

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)

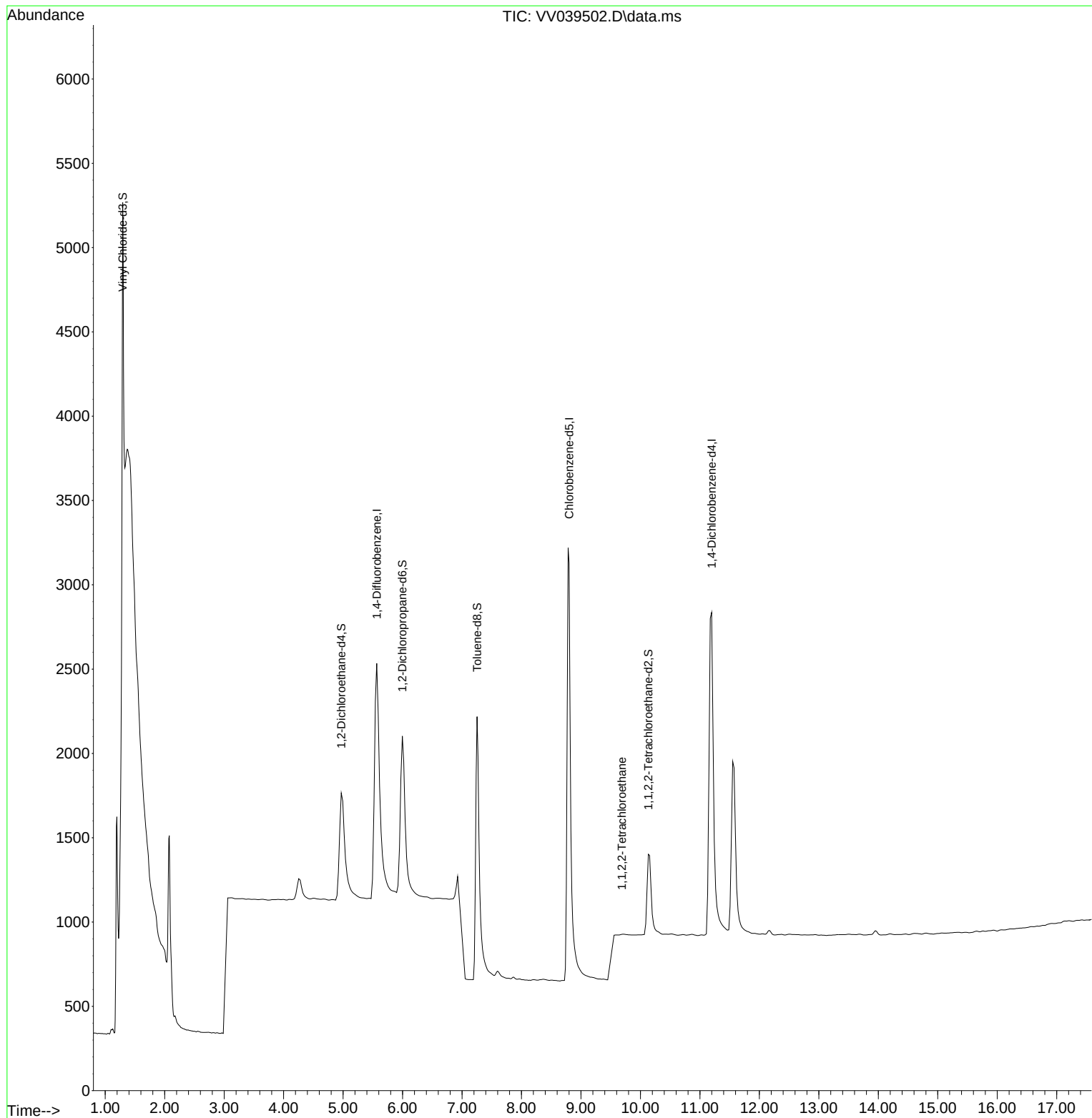
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6387	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	5976	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	3086	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3547	0.566	ug/L	0.00
Spiked Amount 0.500	Range 40 - 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	
11) 1,1,2,2-Tetrachloroethane	9.689	83	2017	0.336	ug/L #	72

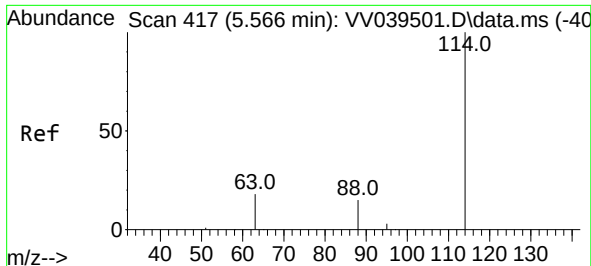
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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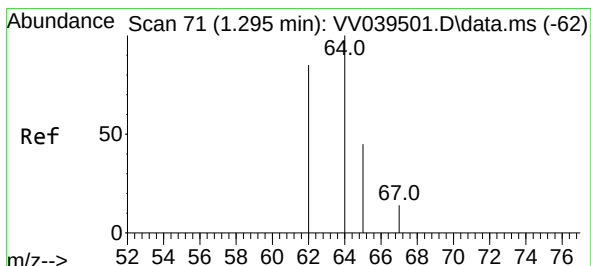
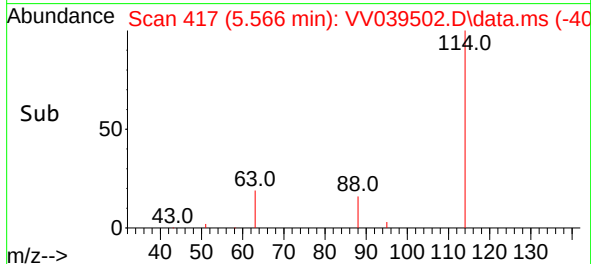
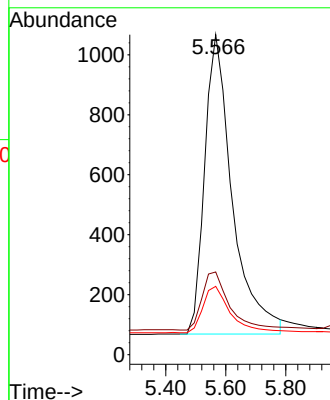
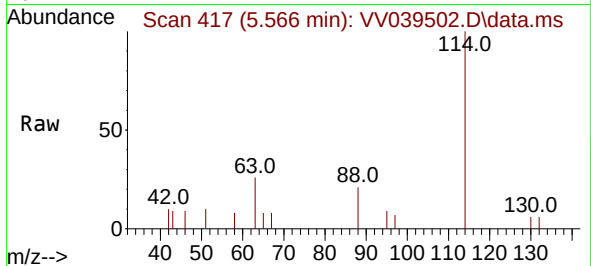




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039502.D
 Acq: 09 Dec 2025 14:29

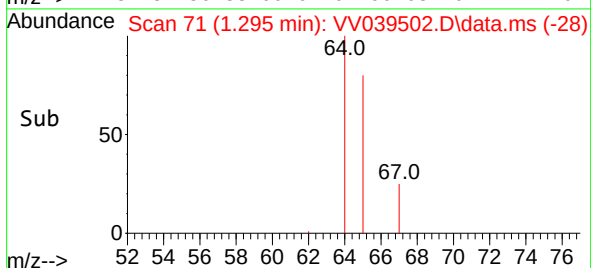
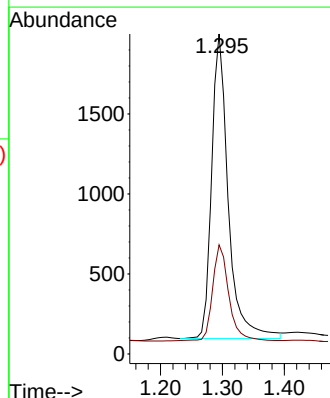
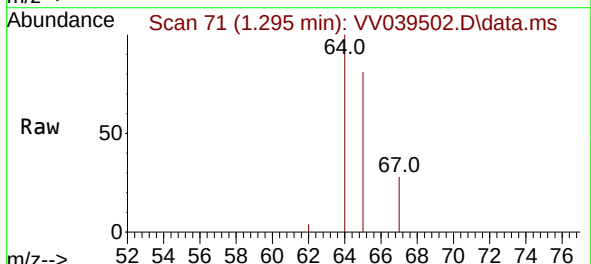
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK238

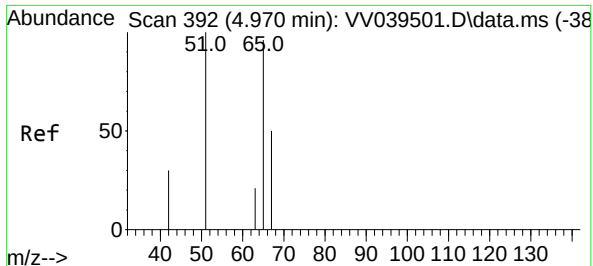
Tgt Ion:	114	Resp:	6387
Ion	Ratio	Lower	Upper
114	100		
63	19.4	15.0	22.4
88	15.4	12.0	18.0



#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

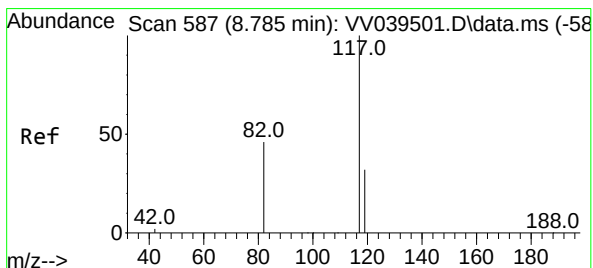
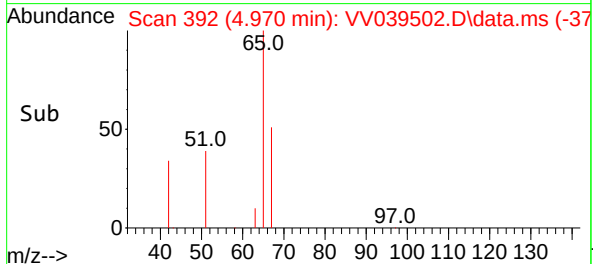
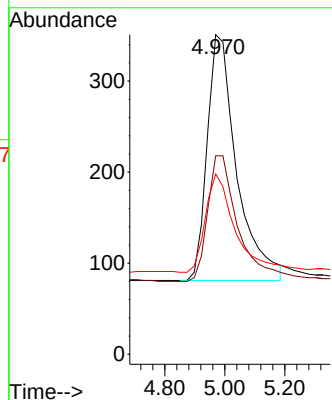
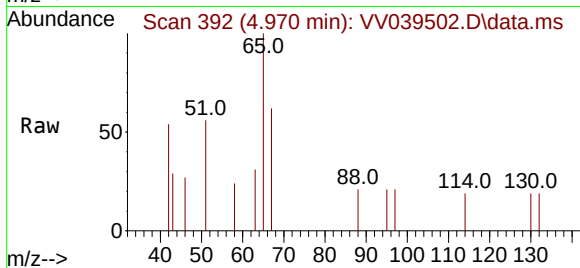




#4
1,2-Dichloroethane-d4
Concen: 0.435 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

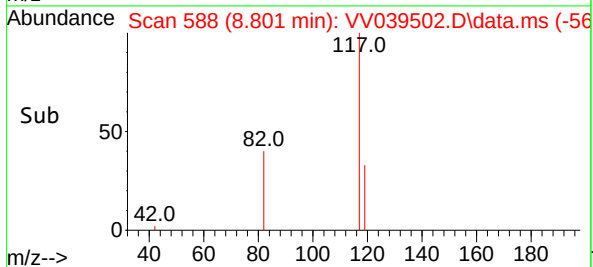
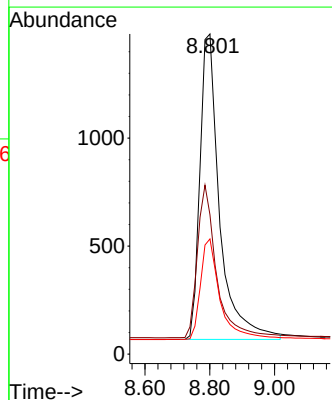
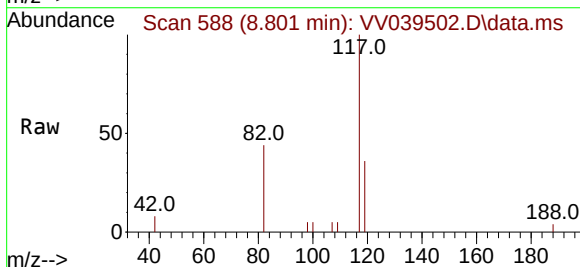
Instrument :
MSVOA_V
ClientSampleId :
VBLK238

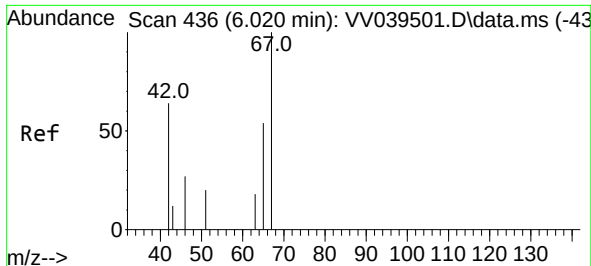
Tgt Ion: 65 Resp: 1848
Ion Ratio Lower Upper
65 100
67 52.3 32.5 60.3
51 39.8 121.4 225.6#



#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

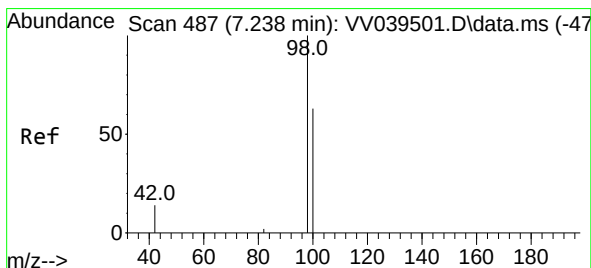
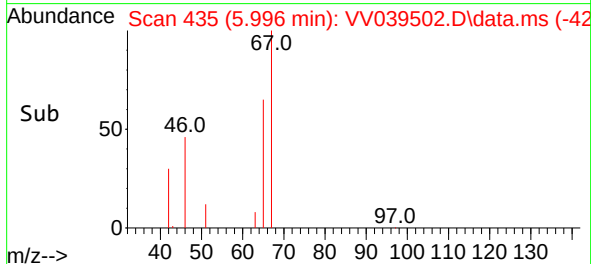
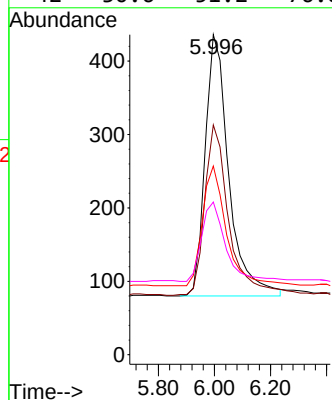
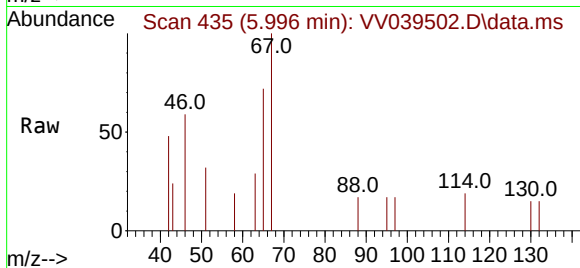




#7
1,2-Dichloropropane-d6
Concen: 0.415 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

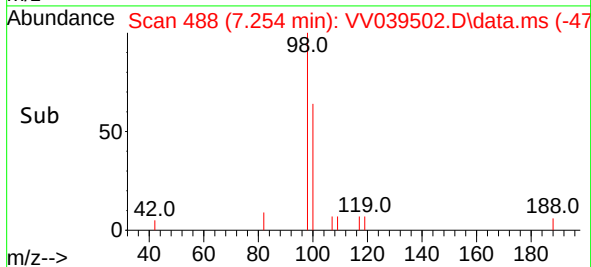
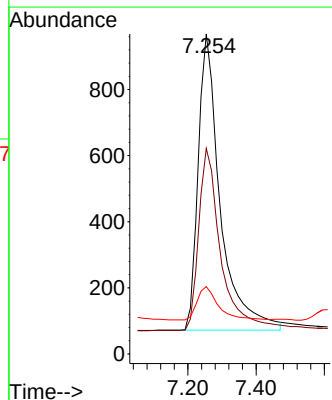
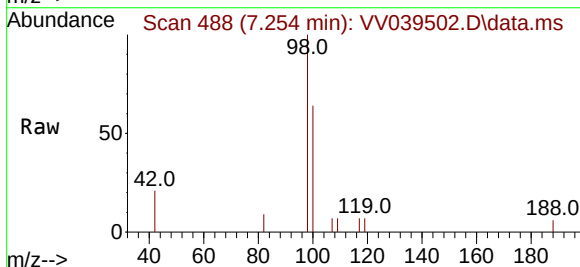
Instrument :
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ClientSampleId :
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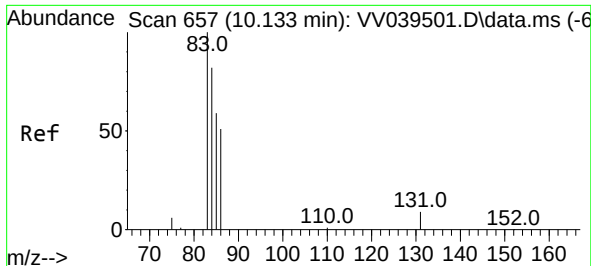
Tgt Ion:	67	Resp:	2092
Ion	Ratio	Lower	Upper
67	100		
65	65.8	37.9	56.9#
46	46.0	27.4	41.0#
42	30.6	51.2	76.8#



#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

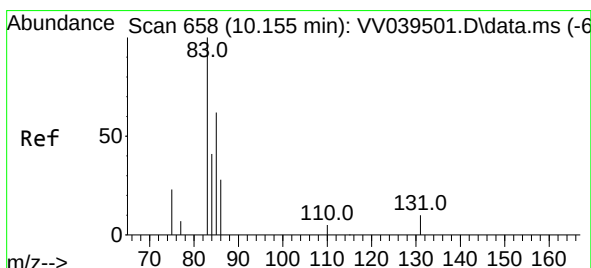
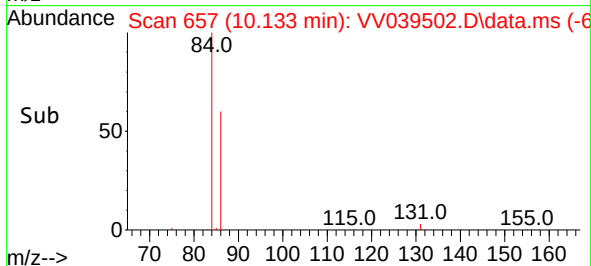
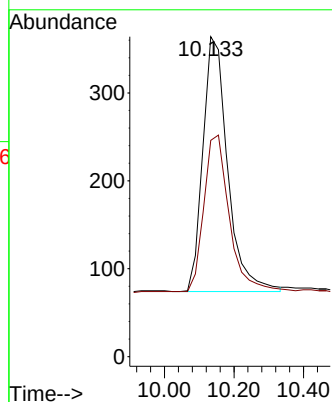
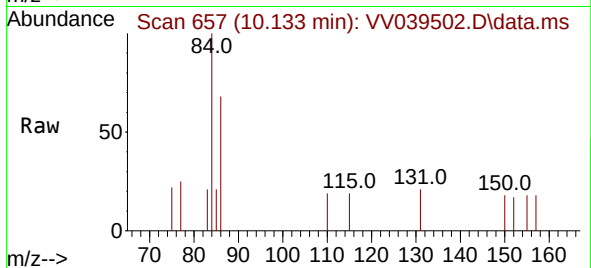




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.506 ug/L
RT: 10.133 min Scan# 610
Delta R.T. 0.000 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

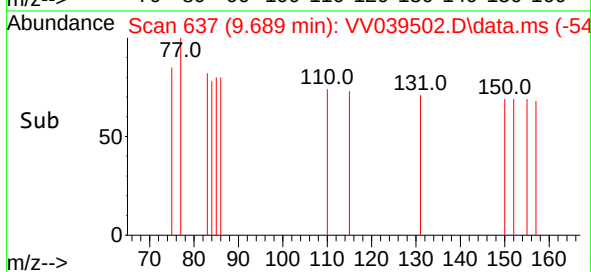
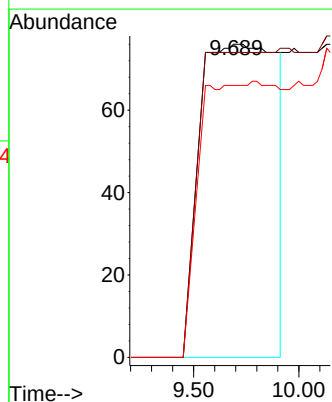
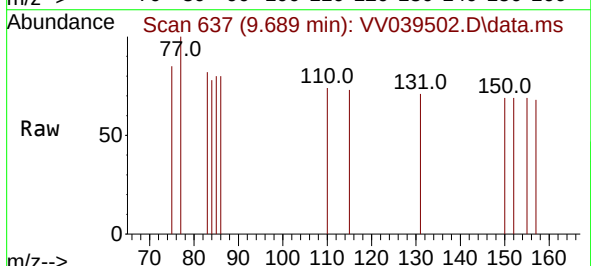
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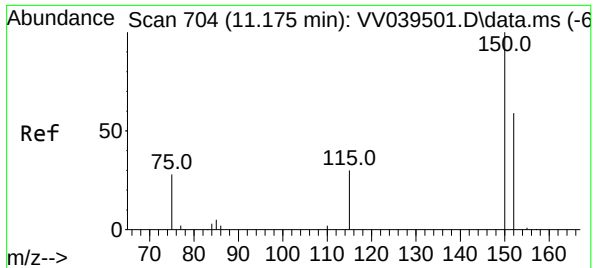
Tgt Ion: 84 Resp: 1438
Ion Ratio Lower Upper
84 100
86 62.9 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.336 ug/L
RT: 9.689 min Scan# 637
Delta R.T. -0.466 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

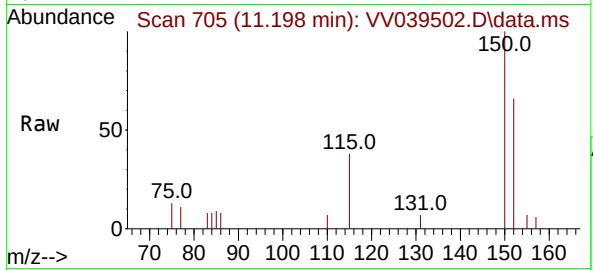
Tgt Ion: 83 Resp: 2017
Ion Ratio Lower Upper
83 100
85 43.4 51.0 76.6#
131 24.3 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.198 min Scan# 70
 Delta R.T. 0.023 min
 Lab File: VV039502.D
 Acq: 09 Dec 2025 14:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK238



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

