

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039476.D
 Acq On : 05 Dec 2025 13:37
 Operator : SY/MD
 Sample : Q3757-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-14B-46-120325-SIM

Quant Time: Dec 05 22:48:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.614	114	588	0.500	ug/L	0.05
5) Chlorobenzene-d5	8.831	117	562	0.500	ug/L	0.05
12) 1,4-Dichlorobenzene-d4	11.220	152	269	0.500	ug/L	0.04
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	694	1.174	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 234.000%#	
4) 1,2-Dichloroethane-d4	5.018	65	256	0.654	ug/L	0.05
Spiked Amount	0.500	Range	70 - 130	Recovery	= 130.000%	
7) 1,2-Dichloropropane-d6	6.020	67	195	0.411	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 82.000%	
8) Toluene-d8	7.300	98	352	0.440	ug/L	0.06
Spiked Amount	0.500	Range	70 - 130	Recovery	= 88.000%	
10) 1,1,2,2-Tetrachloroeth...	10.155	84	270	1.010	ug/L	0.02
Spiked Amount	0.500	Range	65 - 120	Recovery	= 202.000%#	

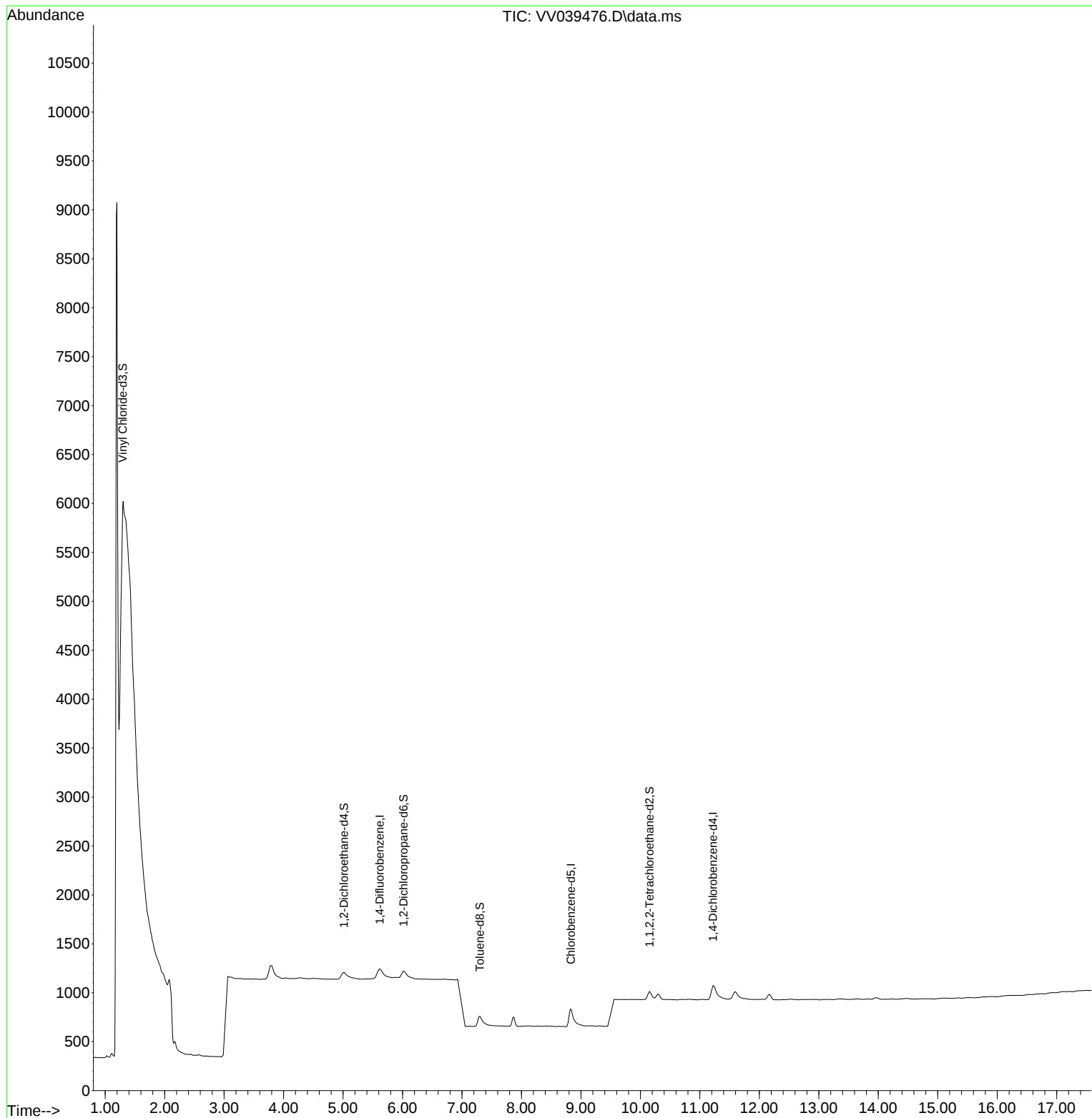
Target Compounds Qvalue

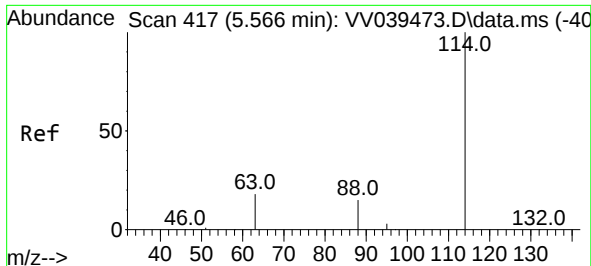
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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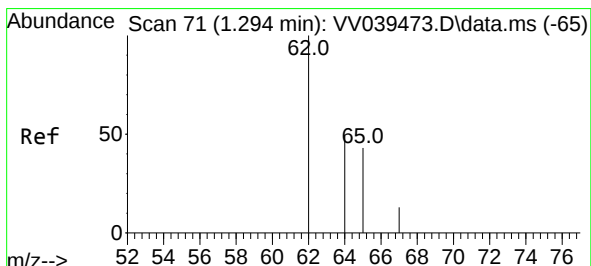
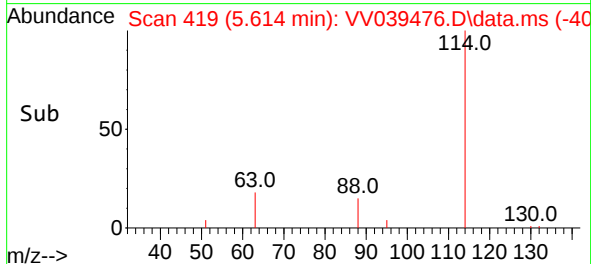
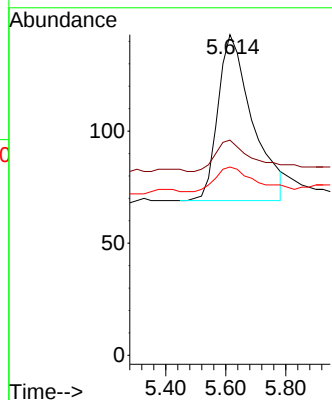
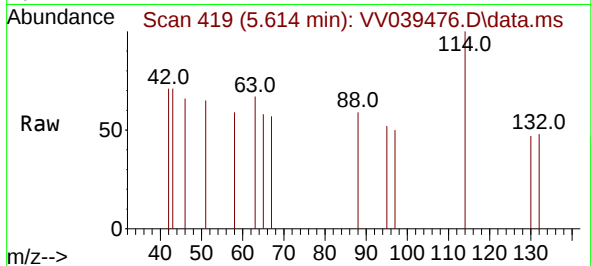




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.614 min Scan# 417
Delta R.T. 0.048 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

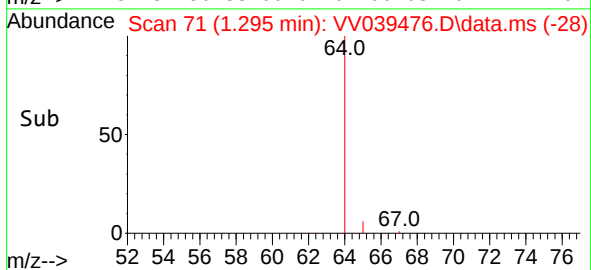
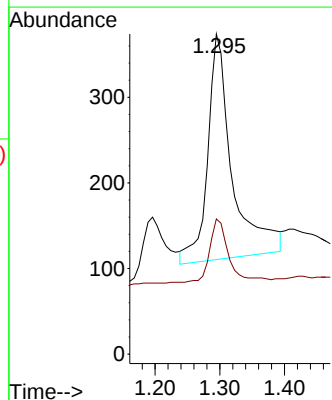
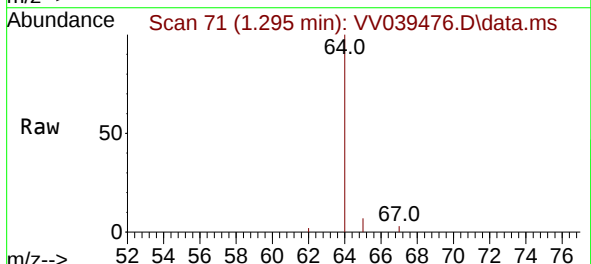
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM

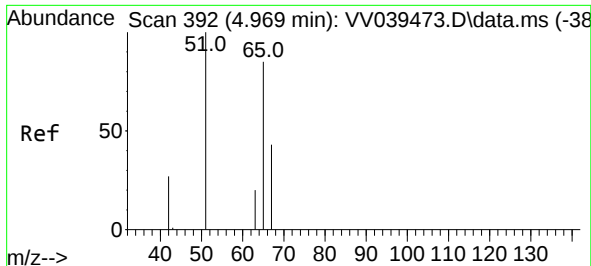
Tgt Ion:114 Resp: 588
Ion Ratio Lower Upper
114 100
63 19.6 15.0 22.4
88 15.6 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 1.174 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

Tgt Ion: 65 Resp: 694
Ion Ratio Lower Upper
65 100
67 23.2 22.3 41.5

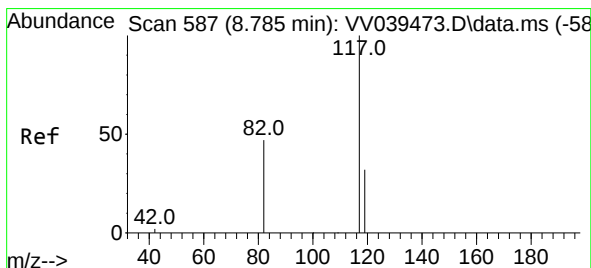
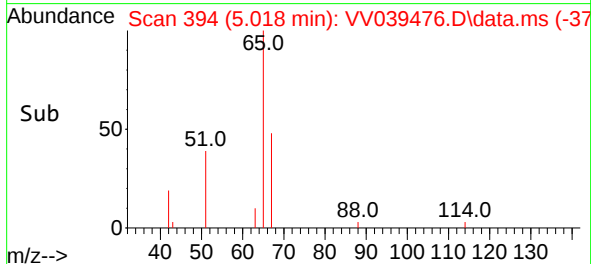
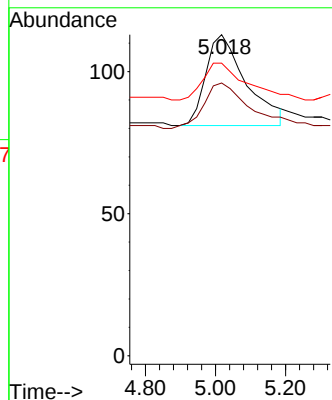
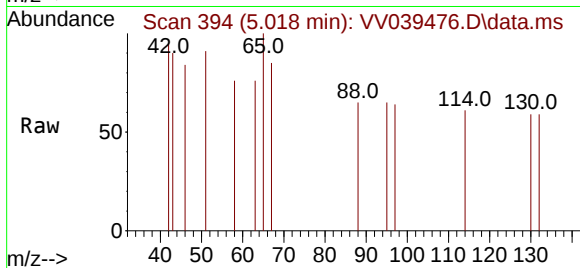




#4
1,2-Dichloroethane-d4
Concen: 0.654 ug/L
RT: 5.018 min Scan# 392
Delta R.T. 0.049 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

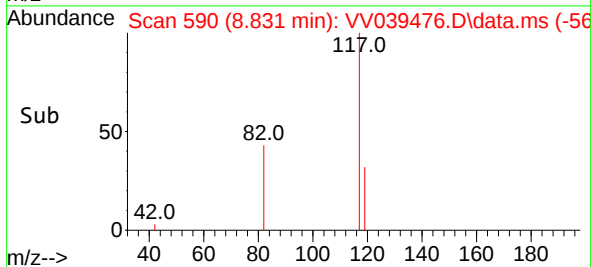
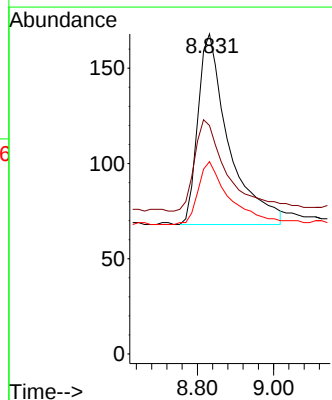
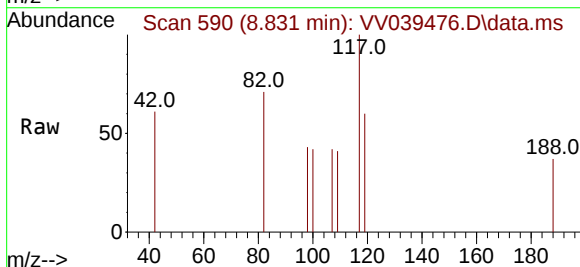
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM

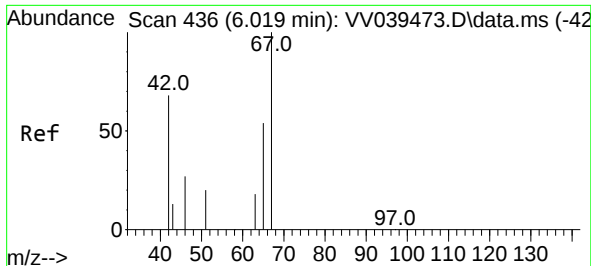
Tgt Ion: 65 Resp: 256
Ion Ratio Lower Upper
65 100
67 53.1 32.5 60.3
51 42.6 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.831 min Scan# 590
Delta R.T. 0.047 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

Tgt Ion: 117 Resp: 562
Ion Ratio Lower Upper
117 100
82 50.2 39.4 59.2
119 33.5 26.2 39.2

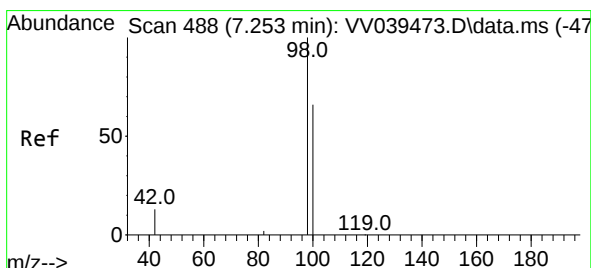
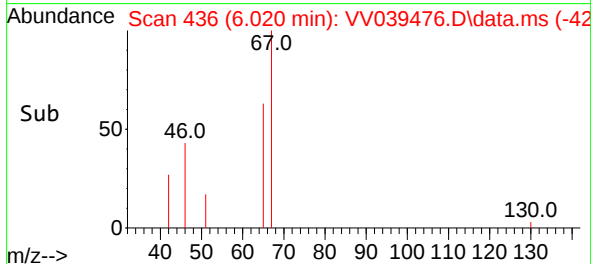
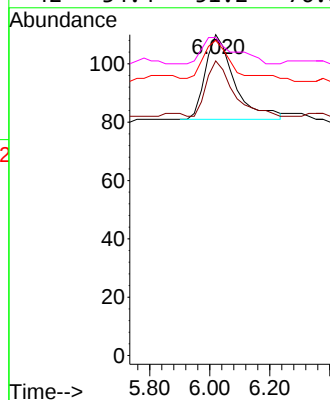
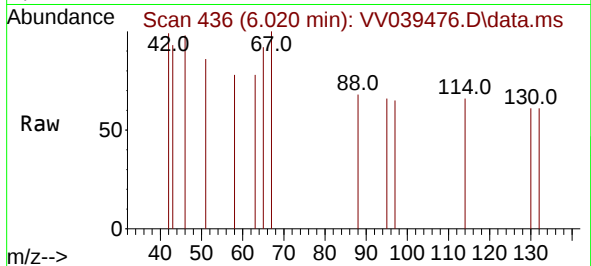




#7
1,2-Dichloropropane-d6
Concen: 0.411 ug/L
RT: 6.020 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

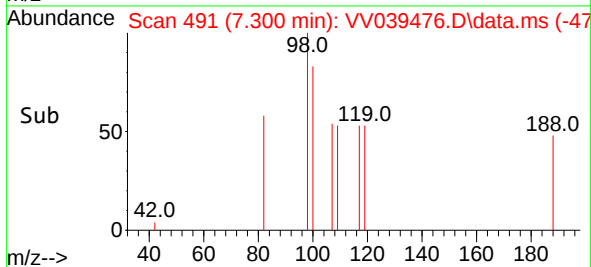
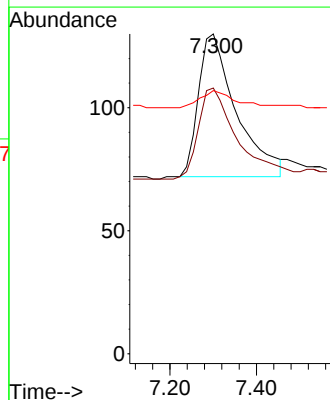
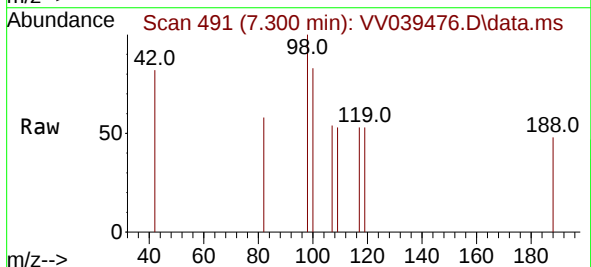
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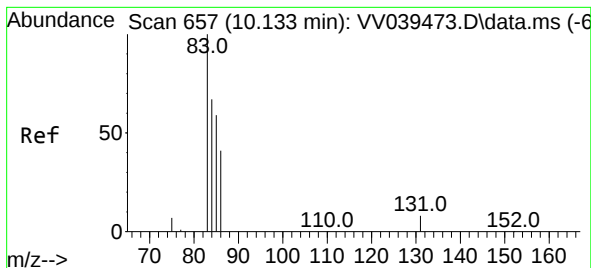
Tgt Ion:	67	Resp:	195
Ion	Ratio	Lower	Upper
67	100		
65	60.0	37.9	56.9#
46	37.4	27.4	41.0
42	34.4	51.2	76.8#



#8
Toluene-d8
Concen: 0.440 ug/L
RT: 7.300 min Scan# 491
Delta R.T. 0.062 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

Tgt Ion:	98	Resp:	352
Ion	Ratio	Lower	Upper
98	100		
100	61.9	44.5	82.7
42	11.4	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 1.010 ug/L

RT: 10.155 min Scan# 6

Delta R.T. 0.022 min

Lab File: VV039476.D

Acq: 05 Dec 2025 13:37

Instrument :

MSVOA_V

ClientSampleId :

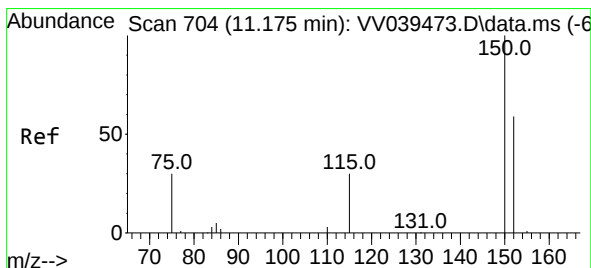
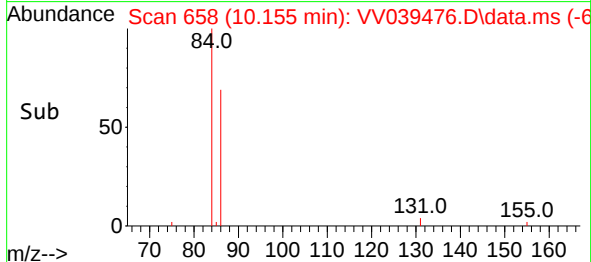
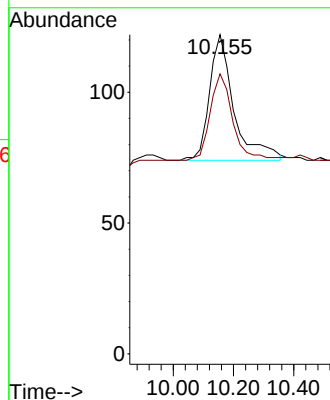
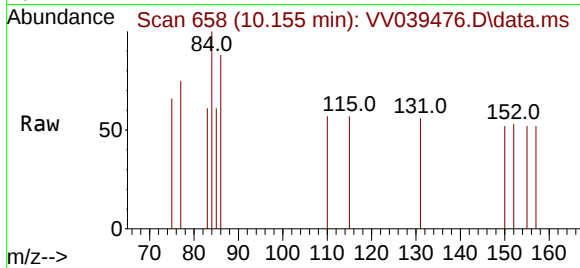
MW-14B-46-120325-SIM

Tgt Ion: 84 Resp: 270

Ion Ratio Lower Upper

84 100

86 63.0 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.220 min Scan# 706

Delta R.T. 0.045 min

Lab File: VV039476.D

Acq: 05 Dec 2025 13:37

Tgt Ion:152 Resp: 269

Ion Ratio Lower Upper

152 100

115 61.0 0.0 101.6

150 171.7 0.0 396.2

