

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039514.D
 Acq On : 09 Dec 2025 18:51
 Operator : SY/MD
 Sample : Q3757-14
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Dec 10 01:18:44 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)

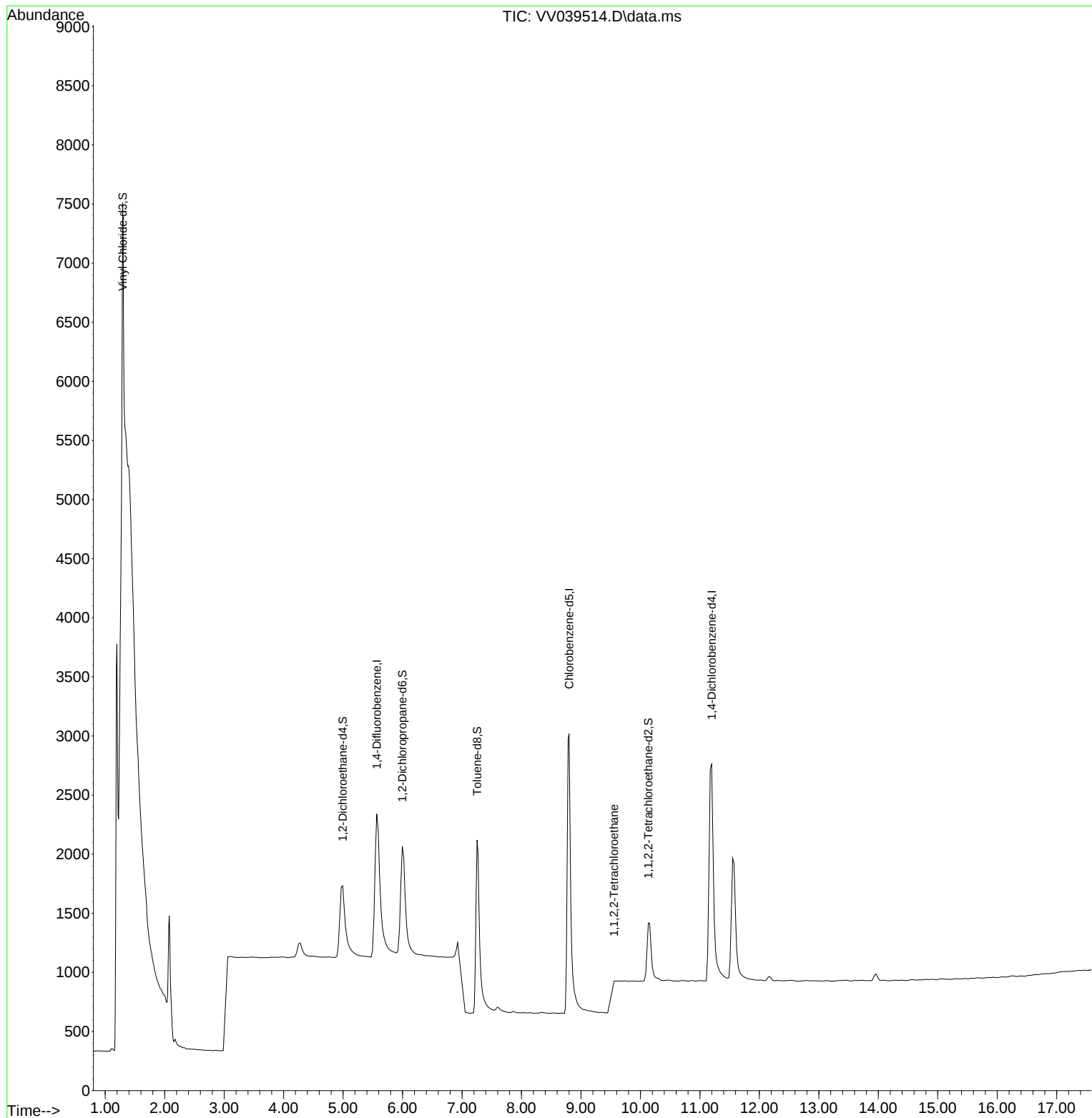
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5508	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5536	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	2897	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3768	0.697	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 140.000%#	
4) 1,2-Dichloroethane-d4	4.994	65	1787	0.487	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 98.000%	
7) 1,2-Dichloropropane-d6	5.996	67	2060	0.441	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 88.000%	
8) Toluene-d8	7.254	98	3801	0.482	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 96.000%	
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1502	0.571	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 114.000%	
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.556	83	289	0.052	ug/L	Qvalue # 1

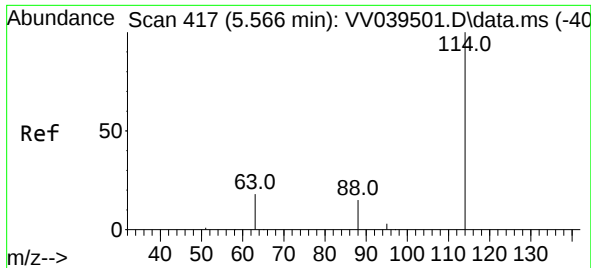
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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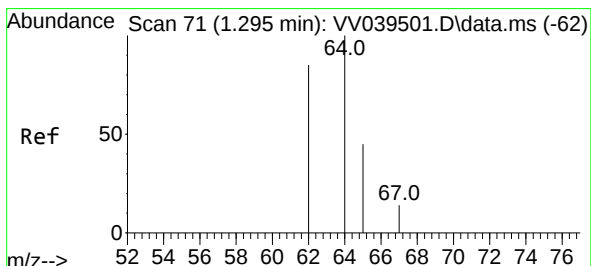
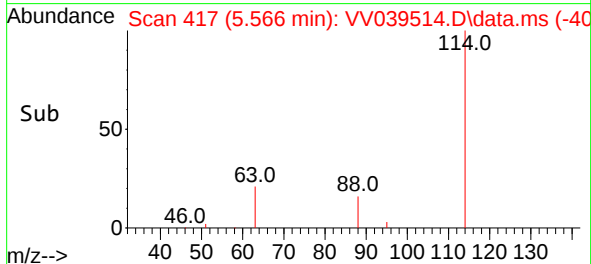
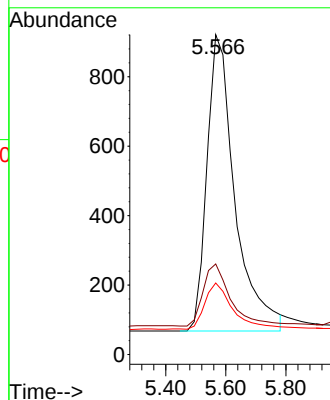
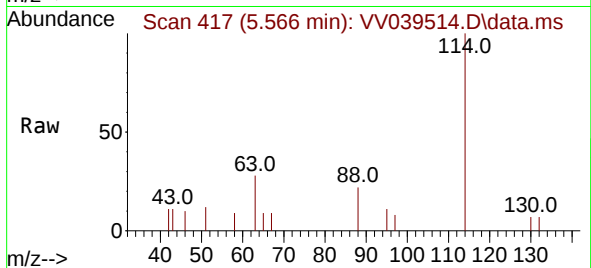




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039514.D
 Acq: 09 Dec 2025 18:51

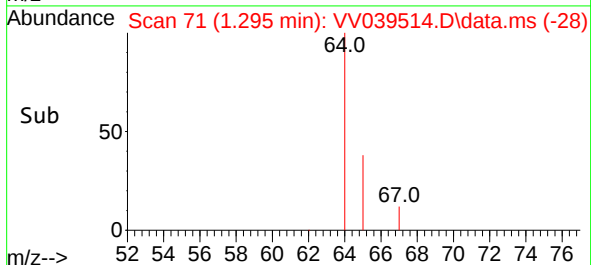
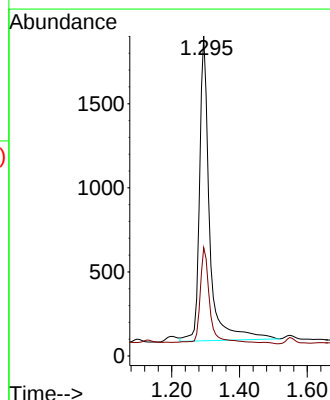
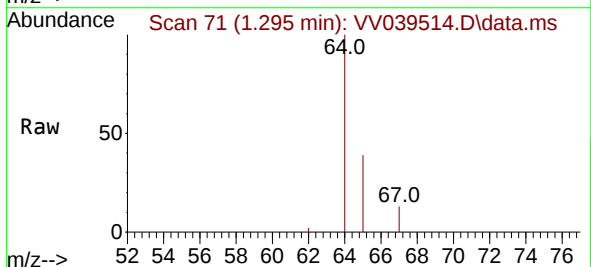
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

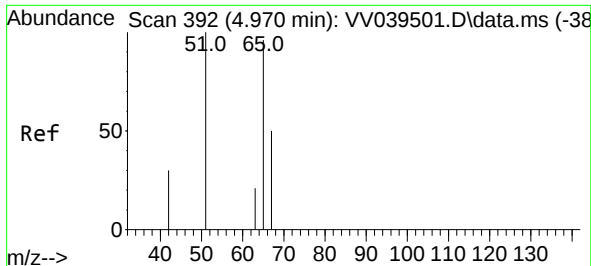
Tgt Ion:	114	Resp:	5508
Ion	Ratio	Lower	Upper
114	100		
63	20.6	15.0	22.4
88	15.6	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.697 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039514.D
 Acq: 09 Dec 2025 18:51

Tgt Ion:	65	Resp:	3768
Ion	Ratio	Lower	Upper
65	100		
67	28.6	22.3	41.5

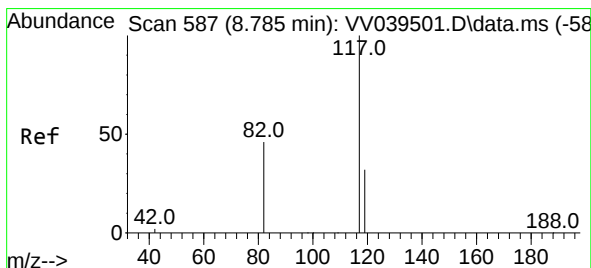
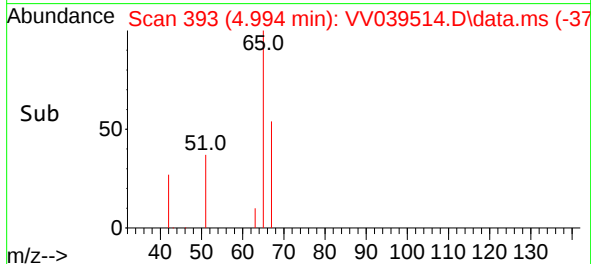
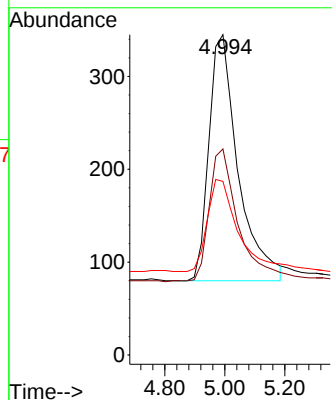
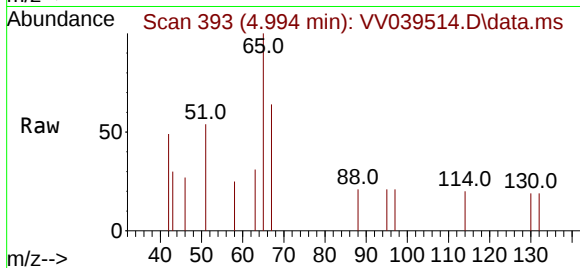




#4
1,2-Dichloroethane-d4
Concen: 0.487 ug/L
RT: 4.994 min Scan# 393
Delta R.T. 0.025 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

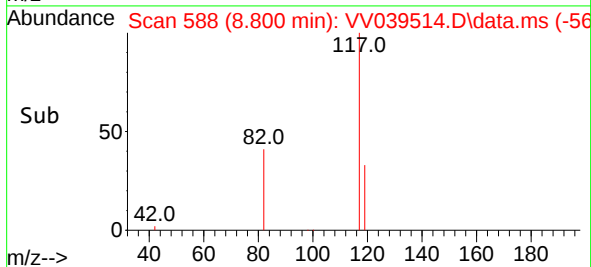
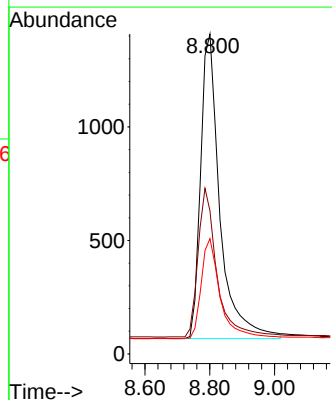
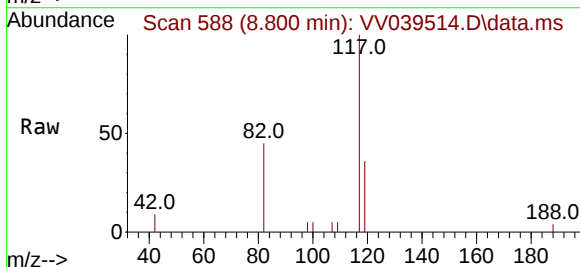
Instrument :
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ClientSampleId :
VHBLK001

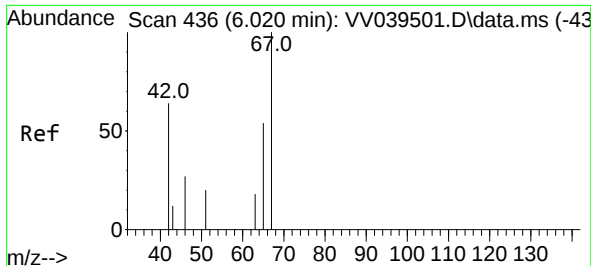
Tgt Ion: 65 Resp: 1787
Ion Ratio Lower Upper
65 100
67 53.8 32.5 60.3
51 39.1 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

Tgt Ion: 117 Resp: 5536
Ion Ratio Lower Upper
117 100
82 47.9 39.4 59.2
119 32.6 26.2 39.2

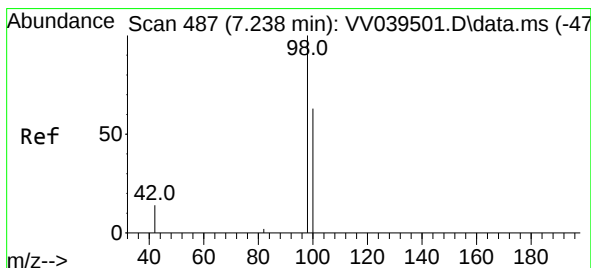
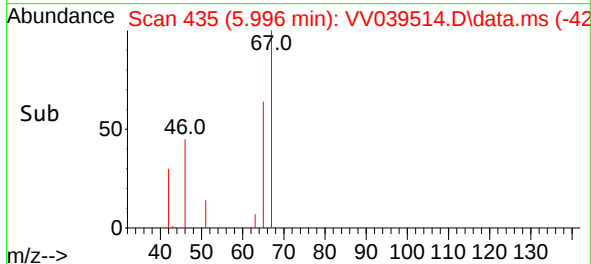
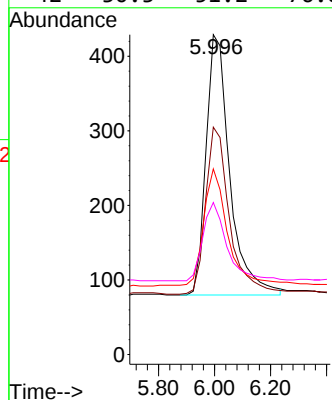
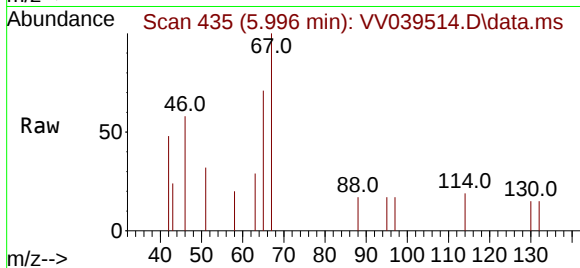




#7
1,2-Dichloropropane-d6
Concen: 0.441 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

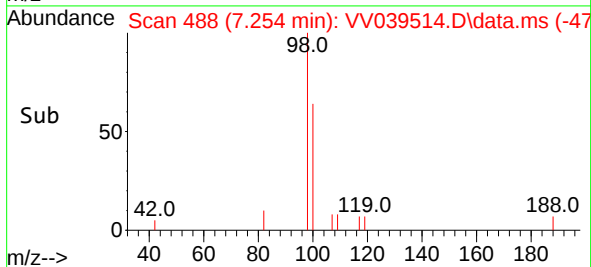
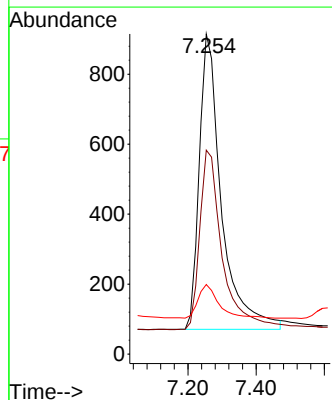
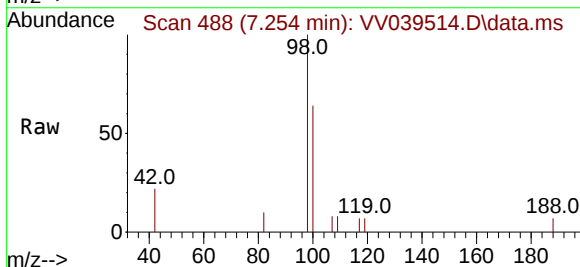
Instrument :
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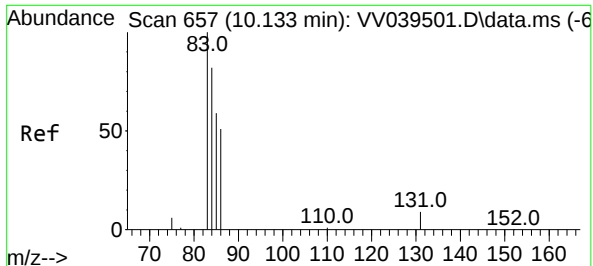
Tgt Ion:	67	Resp:	2060
Ion	Ratio	Lower	Upper
67	100		
65	64.5	37.9	56.9#
46	45.7	27.4	41.0#
42	30.3	51.2	76.8#



#8
Toluene-d8
Concen: 0.482 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

Tgt Ion:	98	Resp:	3801
Ion	Ratio	Lower	Upper
98	100		
100	61.6	44.5	82.7
42	10.5	10.1	18.7

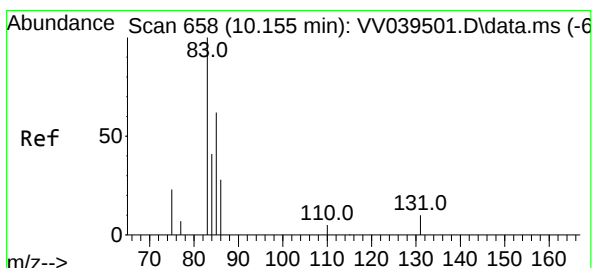
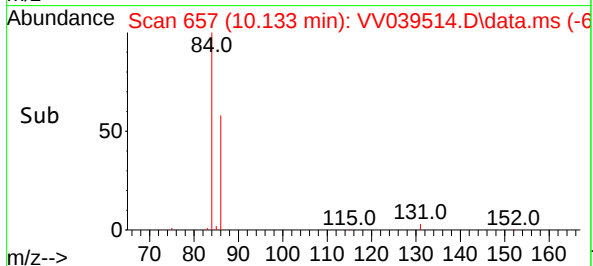
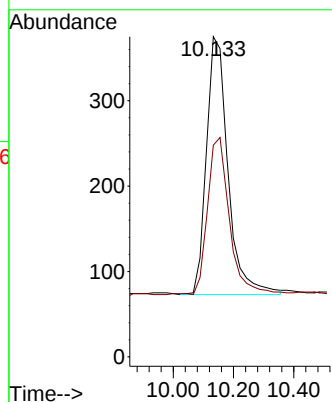
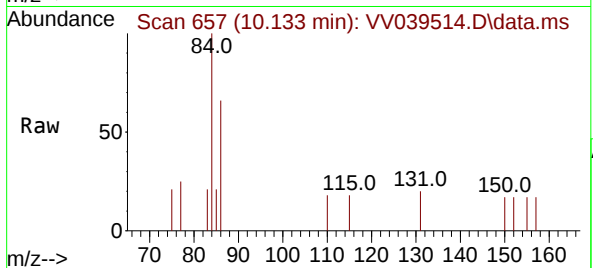




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.571 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

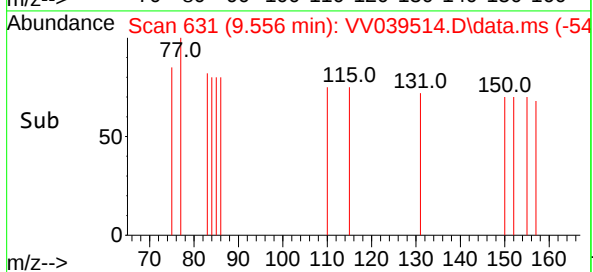
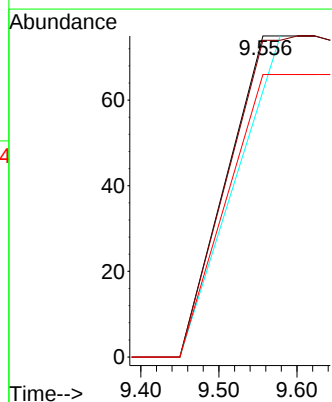
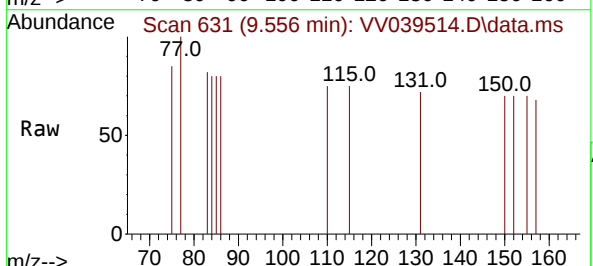
Instrument :
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ClientSampleId :
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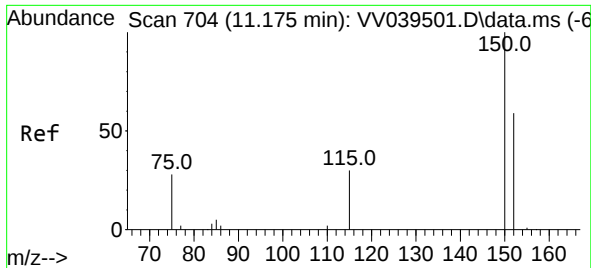
Tgt Ion: 84 Resp: 1502
Ion Ratio Lower Upper
84 100
86 61.6 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.052 ug/L
RT: 9.556 min Scan# 631
Delta R.T. -0.599 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

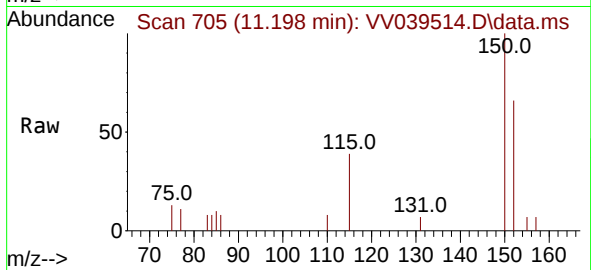
Tgt Ion: 83 Resp: 289
Ion Ratio Lower Upper
83 100
85 519.7 51.0 76.6#
131 87.9 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.198 min Scan# 70
 Delta R.T. 0.022 min
 Lab File: VV039514.D
 Acq: 09 Dec 2025 18:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001



Tgt Ion:152 Resp: 2897
 Ion Ratio Lower Upper
 152 100
 115 55.4 0.0 101.6
 150 159.1 0.0 396.2

