

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039542.D
 Acq On : 11 Dec 2025 15:29
 Operator : SY/MD
 Sample : Q3835-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Dec 12 00:49:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6196	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5919	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3051	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3213	0.528	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	106.000%
4) 1,2-Dichloroethane-d4	4.969	65	1775	0.430	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.995	67	2021	0.405	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	80.000%
8) Toluene-d8	7.253	98	3791	0.450	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1454	0.517	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.000%

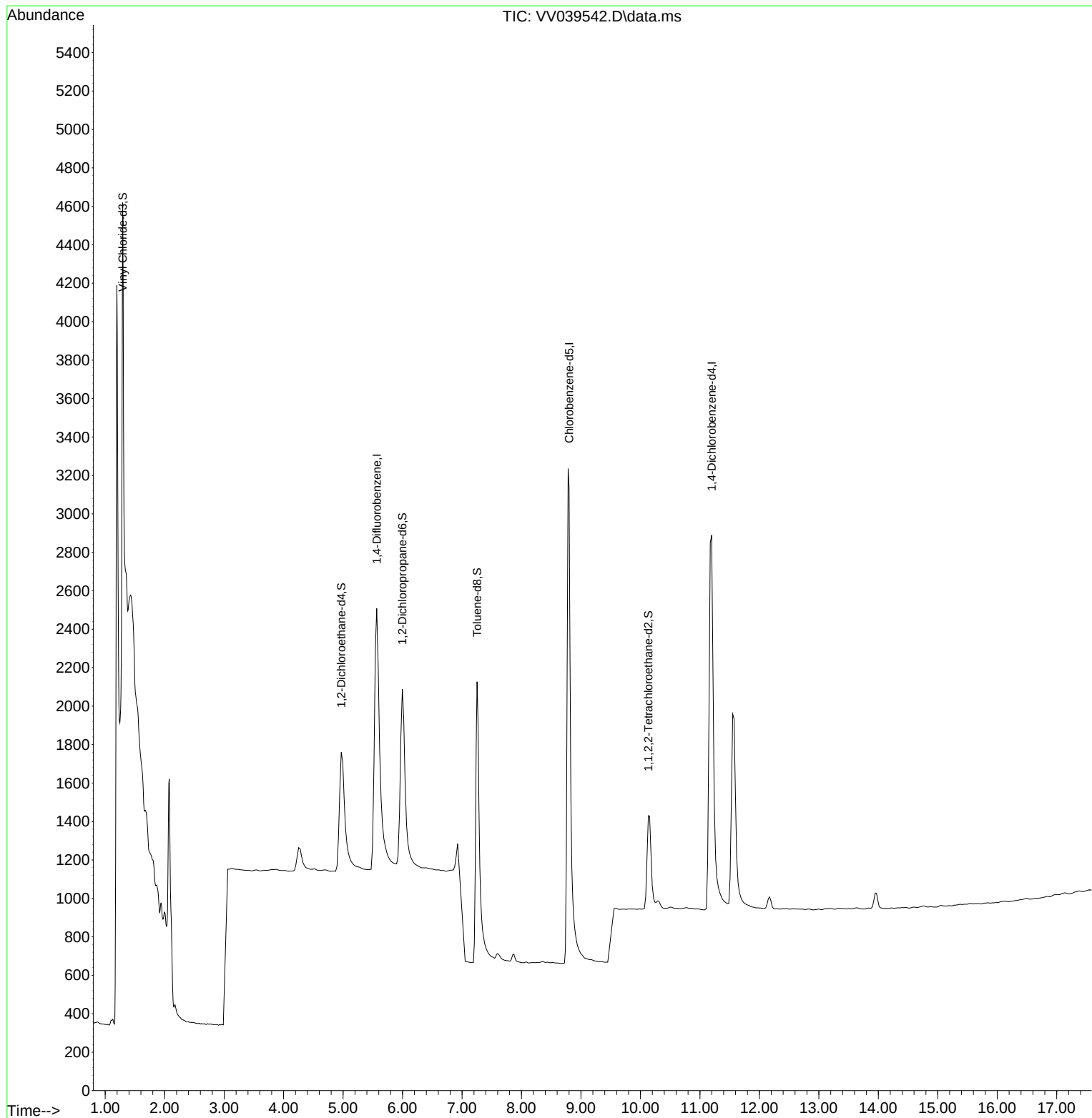
Target Compounds Qvalue

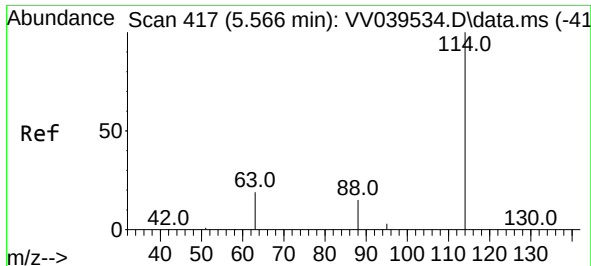
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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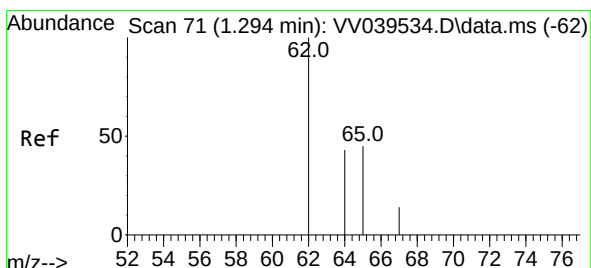
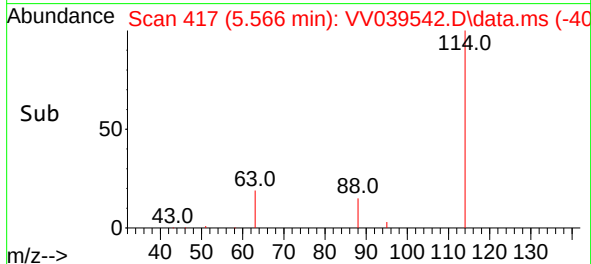
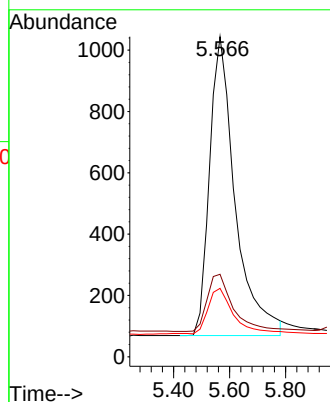
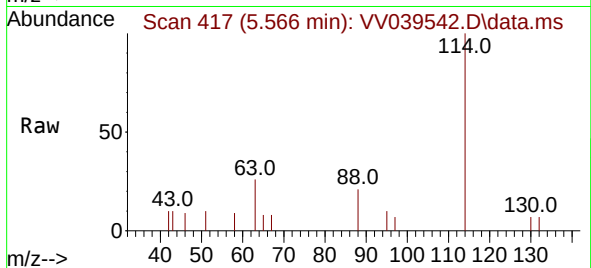




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039542.D
Acq: 11 Dec 2025 15:29

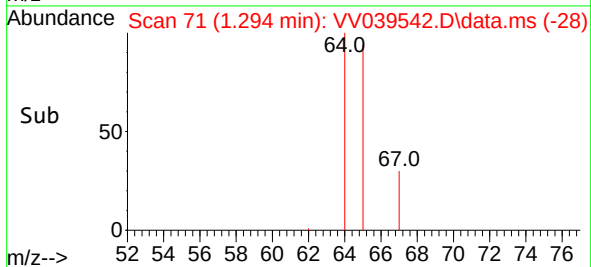
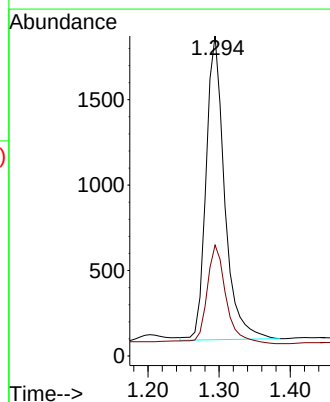
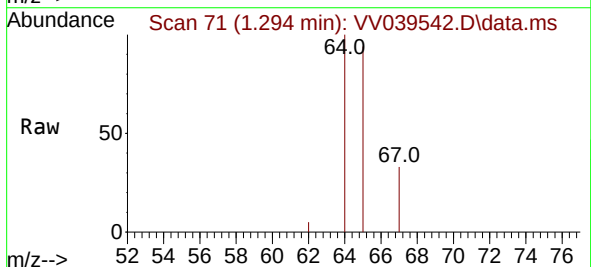
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

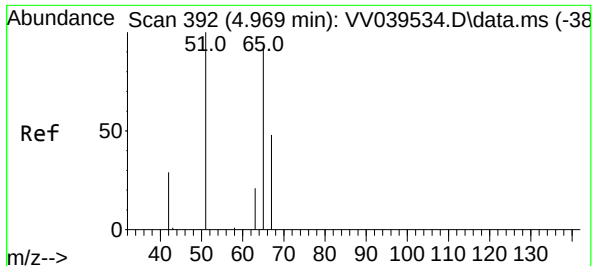
Tgt Ion:114	Resp:	6196
Ion	Ratio	Lower Upper
114	100	
63	19.2	15.0 22.4
88	15.5	12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.528 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039542.D
Acq: 11 Dec 2025 15:29

Tgt Ion: 65	Resp:	3213
Ion	Ratio	Lower Upper
65	100	
67	34.5	22.3 41.5

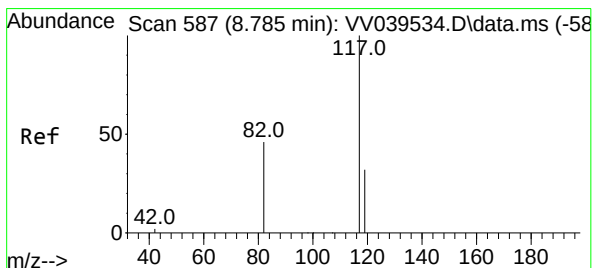
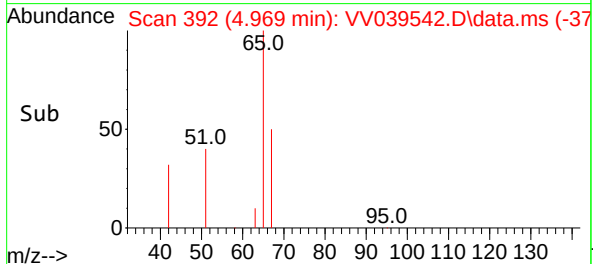
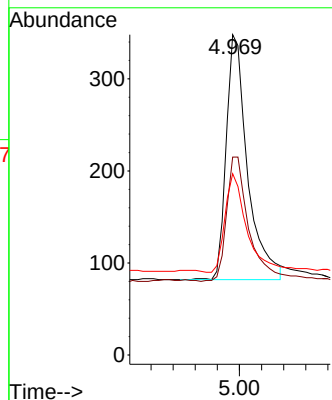
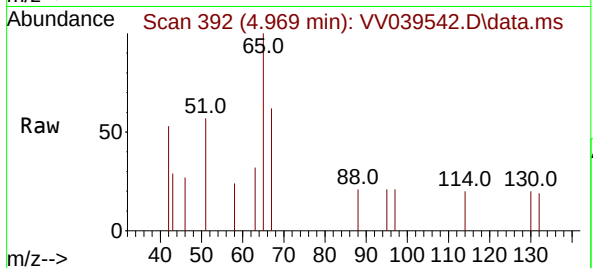




#4
1,2-Dichloroethane-d4
Concen: 0.430 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039542.D
Acq: 11 Dec 2025 15:29

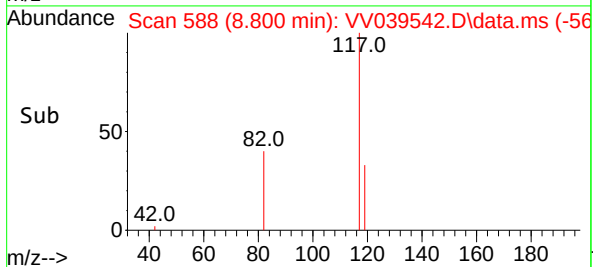
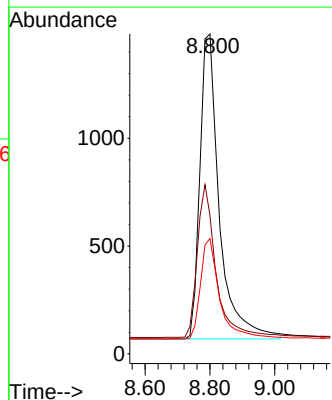
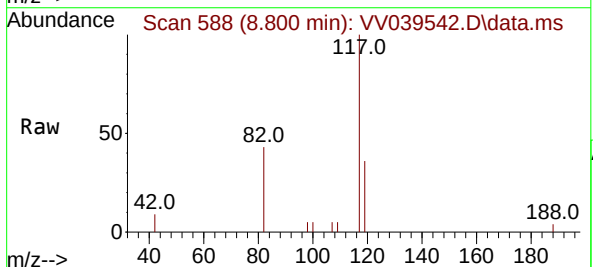
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

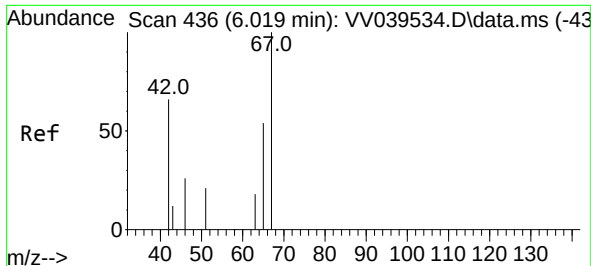
Tgt Ion: 65 Resp: 1775
Ion Ratio Lower Upper
65 100
67 52.7 32.5 60.3
51 40.7 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039542.D
Acq: 11 Dec 2025 15:29

Tgt Ion: 117 Resp: 5919
Ion Ratio Lower Upper
117 100
82 48.3 39.4 59.2
119 32.5 26.2 39.2

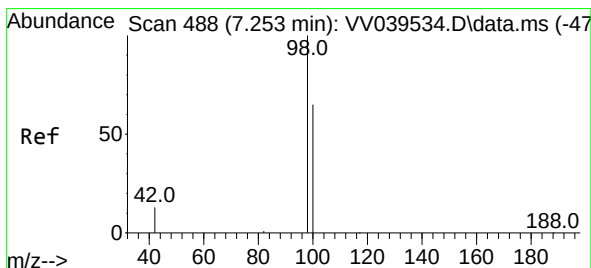
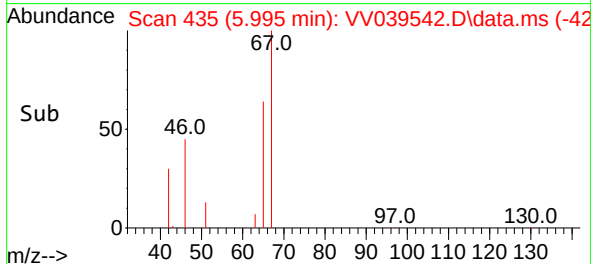
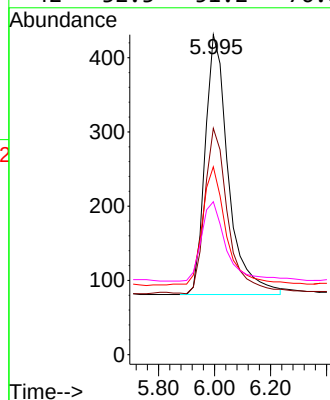
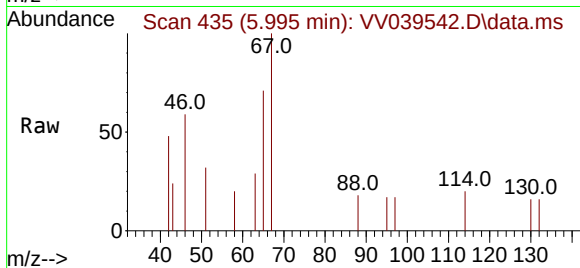




#7
1,2-Dichloropropane-d6
Concen: 0.405 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039542.D
Acq: 11 Dec 2025 15:29

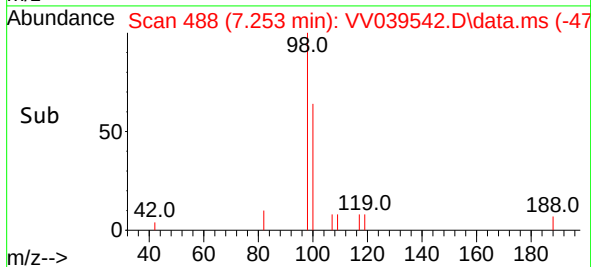
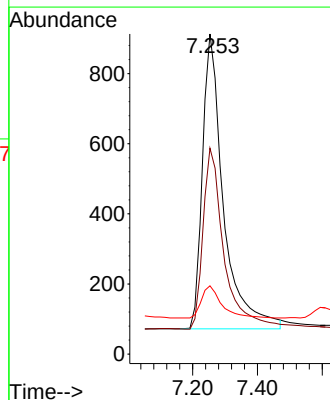
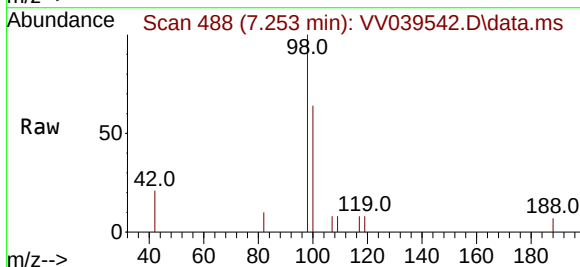
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

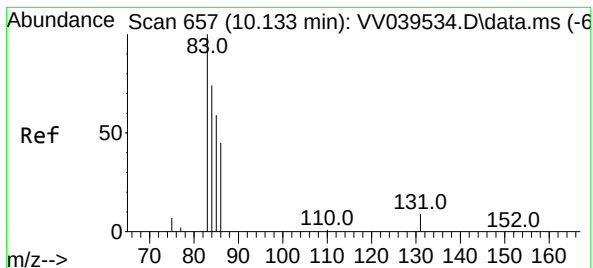
Tgt Ion:	67	Resp:	2021
Ion	Ratio	Lower	Upper
67	100		
65	62.5	37.9	56.9#
46	46.9	27.4	41.0#
42	32.3	51.2	76.8#



#8
Toluene-d8
Concen: 0.450 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039542.D
Acq: 11 Dec 2025 15:29

Tgt Ion:	98	Resp:	3791
Ion	Ratio	Lower	Upper
98	100		
100	61.5	44.5	82.7
42	10.4	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.517 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039542.D

Acq: 11 Dec 2025 15:29

Instrument :

MSVOA_V

ClientSampleId :

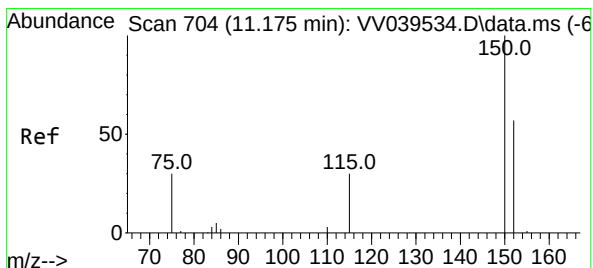
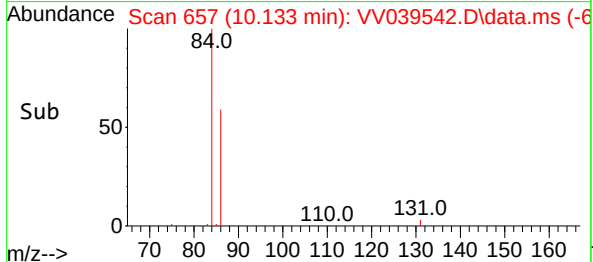
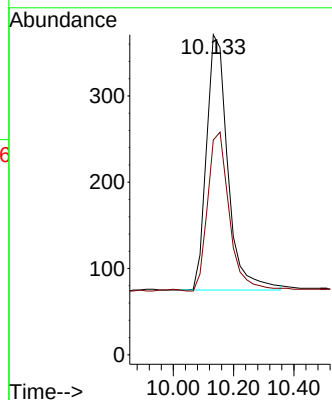
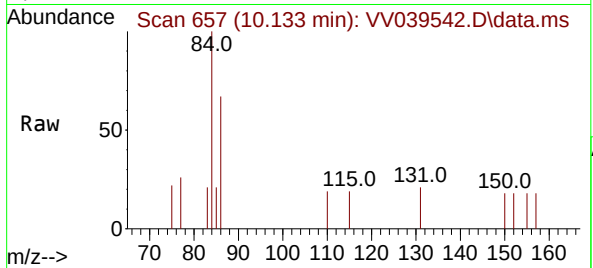
VHBLK001

Tgt Ion: 84 Resp: 1454

Ion Ratio Lower Upper

84 100

86 63.3 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039542.D

Acq: 11 Dec 2025 15:29

Tgt Ion: 152 Resp: 3051

Ion Ratio Lower Upper

152 100

115 55.1 0.0 101.6

150 160.8 0.0 396.2

