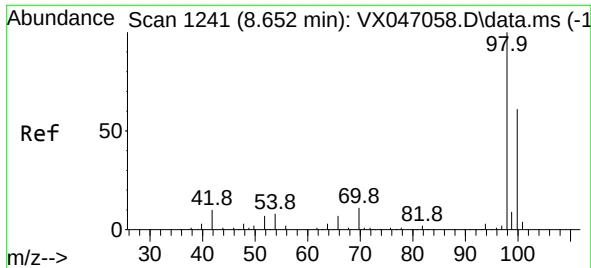
Tgt Ion:114 Resp: 420068
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.5 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 52.581 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047294.D
 Acq: 12 Aug 2025 14:13

Tgt Ion:113 Resp: 136376
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 18.9 14.9 22.3

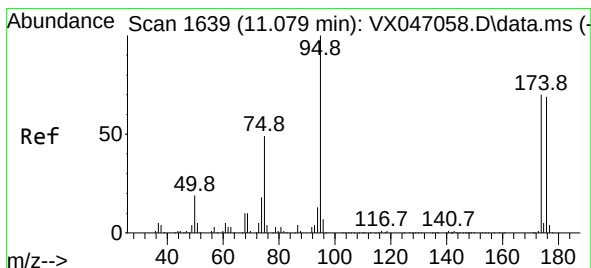
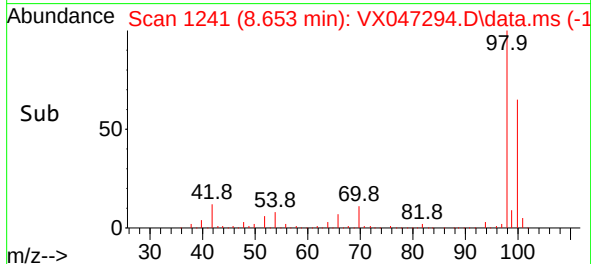
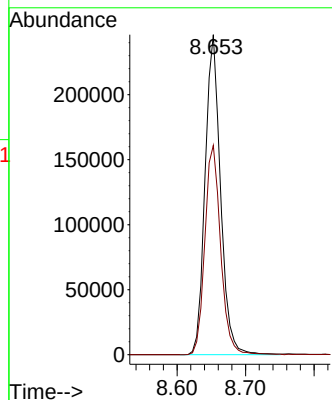
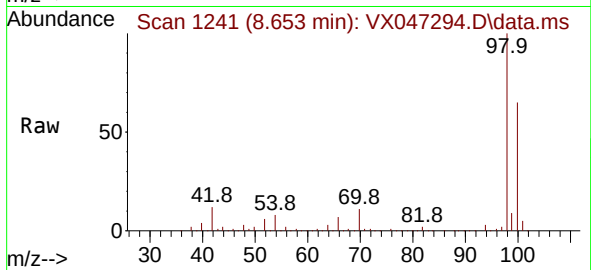




#50
Toluene-d8
Concen: 46.027 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047294.D
Acq: 12 Aug 2025 14:13

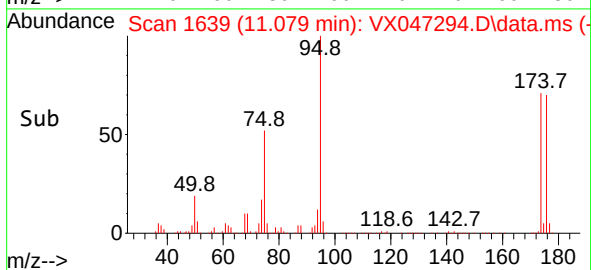
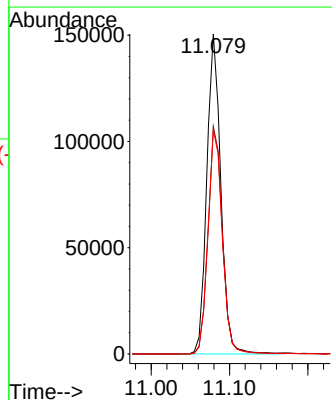
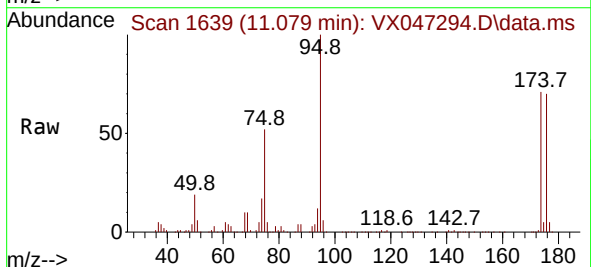
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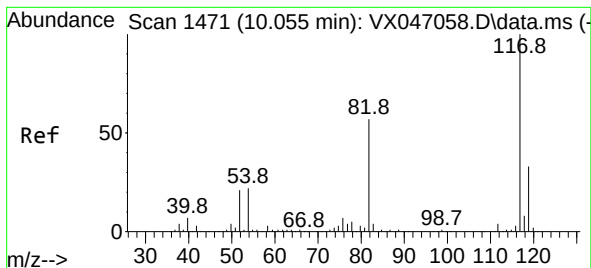
Tgt Ion: 98 Resp: 386600
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047294.D
Acq: 12 Aug 2025 14:13

Tgt Ion: 95 Resp: 186460
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 72.0 0.0 139.6

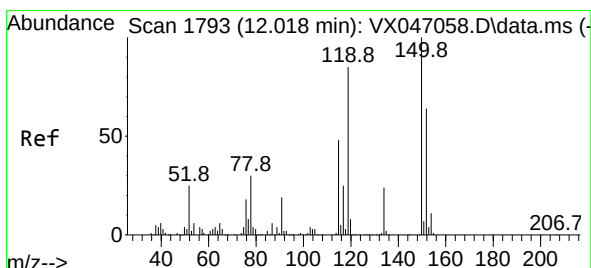
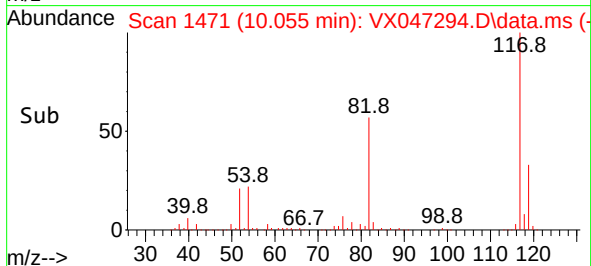
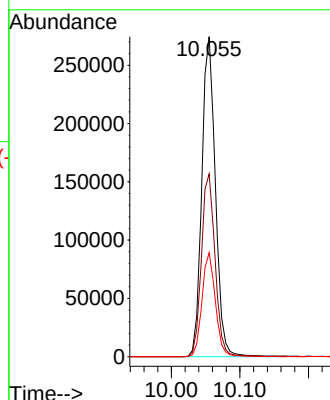
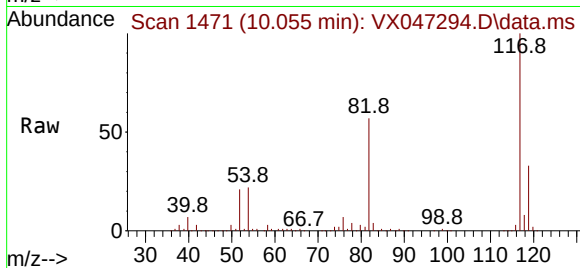




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047294.D
Acq: 12 Aug 2025 14:13

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-N

Tgt Ion:117 Resp: 379296
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047294.D
Acq: 12 Aug 2025 14:13

Tgt Ion:152 Resp: 196916
Ion Ratio Lower Upper
152 100
115 62.2 45.6 136.7
150 157.3 0.0 354.6

