

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047296.D
 Acq On : 12 Aug 2025 14:56
 Operator : JC/MD
 Sample : Q2814-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-82H-S

Quant Time: Aug 13 01:22:09 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)

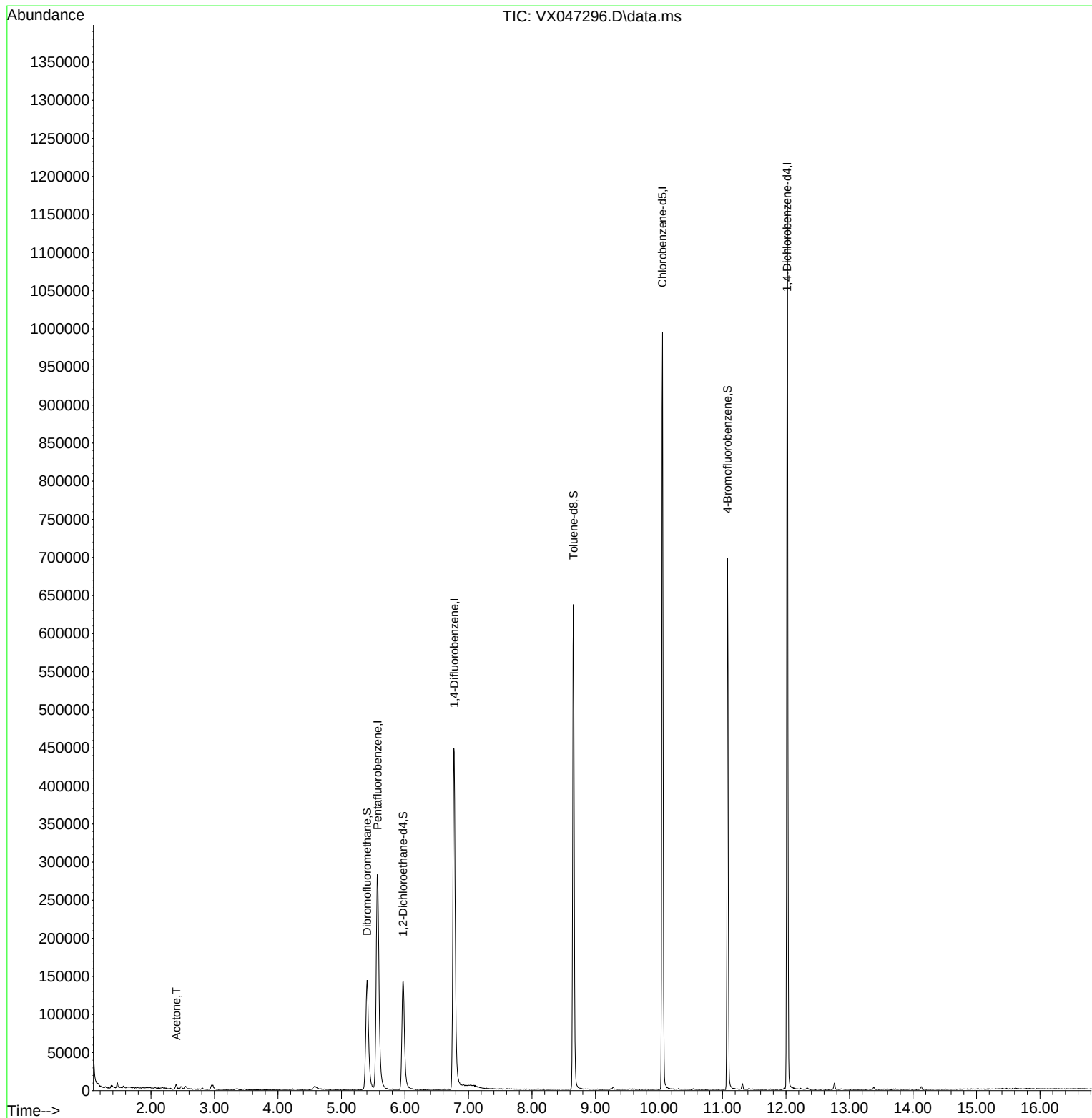
Internal Standards						
1) Pentafluorobenzene	5.568	168	288206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	492096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	154815	43.122	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.240%
35) Dibromofluoromethane	5.404	113	137943	45.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.800%
50) Toluene-d8	8.653	98	388585	39.492	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	78.980%#
62) 4-Bromofluorobenzene	11.079	95	187601	44.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.480%
Target Compounds						
16) Acetone	2.398	43	8650	6.014	ug/l	Qvalue 97

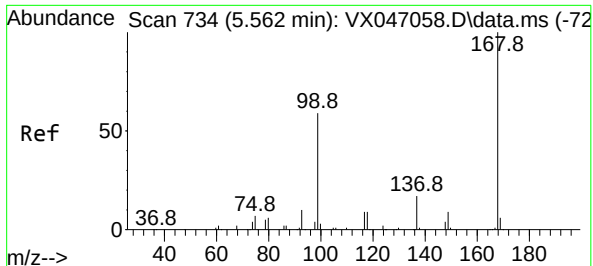
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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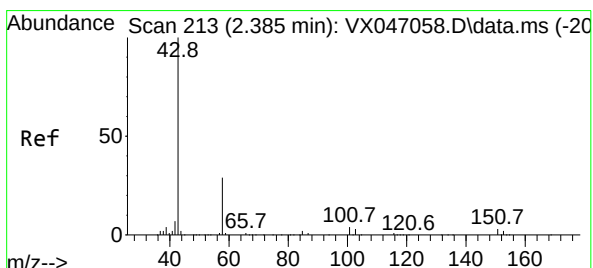
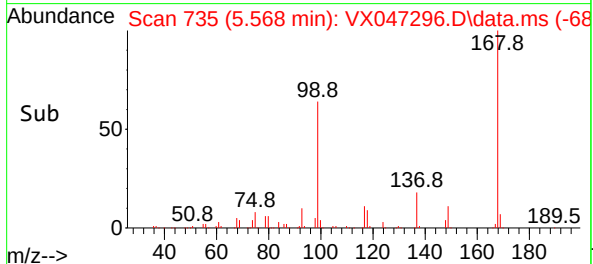
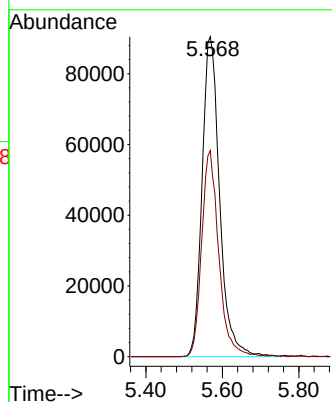
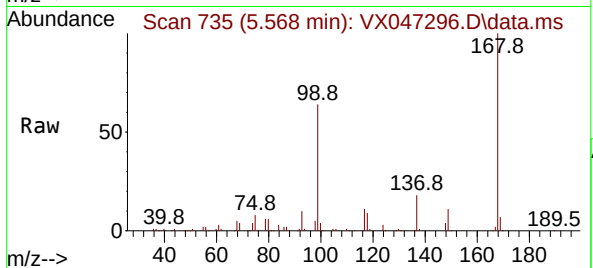




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047296.D
Acq: 12 Aug 2025 14:56

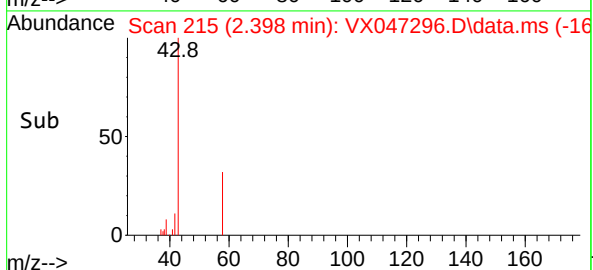
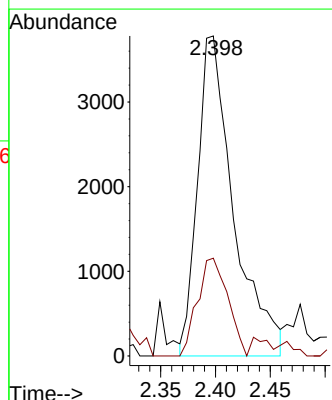
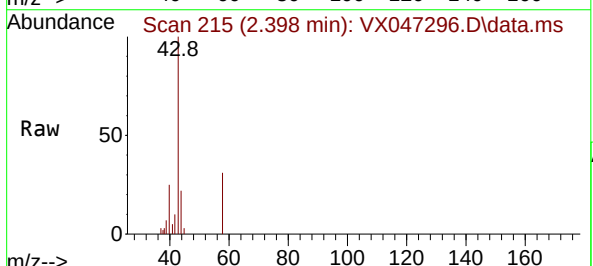
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-S

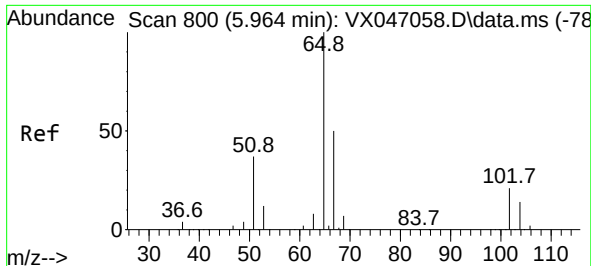
Tgt Ion:168 Resp: 288206
Ion Ratio Lower Upper
168 100
99 64.4 48.0 72.0



#16
Acetone
Concen: 6.014 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047296.D
Acq: 12 Aug 2025 14:56

Tgt Ion: 43 Resp: 8650
Ion Ratio Lower Upper
43 100
58 31.7 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 43.122 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.007 min

Lab File: VX047296.D

Acq: 12 Aug 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

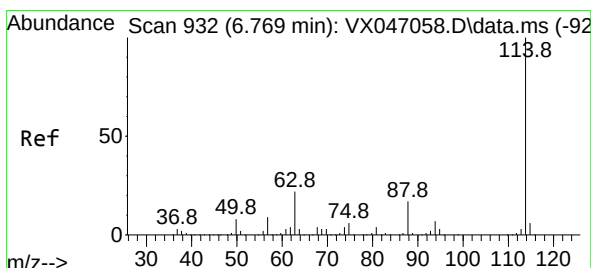
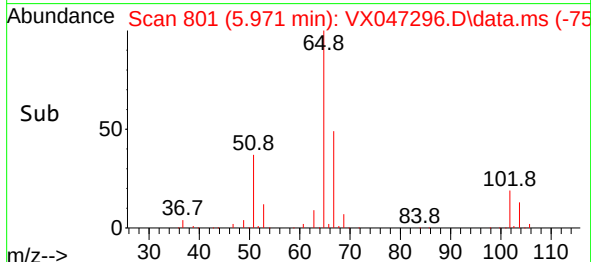
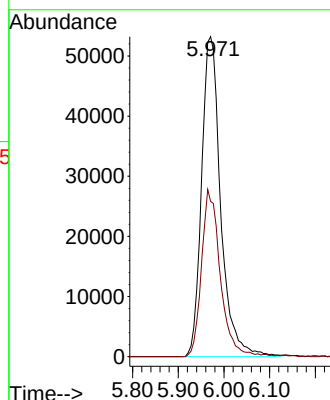
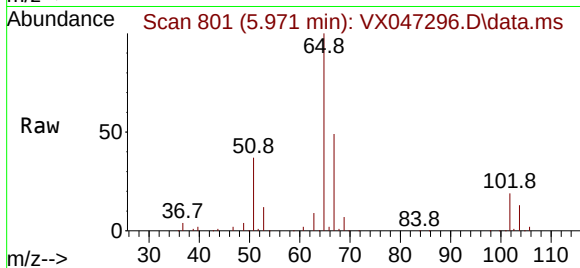
TW-82H-S

Tgt Ion: 65 Resp: 154815

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.007 min

Lab File: VX047296.D

Acq: 12 Aug 2025 14:56

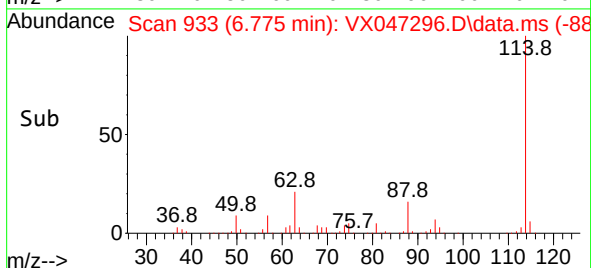
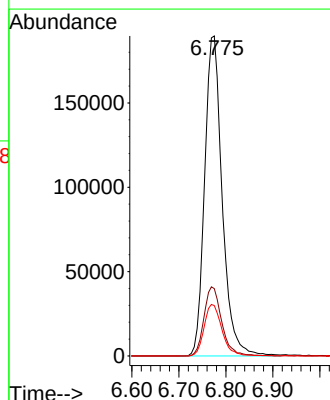
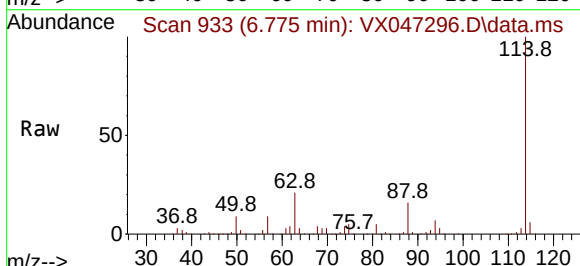
Tgt Ion: 114 Resp: 492096

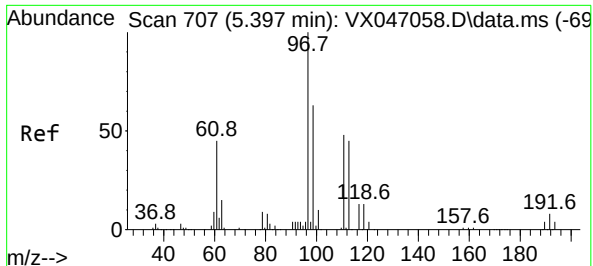
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 15.8 0.0 33.8

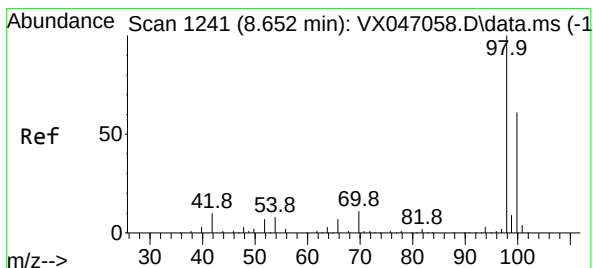
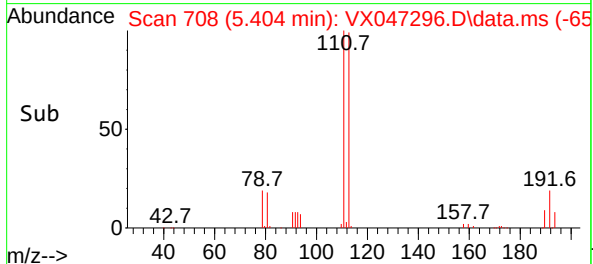
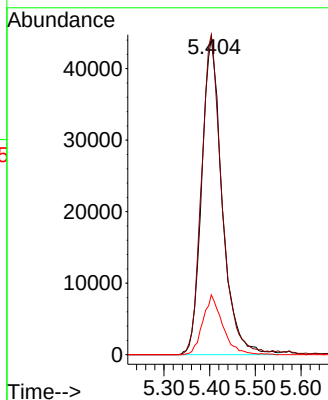
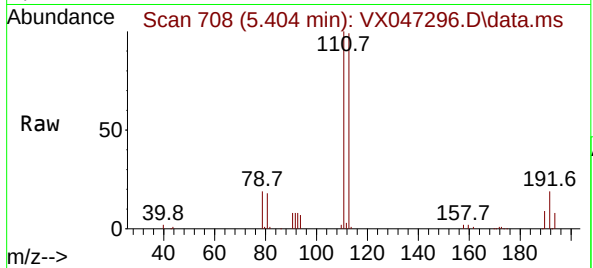




#35
Dibromofluoromethane
Concen: 45.400 ug/l
RT: 5.404 min Scan# 707
Delta R.T. 0.007 min
Lab File: VX047296.D
Acq: 12 Aug 2025 14:56

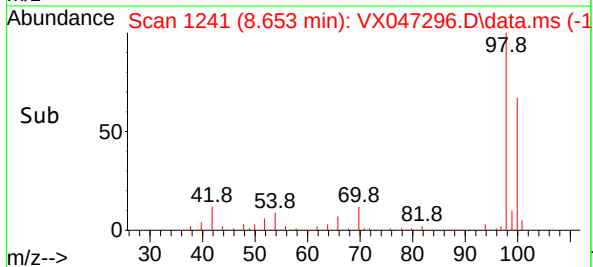
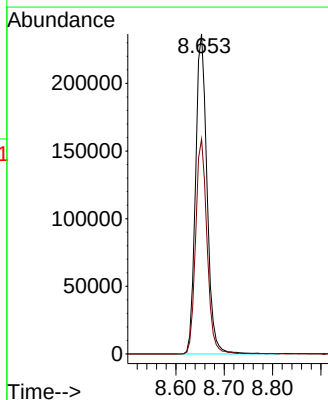
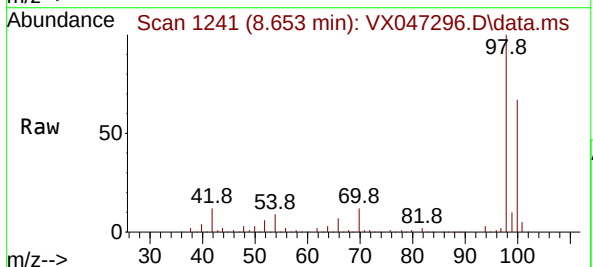
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-S

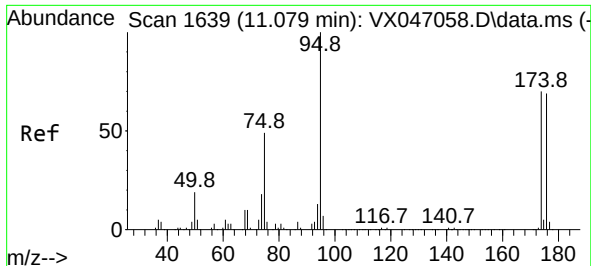
Tgt Ion:113 Resp: 137943
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 18.2 14.9 22.3



#50
Toluene-d8
Concen: 39.492 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047296.D
Acq: 12 Aug 2025 14:56

Tgt Ion: 98 Resp: 388585
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9

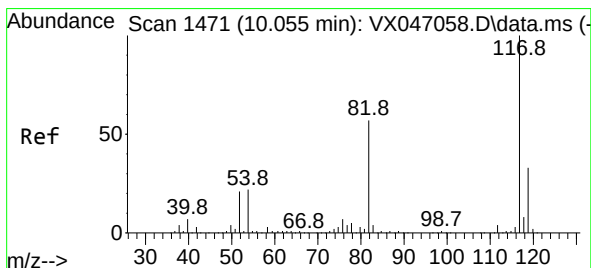
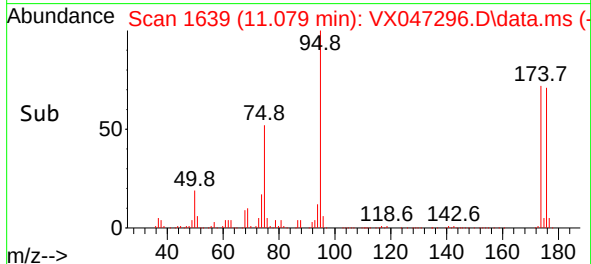
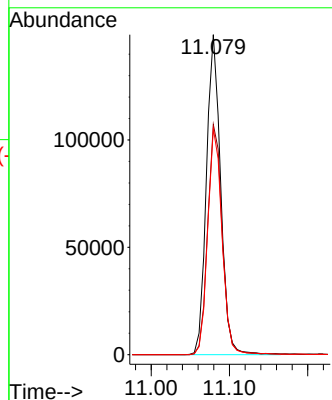
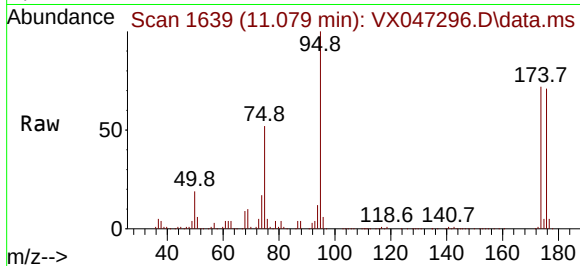




#62
4-Bromofluorobenzene
Concen: 44.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047296.D
Acq: 12 Aug 2025 14:56

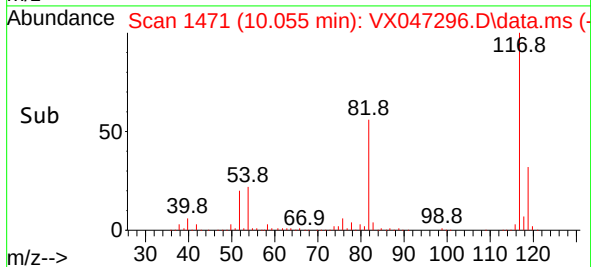
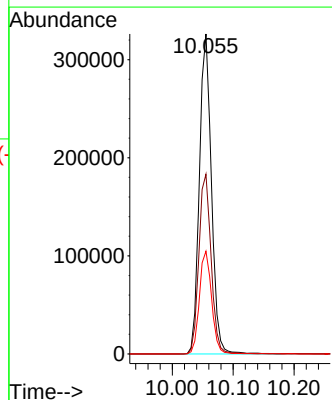
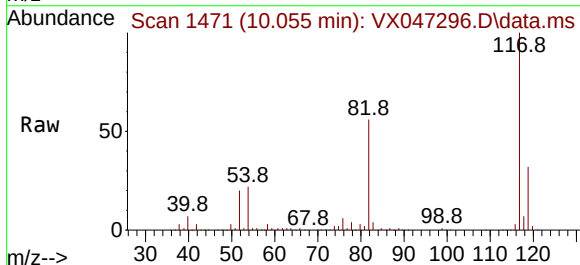
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-S

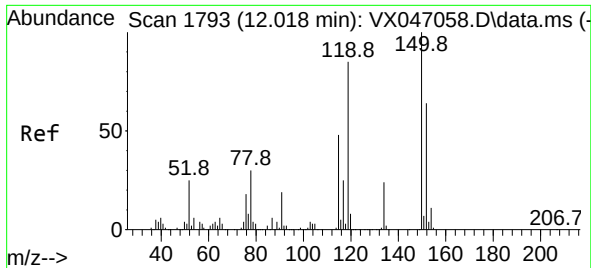
Tgt Ion: 95 Resp: 187601
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.6
176 71.3 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047296.D
Acq: 12 Aug 2025 14:56

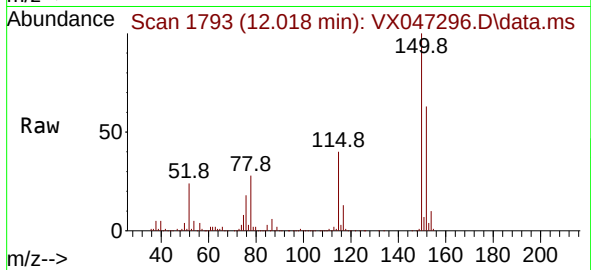
Tgt Ion: 117 Resp: 446908
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 32.1 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047296.D
 Acq: 12 Aug 2025 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-82H-S



Tgt Ion:152 Resp: 228813

Ion	Ratio	Lower	Upper
152	100		
115	62.4	45.6	136.7
150	158.9	0.0	354.6

