

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039513.D
 Acq On : 09 Dec 2025 18:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK234

Quant Time: Dec 10 01:18:33 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)

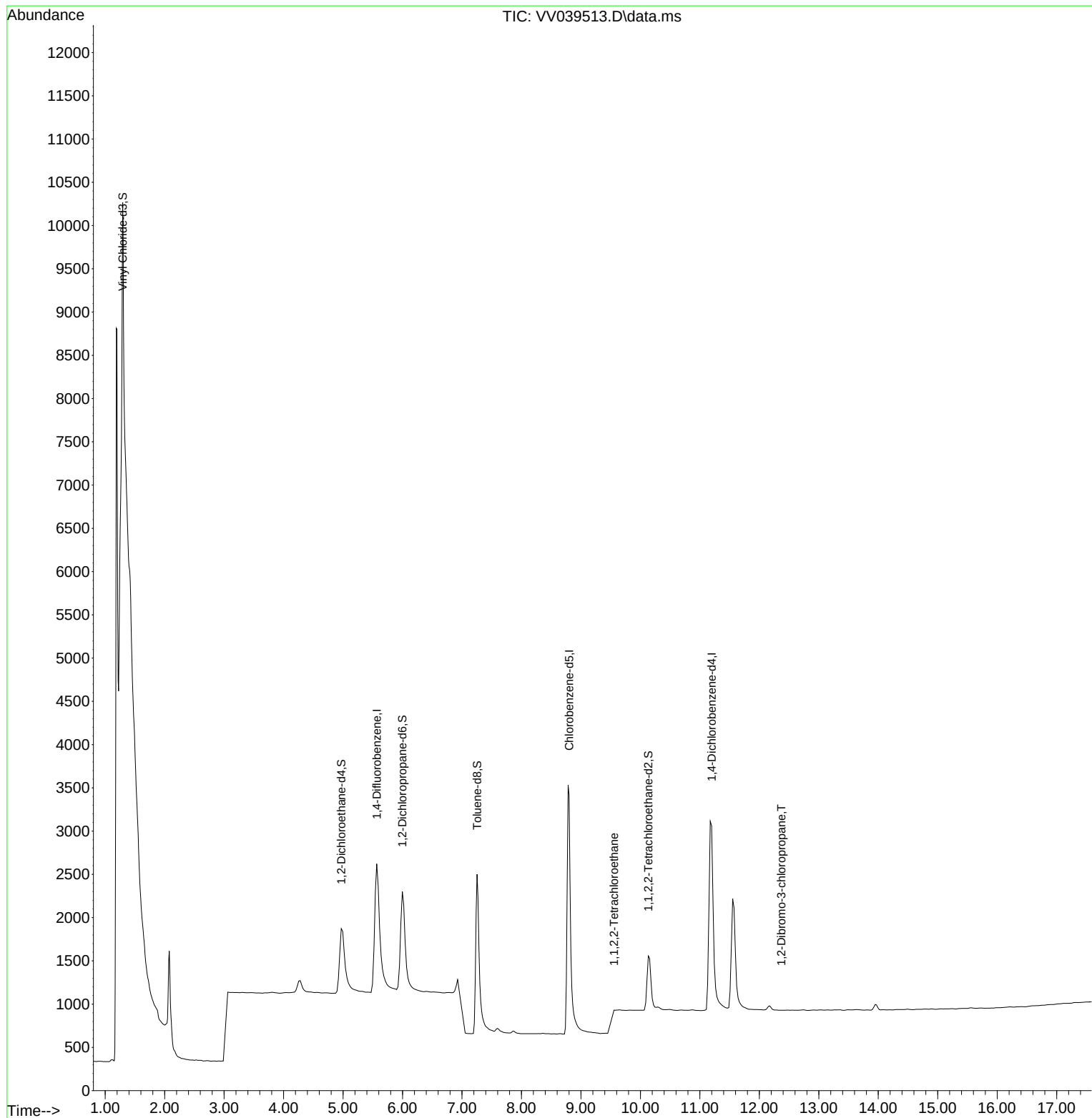
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6617	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	6502	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	3405	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	4169	0.642	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	128.000%
4) 1,2-Dichloroethane-d4	4.970	65	2126	0.482	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	5.996	67	2475	0.451	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	90.000%
8) Toluene-d8	7.254	98	4618	0.499	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1820	0.589	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	118.000%
Target Compounds						Qvalue
11) 1,1,2,2-Tetrachloroethane	9.556	83	558	0.086	ug/L	# 1
14) 1,2-Dibromo-3-chloropr...	12.373	75	15	0.021	ug/L	96

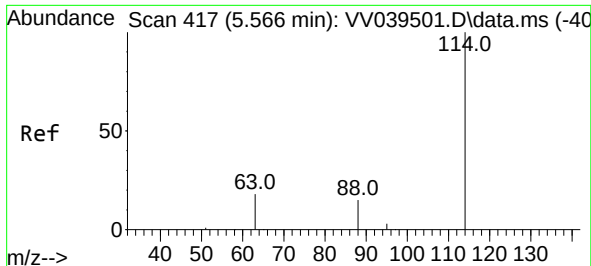
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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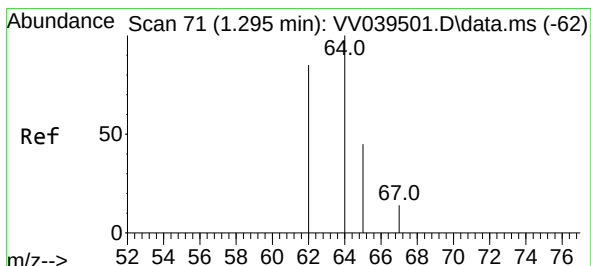
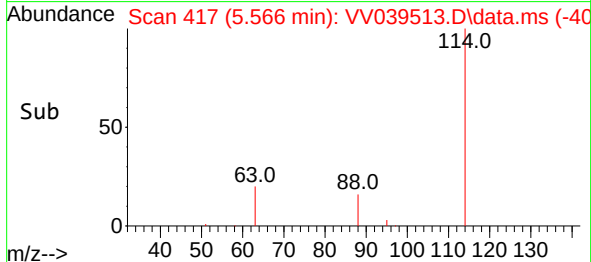
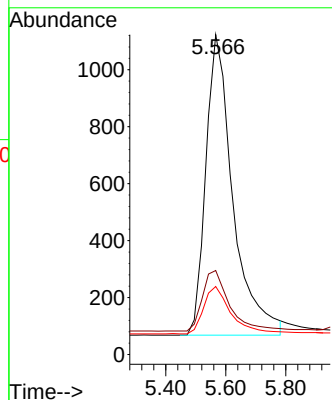
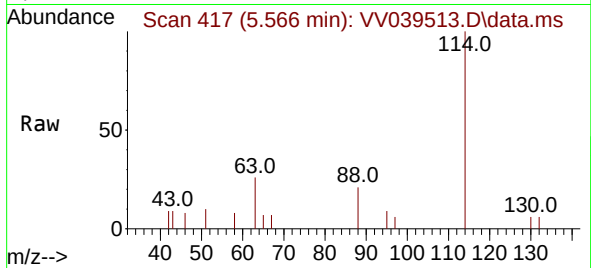




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039513.D
 Acq: 09 Dec 2025 18:30

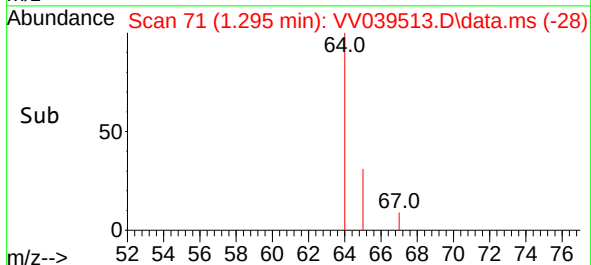
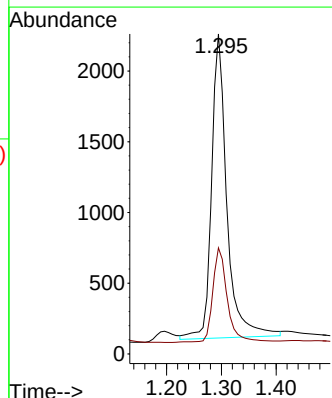
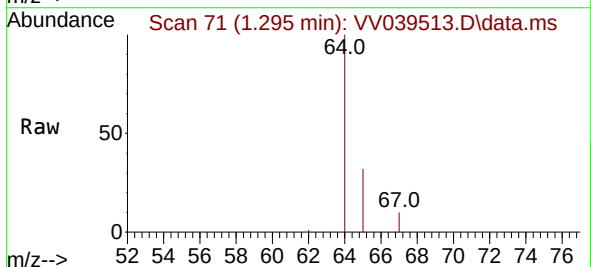
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK234

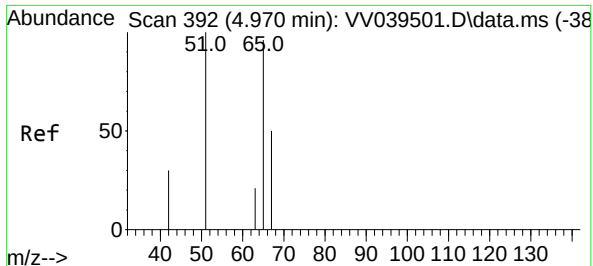
Tgt Ion:	114	Resp:	6617
Ion	Ratio	Lower	Upper
114	100		
63	20.3	15.0	22.4
88	15.8	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.642 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039513.D
 Acq: 09 Dec 2025 18:30

Tgt Ion:	65	Resp:	4169
Ion	Ratio	Lower	Upper
65	100		
67	30.1	22.3	41.5

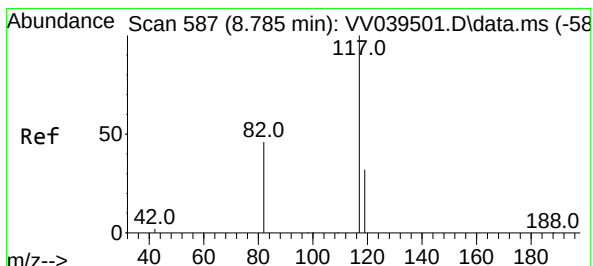
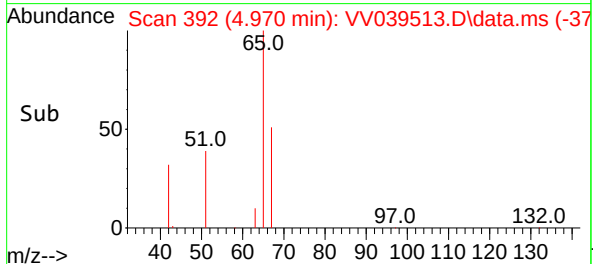
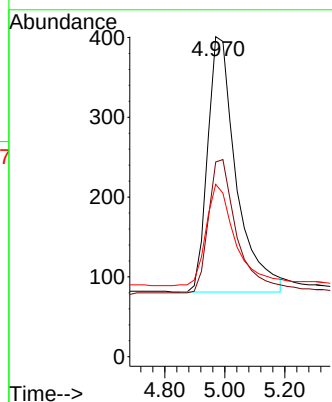
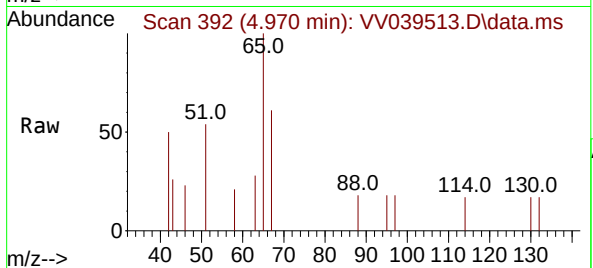




#4
1,2-Dichloroethane-d4
Concen: 0.482 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

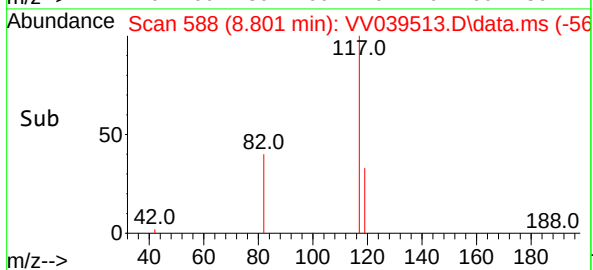
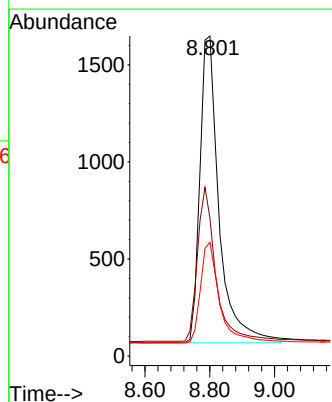
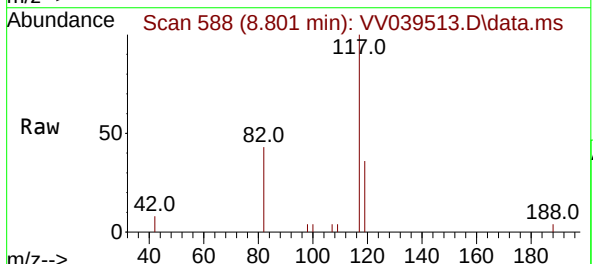
Instrument :
MSVOA_V
ClientSampleId :
VIBLK234

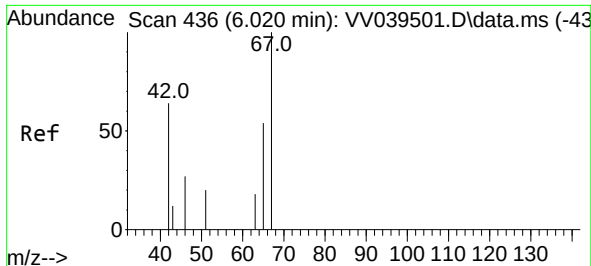
Tgt Ion: 65 Resp: 2126
Ion Ratio Lower Upper
65 100
67 51.8 32.5 60.3
51 40.5 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Tgt Ion: 117 Resp: 6502
Ion Ratio Lower Upper
117 100
82 48.4 39.4 59.2
119 32.3 26.2 39.2

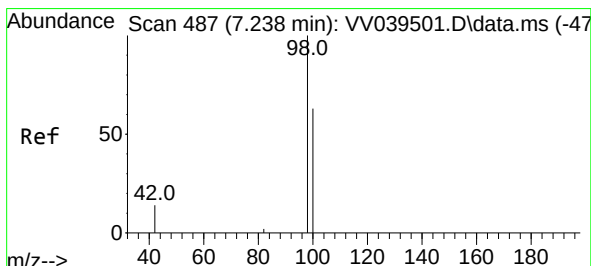
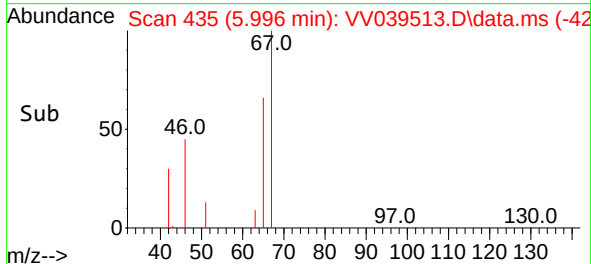
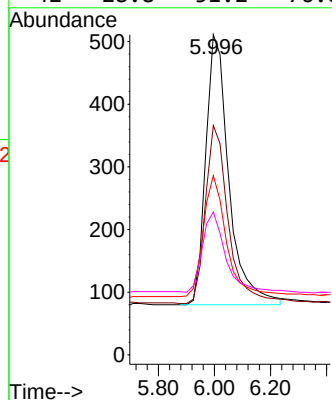
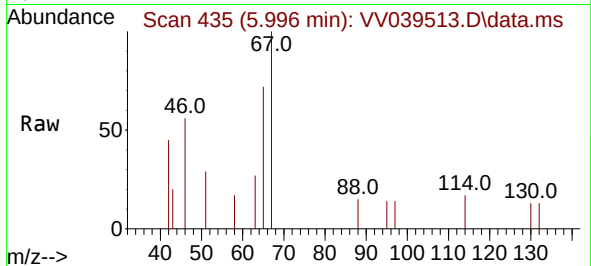




#7
1,2-Dichloropropane-d6
Concen: 0.451 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

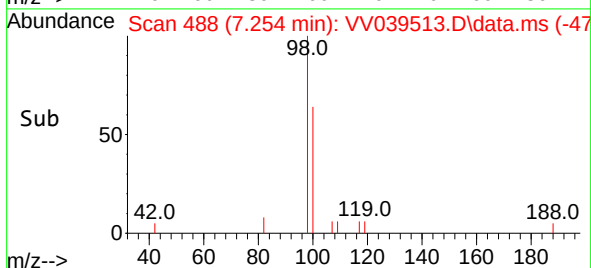
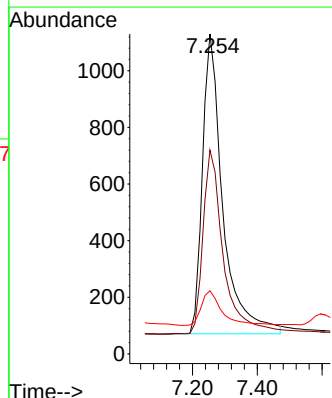
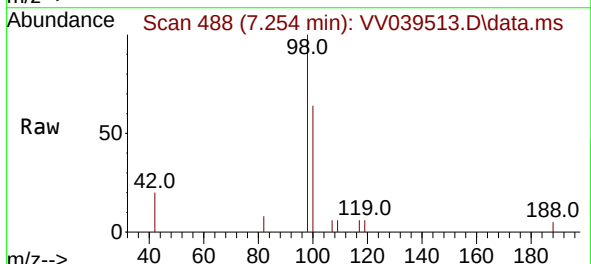
Instrument :
MSVOA_V
ClientSampleId :
VIBLK234

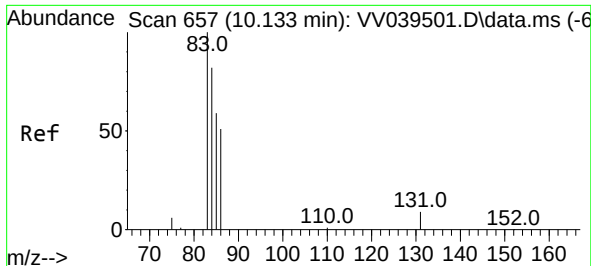
Tgt Ion:	67	Resp:	2475
Ion	Ratio	Lower	Upper
67	100		
65	65.1	37.9	56.9#
46	44.8	27.4	41.0#
42	28.8	51.2	76.8#



#8
Toluene-d8
Concen: 0.499 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Tgt Ion:	98	Resp:	4618
Ion	Ratio	Lower	Upper
98	100		
100	61.2	44.5	82.7
42	11.6	10.1	18.7

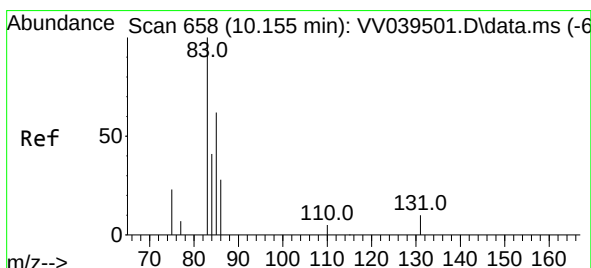
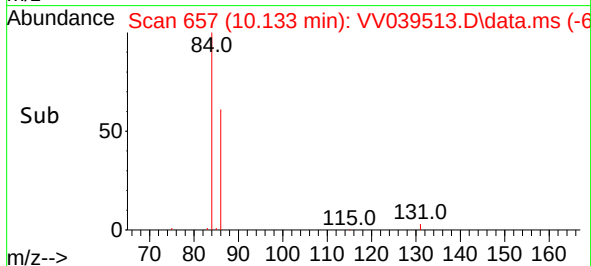
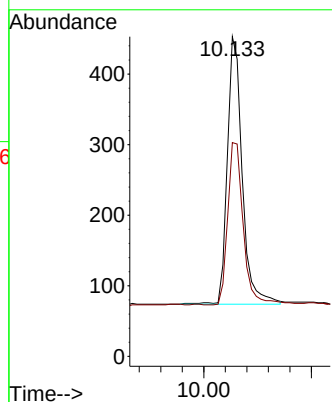
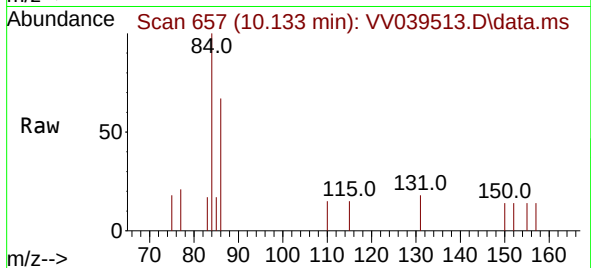




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.589 ug/L
RT: 10.133 min Scan# 610
Delta R.T. 0.000 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

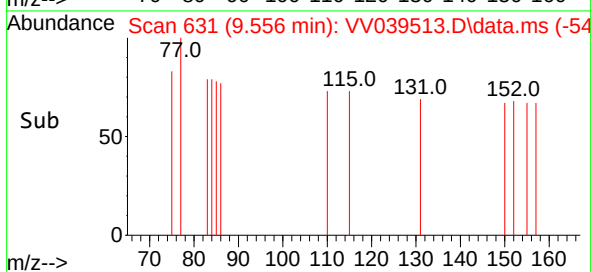
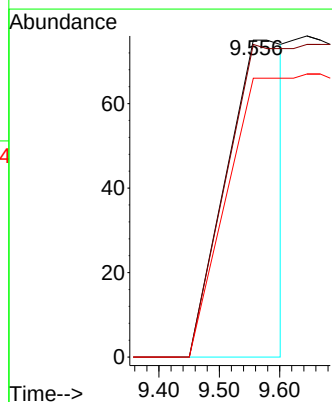
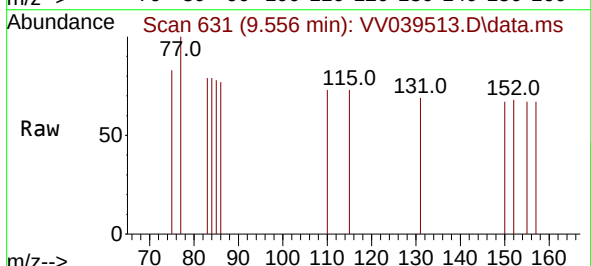
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ClientSampleId :
VIBLK234

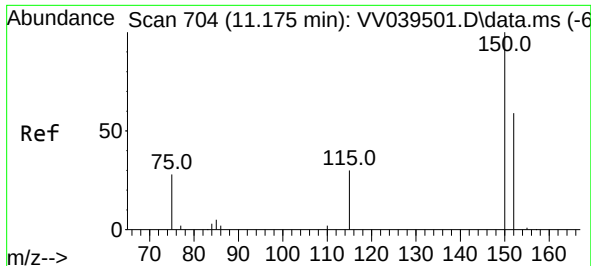
Tgt Ion: 84 Resp: 1820
Ion Ratio Lower Upper
84 100
86 63.3 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.086 ug/L
RT: 9.556 min Scan# 631
Delta R.T. -0.599 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Tgt Ion: 83 Resp: 558
Ion Ratio Lower Upper
83 100
85 98.2 51.0 76.6#
131 175.6 8.6 12.8#

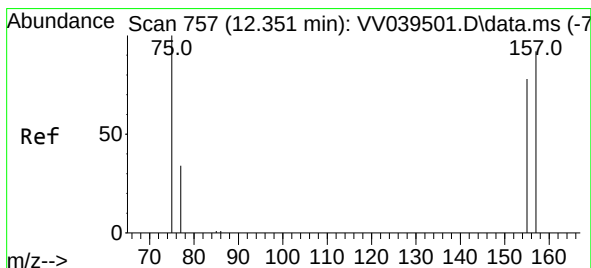
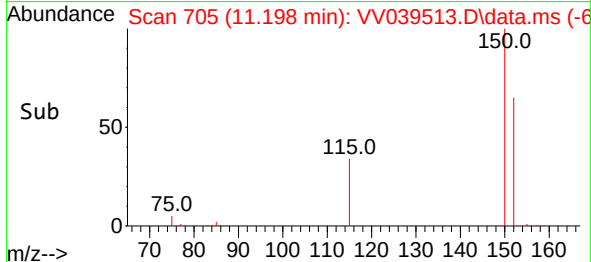
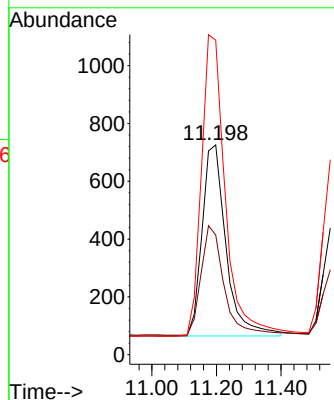
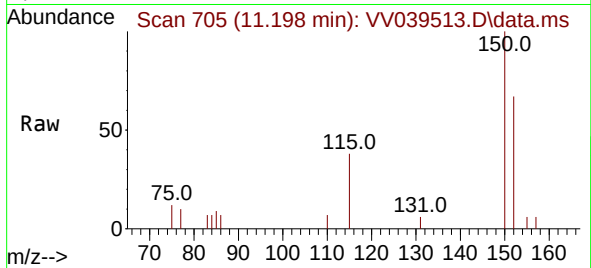




#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.198 min Scan# 704
Delta R.T. 0.023 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Instrument :
MSVOA_V
ClientSampleId :
VIBLK234

Tgt Ion:152 Resp: 3405
Ion Ratio Lower Upper
152 100
115 54.7 0.0 101.6
150 157.1 0.0 396.2



#14
1,2-Dibromo-3-chloropropane
Concen: 0.021 ug/L
RT: 12.373 min Scan# 758
Delta R.T. 0.022 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Tgt Ion: 75 Resp: 15
Ion Ratio Lower Upper
75 100
157 80.0 67.8 101.6
155 80.0 61.9 92.9

