

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039502.D
 Acq On : 09 Dec 2025 14:29
 Operator : SY/MD
 Sample : VV1209WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK238

Quant Time: Dec 10 01:16:27 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	6387	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	5976	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	3086	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3547	0.566	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.970	65	1848	0.435	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.996	67	2092	0.415	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.254	98	4027	0.473	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1438	0.506	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%

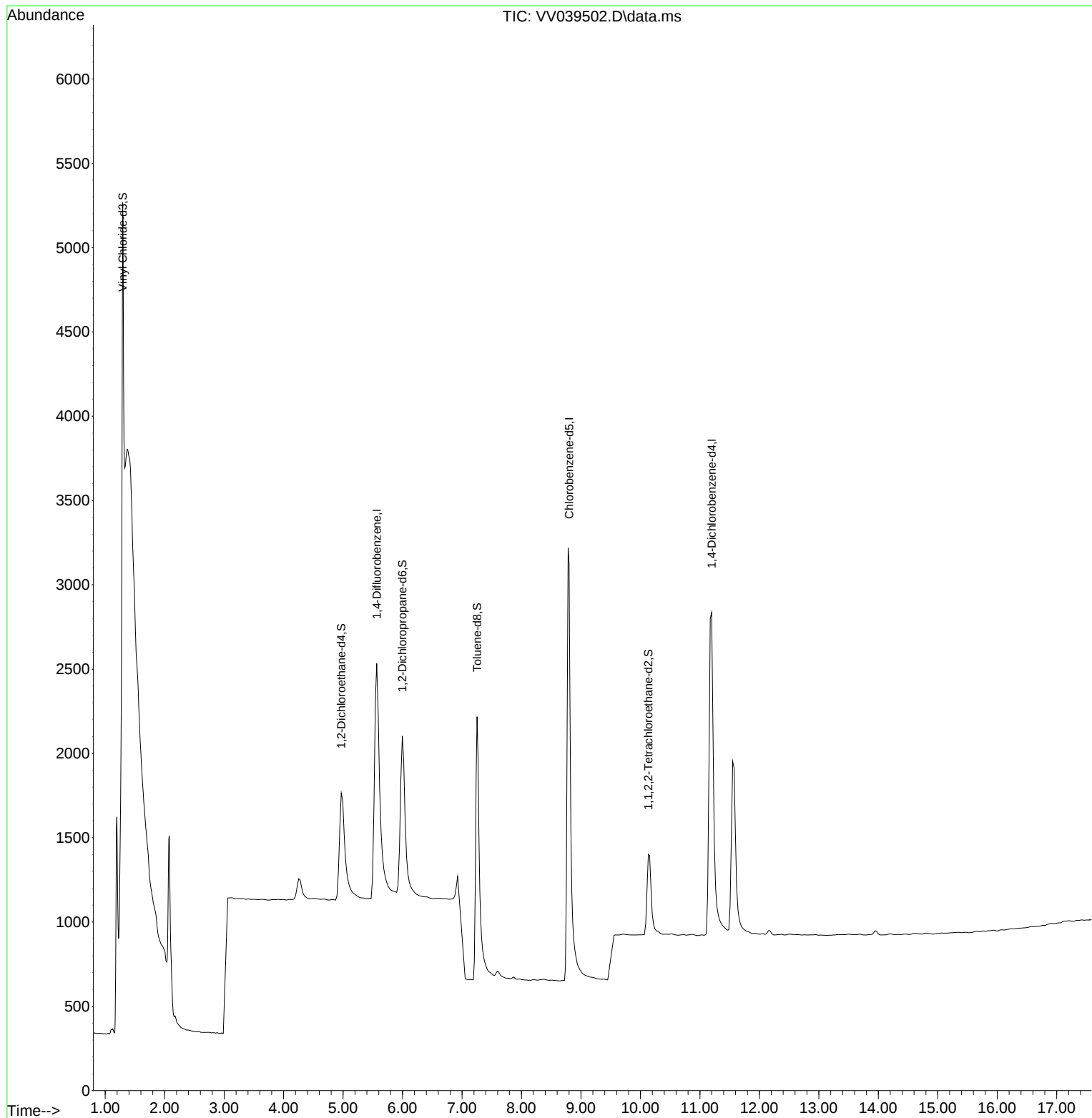
Target Compounds Qvalue

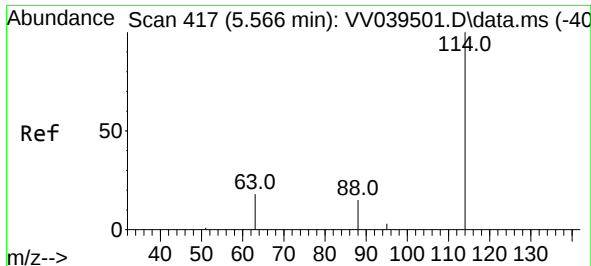
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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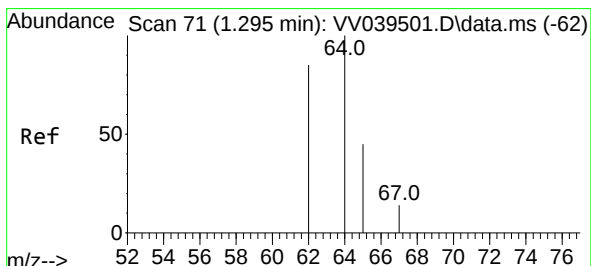
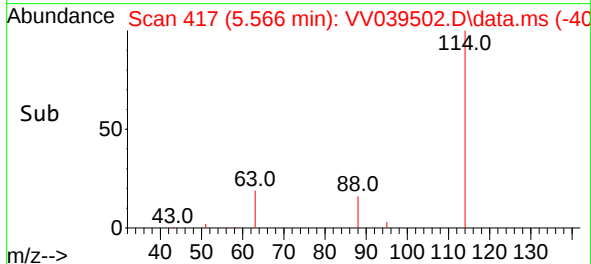
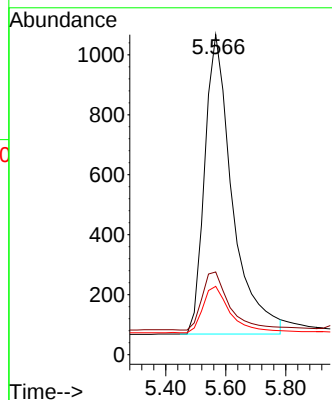
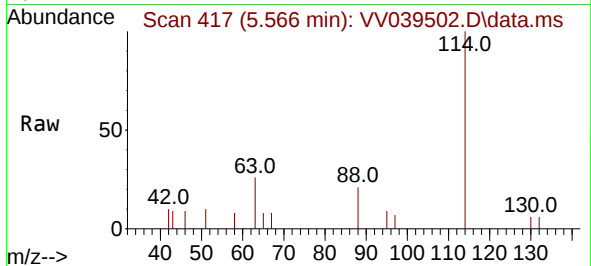




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

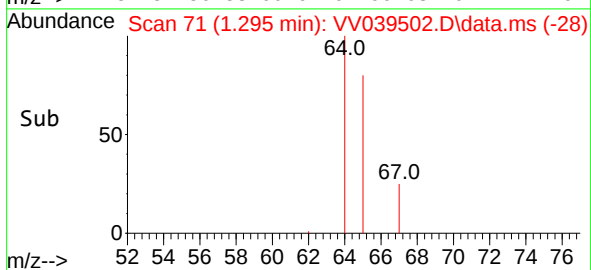
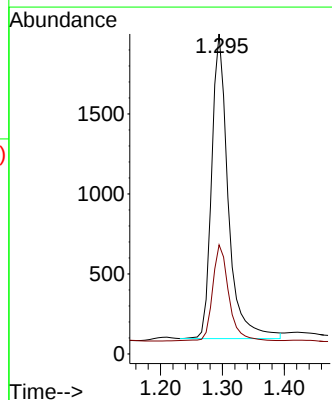
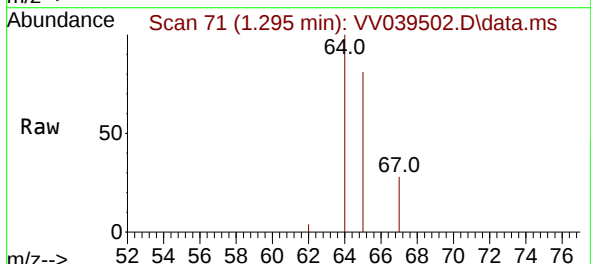
Instrument :
MSVOA_V
ClientSampleId :
VBLK238

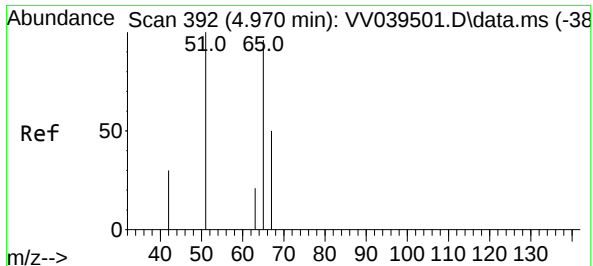
Tgt Ion:	114	Resp:	6387
Ion	Ratio	Lower	Upper
114	100		
63	19.4	15.0	22.4
88	15.4	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.566 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

Tgt Ion:	65	Resp:	3547
Ion	Ratio	Lower	Upper
65	100		
67	31.5	22.3	41.5

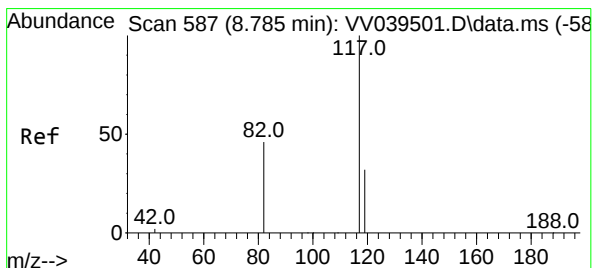
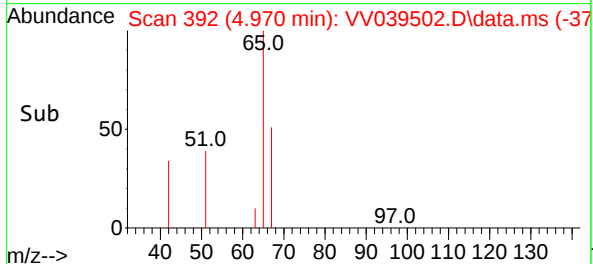
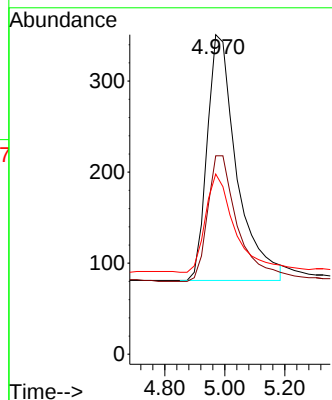
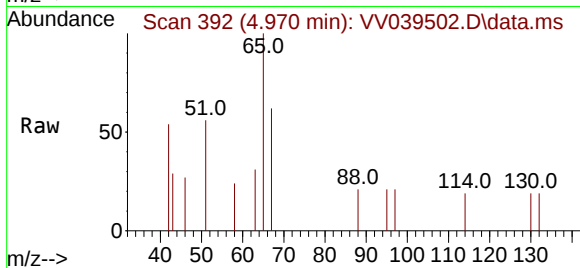




#4
1,2-Dichloroethane-d4
Concen: 0.435 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

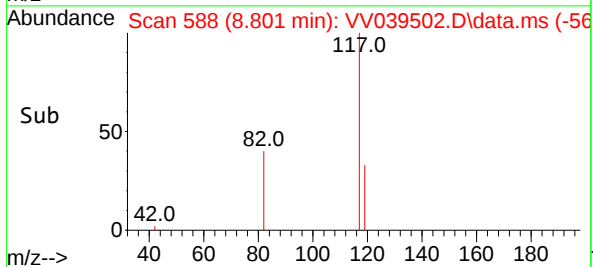
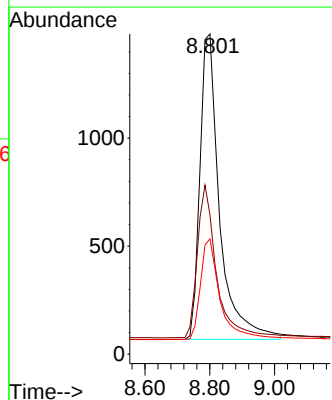
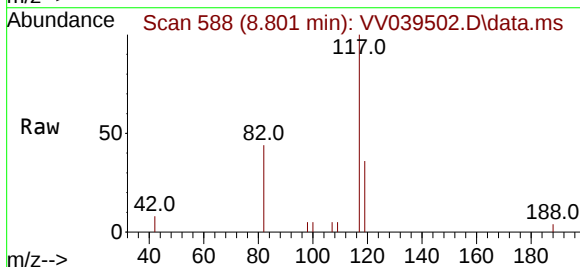
Instrument :
MSVOA_V
ClientSampleId :
VBLK238

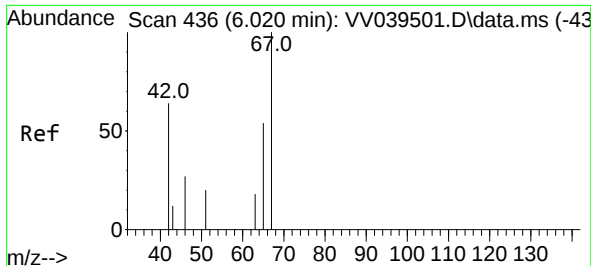
Tgt Ion: 65 Resp: 1848
Ion Ratio Lower Upper
65 100
67 52.3 32.5 60.3
51 39.8 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

Tgt Ion: 117 Resp: 5976
Ion Ratio Lower Upper
117 100
82 48.7 39.4 59.2
119 32.9 26.2 39.2

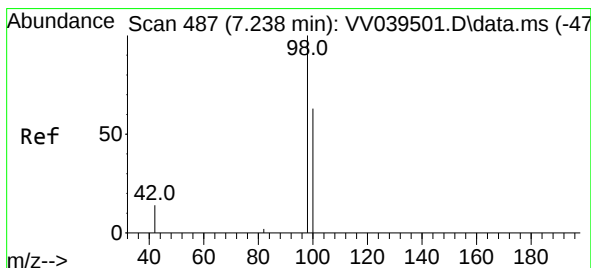
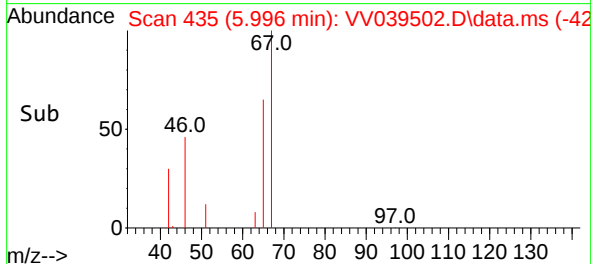
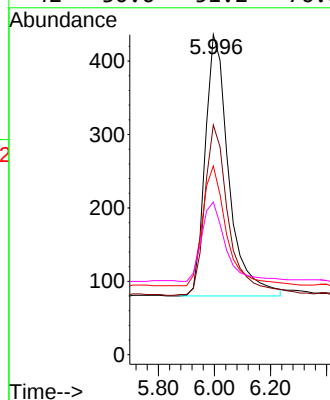
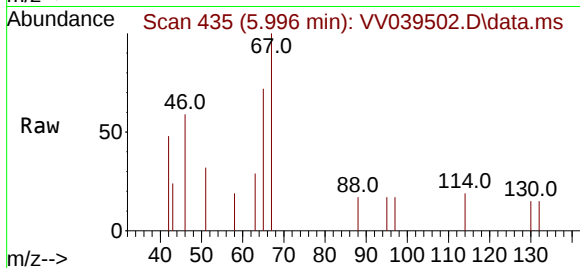




#7
1,2-Dichloropropane-d6
Concen: 0.415 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

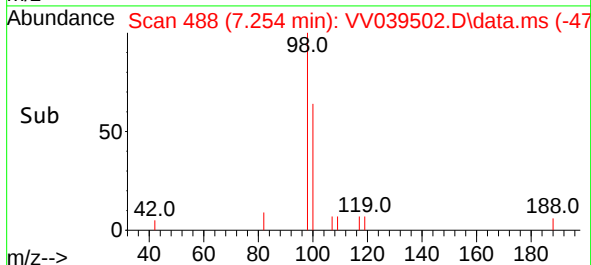
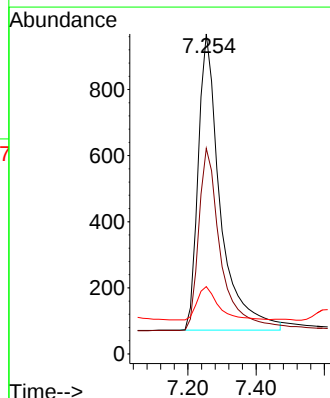
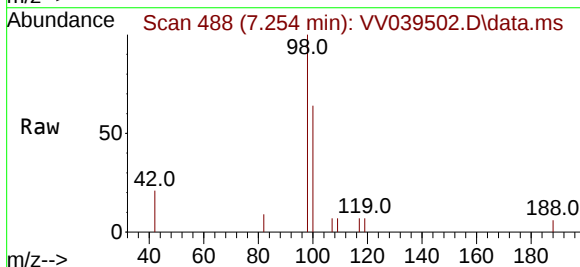
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MSVOA_V
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VBLK238

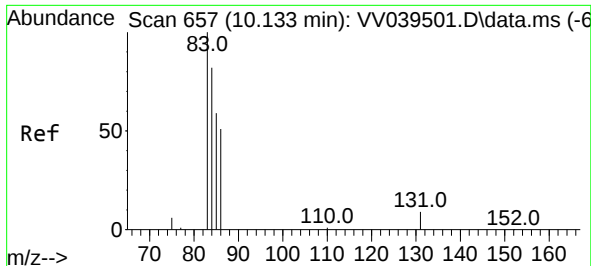
Tgt Ion:	67	Resp:	2092
Ion	Ratio	Lower	Upper
67	100		
65	65.8	37.9	56.9#
46	46.0	27.4	41.0#
42	30.6	51.2	76.8#



#8
Toluene-d8
Concen: 0.473 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

Tgt Ion:	98	Resp:	4027
Ion	Ratio	Lower	Upper
98	100		
100	61.6	44.5	82.7
42	10.7	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.506 ug/L

RT: 10.133 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV039502.D

Acq: 09 Dec 2025 14:29

Instrument :

MSVOA_V

ClientSampleId :

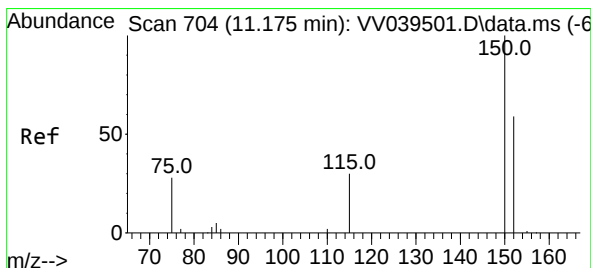
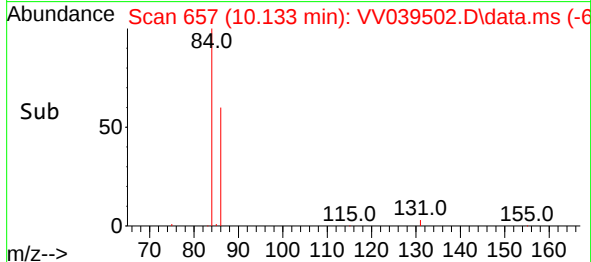
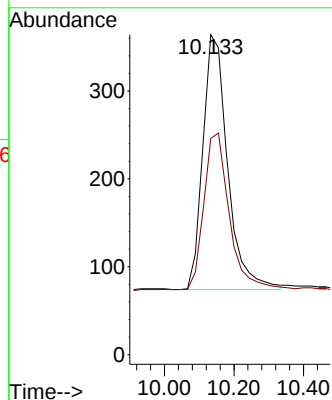
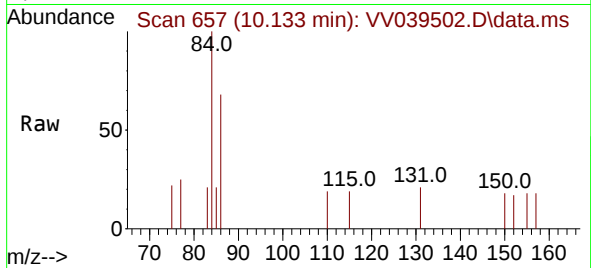
VBLK238

Tgt Ion: 84 Resp: 1438

Ion Ratio Lower Upper

84 100

86 62.9 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.198 min Scan# 705

Delta R.T. 0.023 min

Lab File: VV039502.D

Acq: 09 Dec 2025 14:29

Tgt Ion: 152 Resp: 3086

Ion Ratio Lower Upper

152 100

115 54.4 0.0 101.6

150 158.6 0.0 396.2

