

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039523.D
 Acq On : 10 Dec 2025 11:58
 Operator : SY/MD
 Sample : VIBLK235
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK235

Quant Time: Dec 11 00:06:10 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	6888	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6489	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3380	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	4160	0.615	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	124.000%
4) 1,2-Dichloroethane-d4	4.970	65	1956	0.426	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.996	67	2289	0.418	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	4293	0.465	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1651	0.535	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%

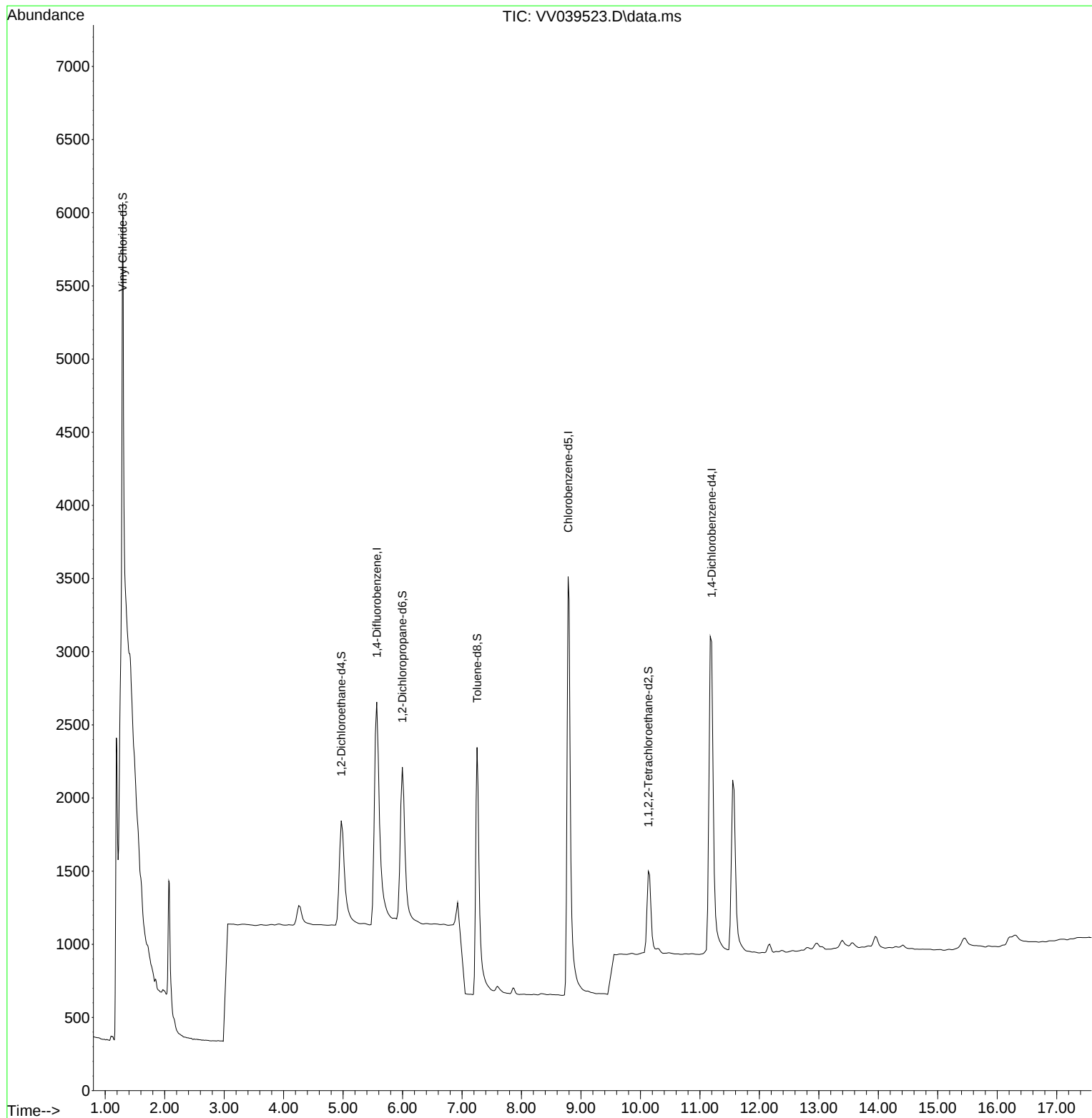
Target Compounds	Qvalue

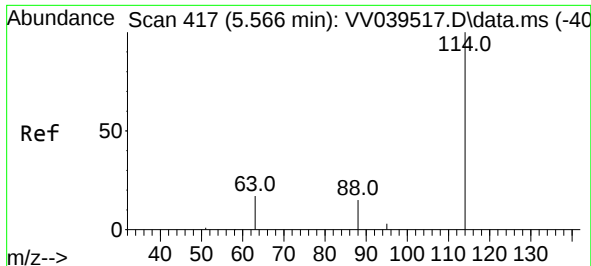
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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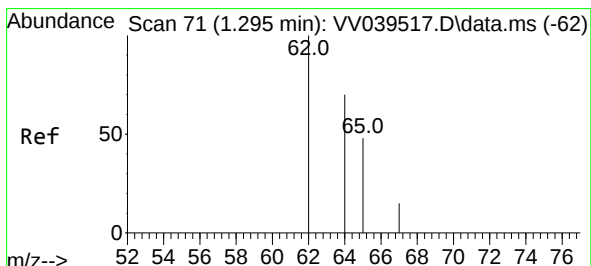
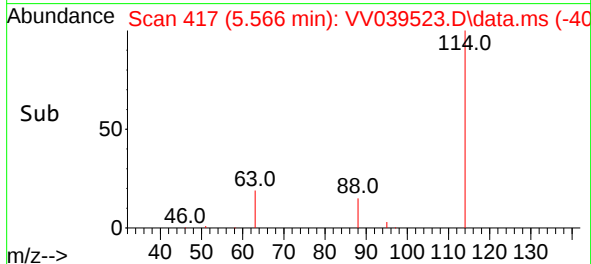
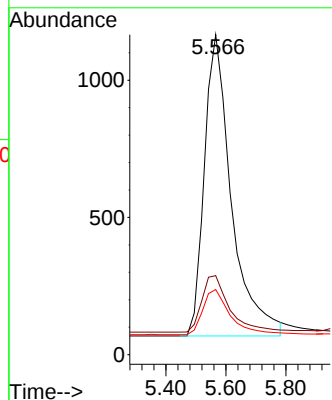
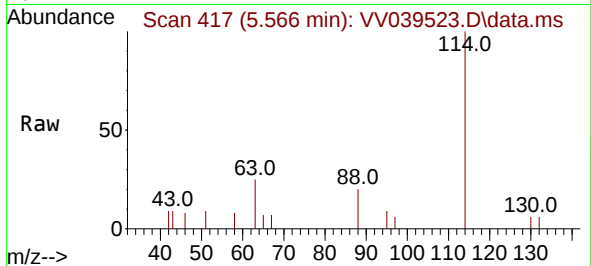




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039523.D
Acq: 10 Dec 2025 11:58

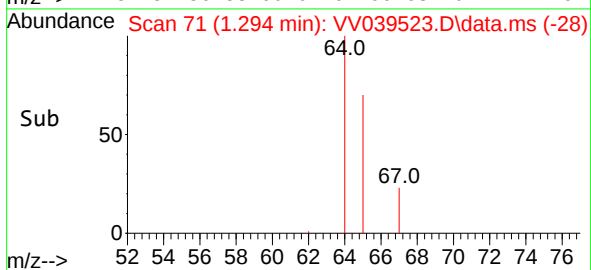
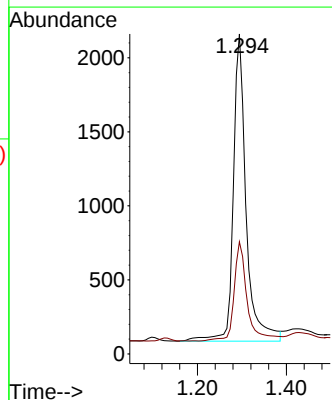
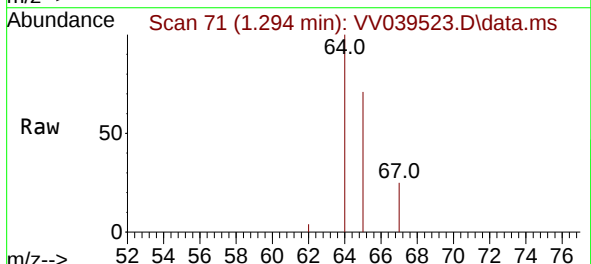
Instrument :
MSVOA_V
ClientSampleId :
VIBLK235

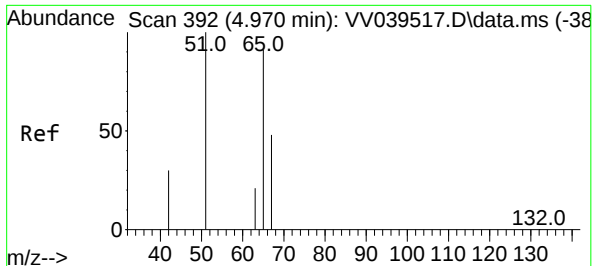
Tgt Ion:	114	Resp:	6888
Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.0	22.4
88	15.1	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.615 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039523.D
Acq: 10 Dec 2025 11:58

Tgt Ion:	65	Resp:	4160
Ion	Ratio	Lower	Upper
65	100		
67	33.4	22.3	41.5

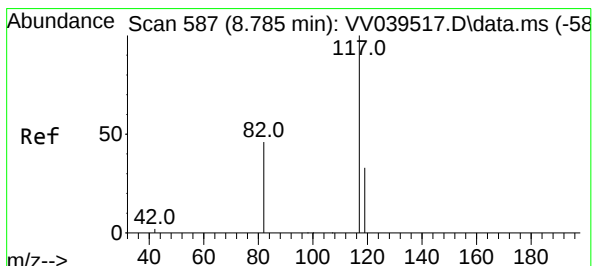
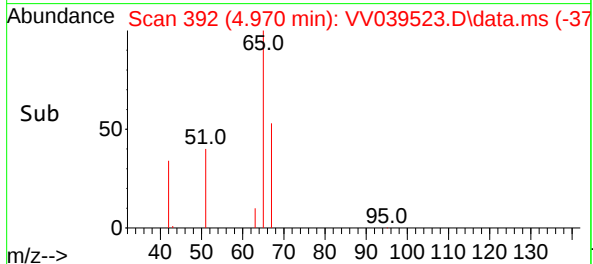
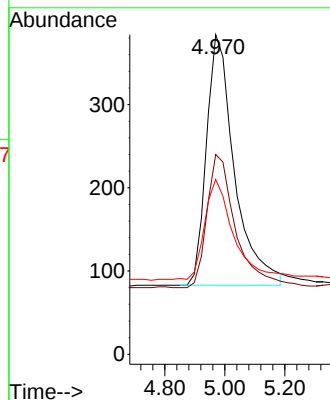
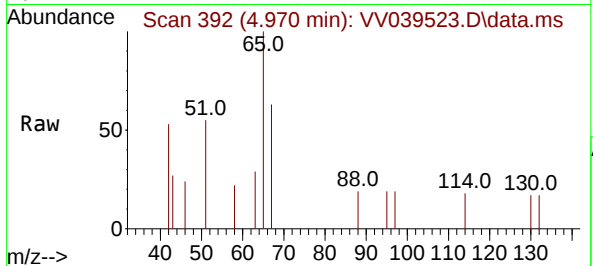




#4
1,2-Dichloroethane-d4
Concen: 0.426 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039523.D
Acq: 10 Dec 2025 11:58

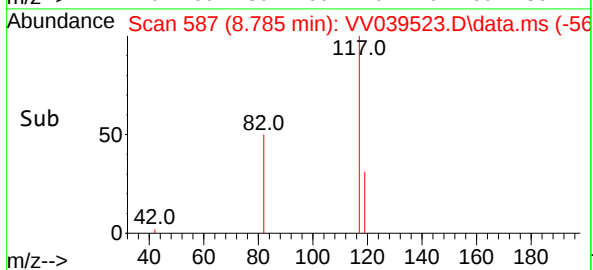
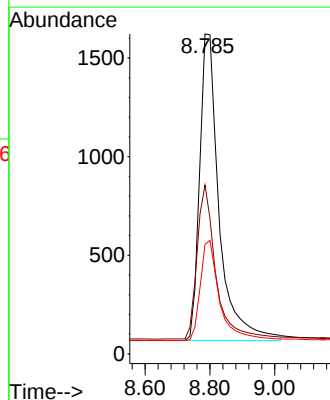
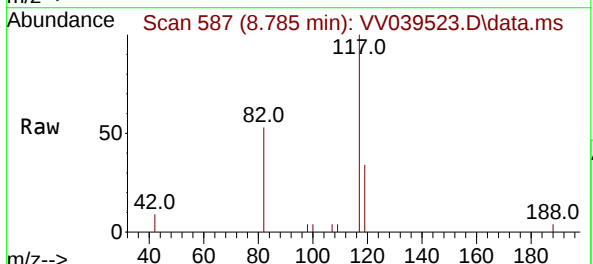
Instrument :
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ClientSampleId :
VIBLK235

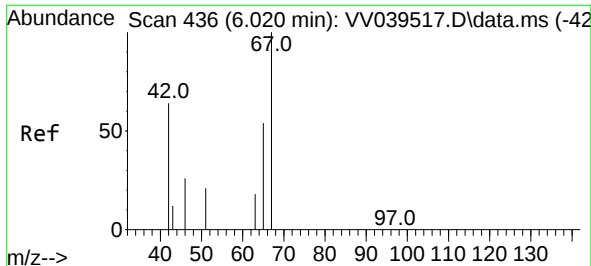
Tgt Ion: 65 Resp: 1956
Ion Ratio Lower Upper
65 100
67 54.1 32.5 60.3
51 42.0 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039523.D
Acq: 10 Dec 2025 11:58

Tgt Ion: 117 Resp: 6489
Ion Ratio Lower Upper
117 100
82 48.5 39.4 59.2
119 32.4 26.2 39.2

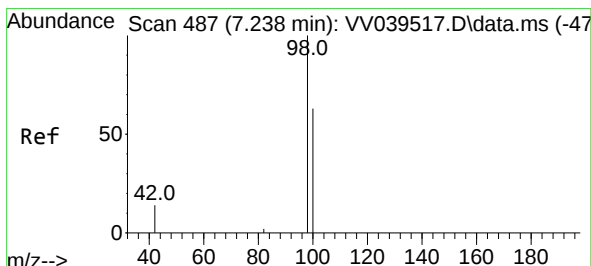
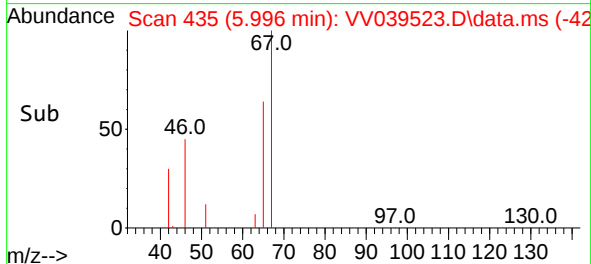
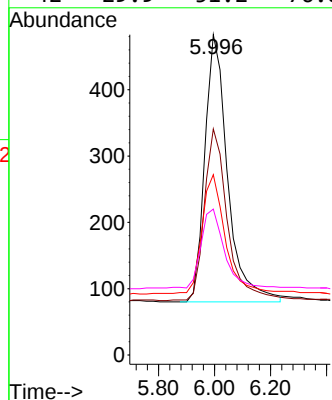
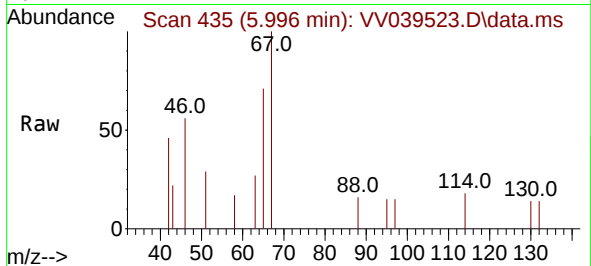




#7
1,2-Dichloropropane-d6
Concen: 0.418 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039523.D
Acq: 10 Dec 2025 11:58

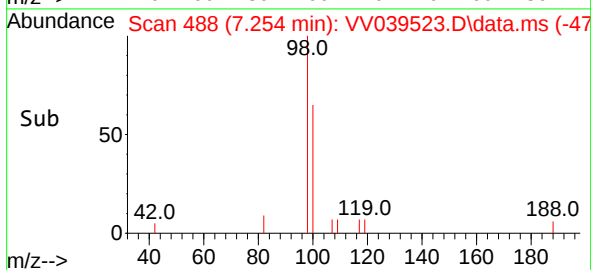
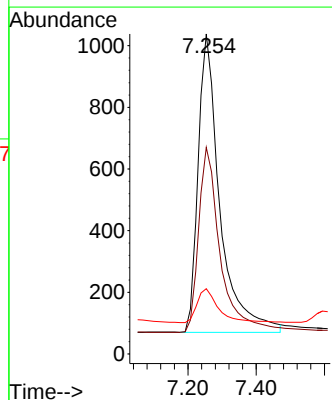
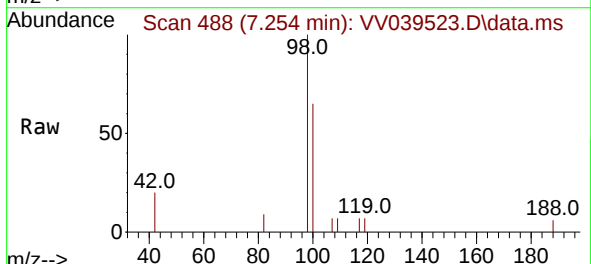
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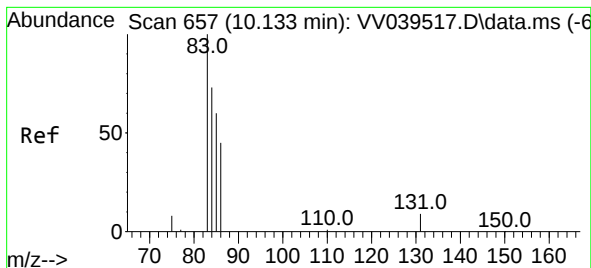
Tgt Ion:	67	Resp:	2289
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	45.8	27.4	41.0#
42	29.9	51.2	76.8#



#8
Toluene-d8
Concen: 0.465 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039523.D
Acq: 10 Dec 2025 11:58

Tgt Ion:	98	Resp:	4293
Ion	Ratio	Lower	Upper
98	100		
100	61.7	44.5	82.7
42	11.1	10.1	18.7

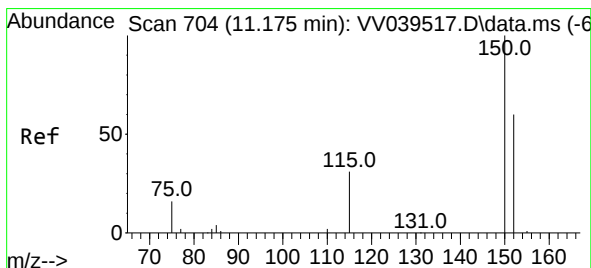
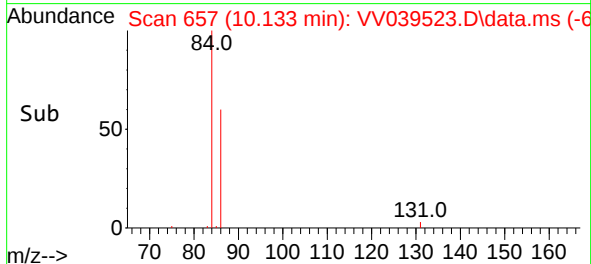
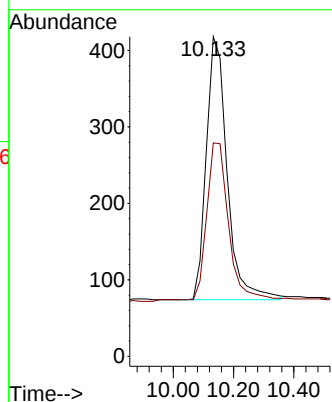
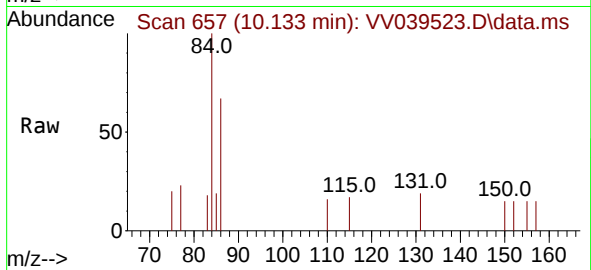




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.535 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039523.D
Acq: 10 Dec 2025 11:58

Instrument :
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Tgt Ion: 84 Resp: 1651
Ion Ratio Lower Upper
84 100
86 61.4 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: VV039523.D
Acq: 10 Dec 2025 11:58

Tgt Ion:152 Resp: 3380
Ion Ratio Lower Upper
152 100
115 54.7 0.0 101.6
150 158.6 0.0 396.2

