

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039518.D
 Acq On : 10 Dec 2025 09:36
 Operator : SY/MD
 Sample : VV1210WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK239

Quant Time: Dec 11 00:05:16 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	5966	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5775	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2945	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3410	0.582	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	116.000%
4) 1,2-Dichloroethane-d4	4.969	65	1886	0.475	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	5.995	67	2149	0.441	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.253	98	4093	0.498	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1521	0.554	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	110.000%

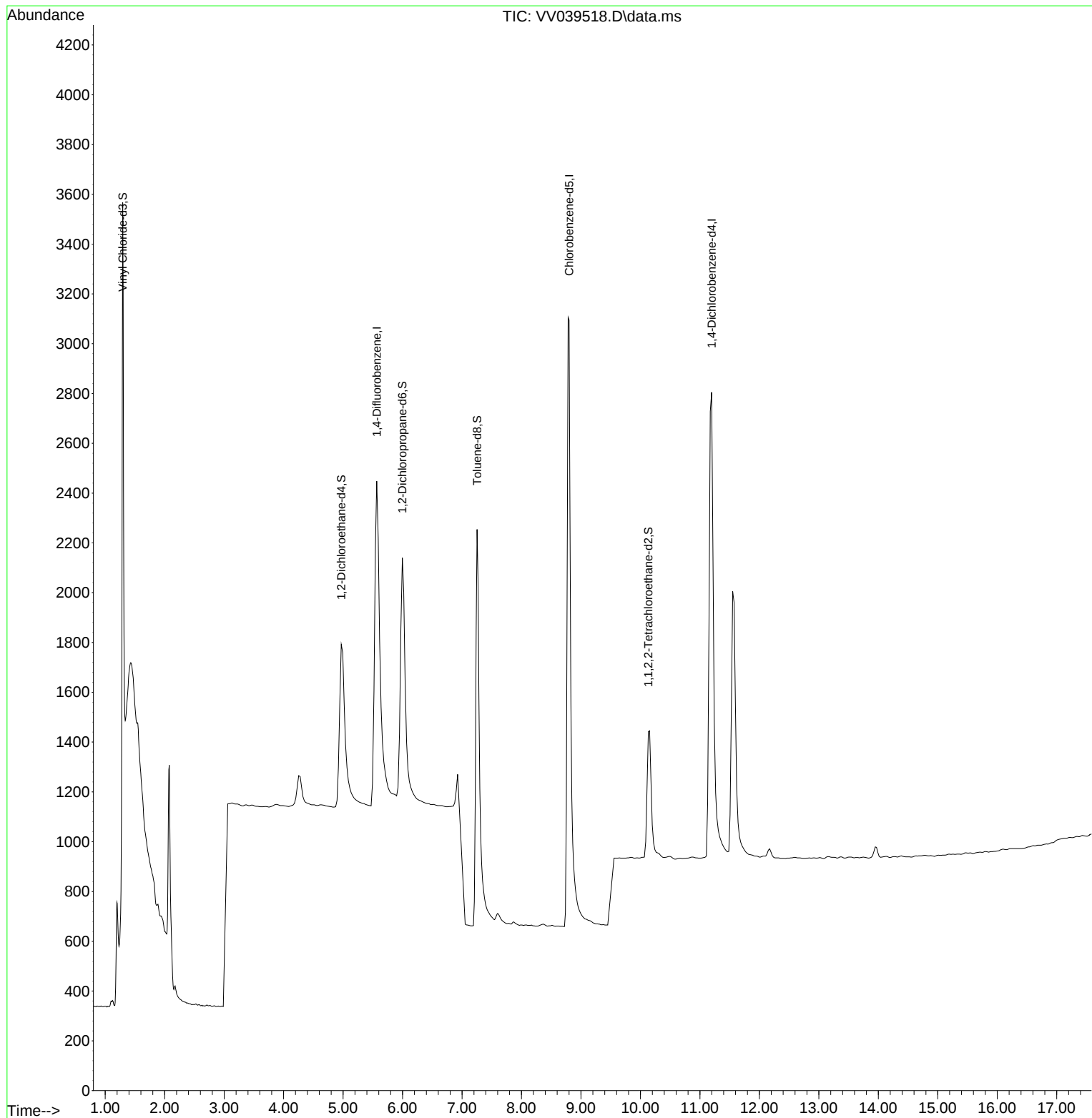
Target Compounds	Qvalue

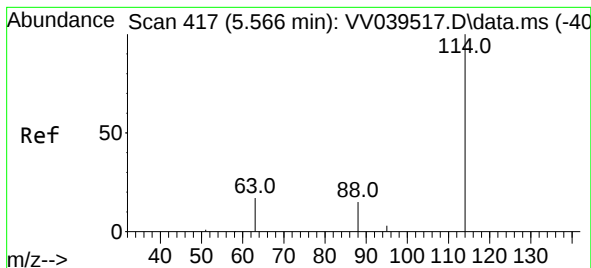
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 09 08:40:48 2025
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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: VV039518.D

Acq: 10 Dec 2025 09:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK239

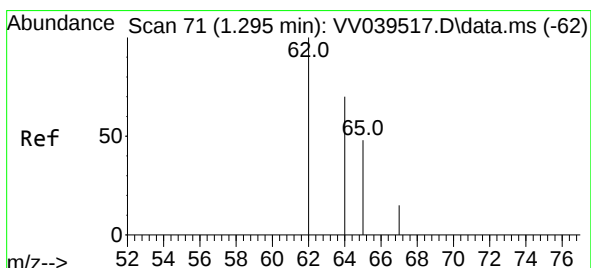
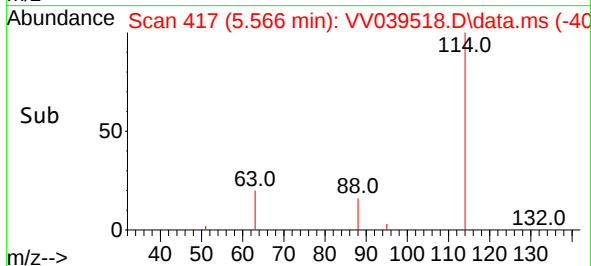
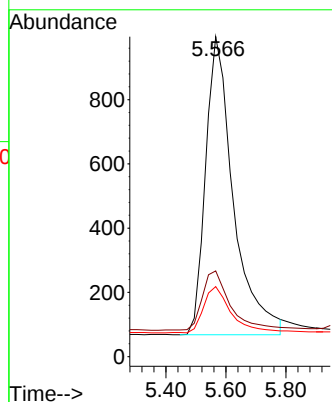
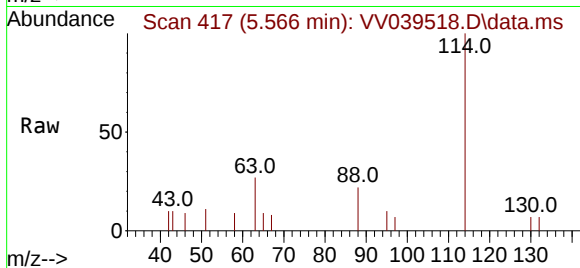
Tgt Ion:114 Resp: 5966

Ion Ratio Lower Upper

114 100

63 20.1 15.0 22.4

88 15.4 12.0 18.0



#2

Vinyl Chloride-d3

Concen: 0.582 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039518.D

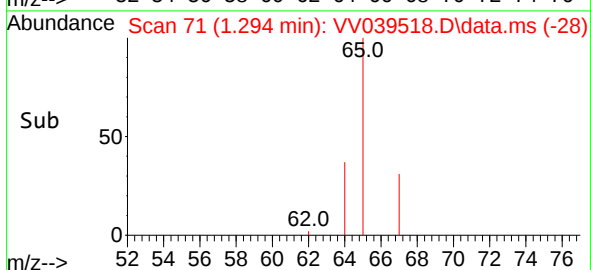
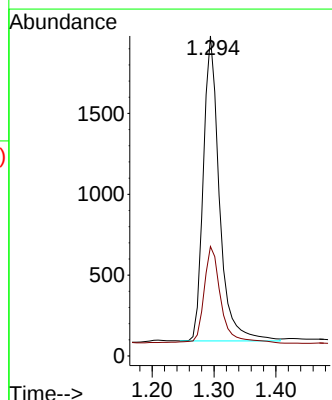
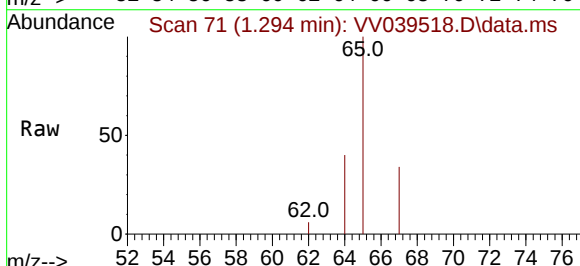
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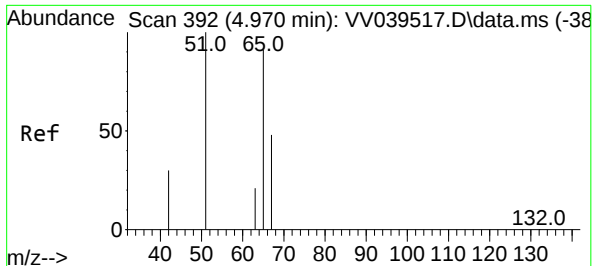
Tgt Ion: 65 Resp: 3410

Ion Ratio Lower Upper

65 100

67 34.0 22.3 41.5

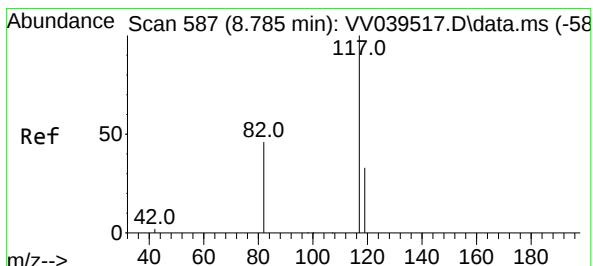
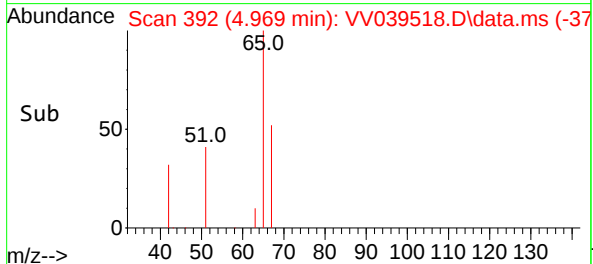
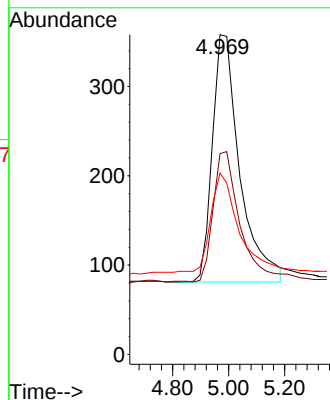
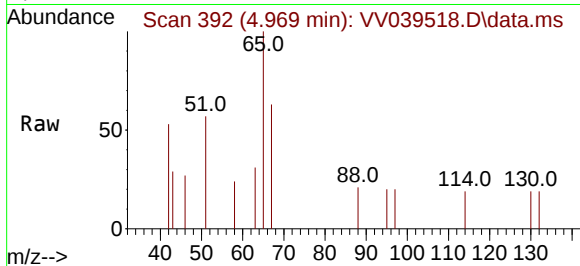




#4
1,2-Dichloroethane-d4
Concen: 0.475 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039518.D
Acq: 10 Dec 2025 09:36

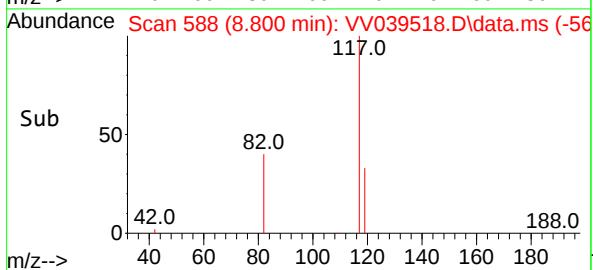
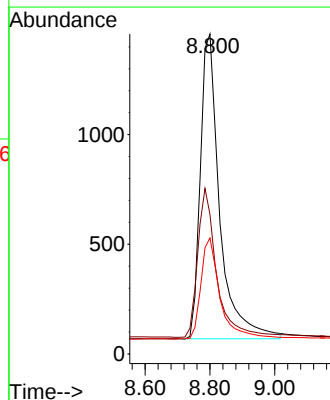
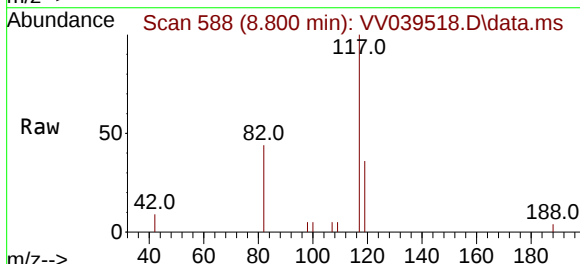
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VBLK239

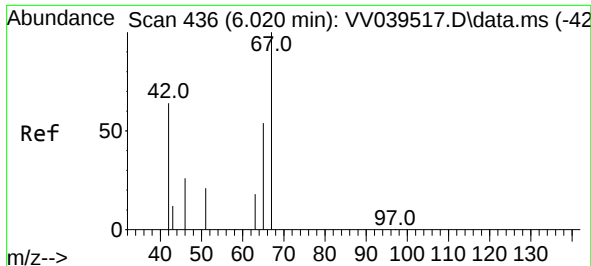
Tgt Ion: 65 Resp: 1886
Ion Ratio Lower Upper
65 100
67 51.6 32.5 60.3
51 41.7 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039518.D
Acq: 10 Dec 2025 09:36

Tgt Ion: 117 Resp: 5775
Ion Ratio Lower Upper
117 100
82 47.8 39.4 59.2
119 32.9 26.2 39.2

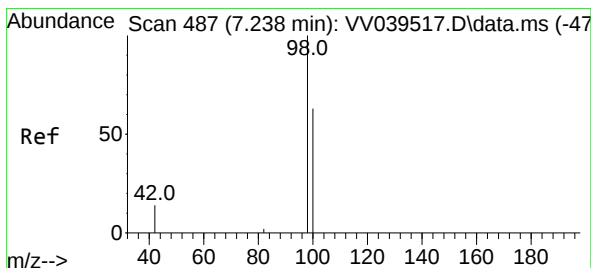
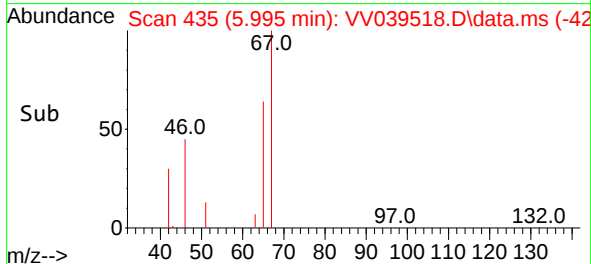
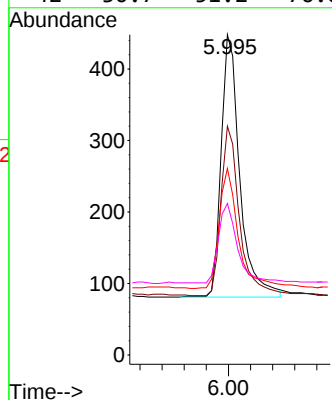
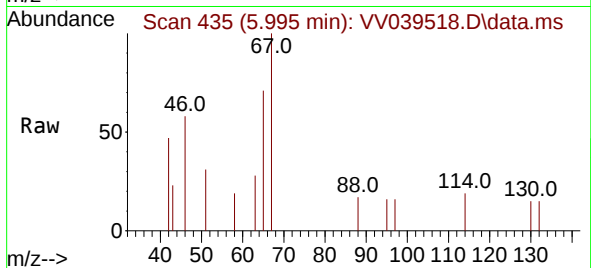




#7
1,2-Dichloropropane-d6
Concen: 0.441 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039518.D
Acq: 10 Dec 2025 09:36

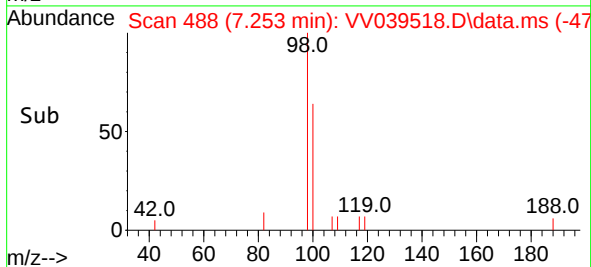
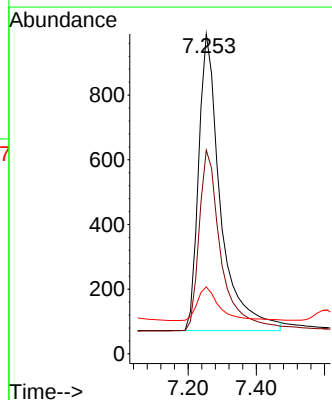
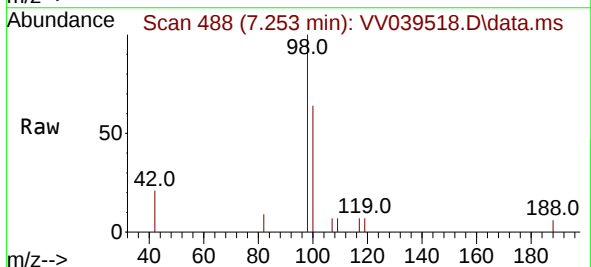
Instrument :
MSVOA_V
ClientSampleId :
VBLK239

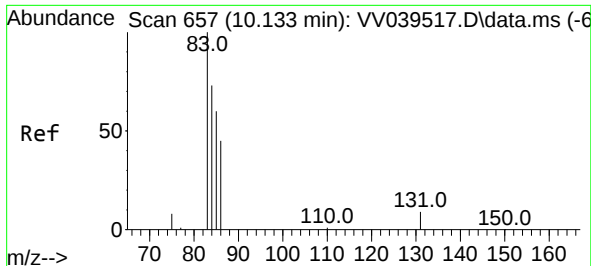
Tgt Ion:	67	Resp:	2149
Ion	Ratio	Lower	Upper
67	100		
65	64.0	37.9	56.9#
46	46.5	27.4	41.0#
42	30.7	51.2	76.8#



#8
Toluene-d8
Concen: 0.498 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039518.D
Acq: 10 Dec 2025 09:36

Tgt Ion:	98	Resp:	4093
Ion	Ratio	Lower	Upper
98	100		
100	60.7	44.5	82.7
42	11.3	10.1	18.7

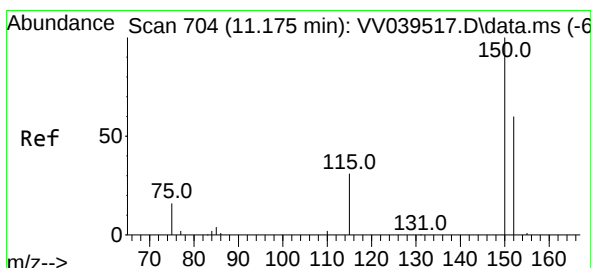
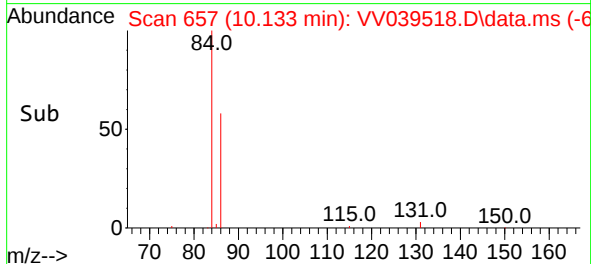
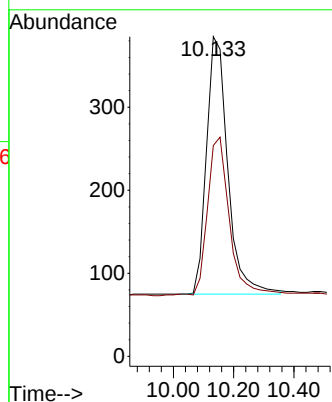
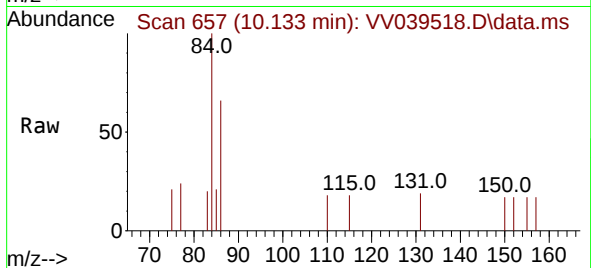




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.554 ug/L
RT: 10.133 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV039518.D
Acq: 10 Dec 2025 09:36

Instrument :
MSVOA_V
ClientSampleId :
VBLK239

Tgt Ion: 84 Resp: 1521
Ion Ratio Lower Upper
84 100
86 64.0 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: VV039518.D
Acq: 10 Dec 2025 09:36

Tgt Ion:152 Resp: 2945
Ion Ratio Lower Upper
152 100
115 55.2 0.0 101.6
150 160.1 0.0 396.2

