

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039454.D
 Acq On : 03 Dec 2025 15:03
 Operator : SY/MD
 Sample : Q3743-01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TW-1125-1

Quant Time: Dec 04 01:10:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

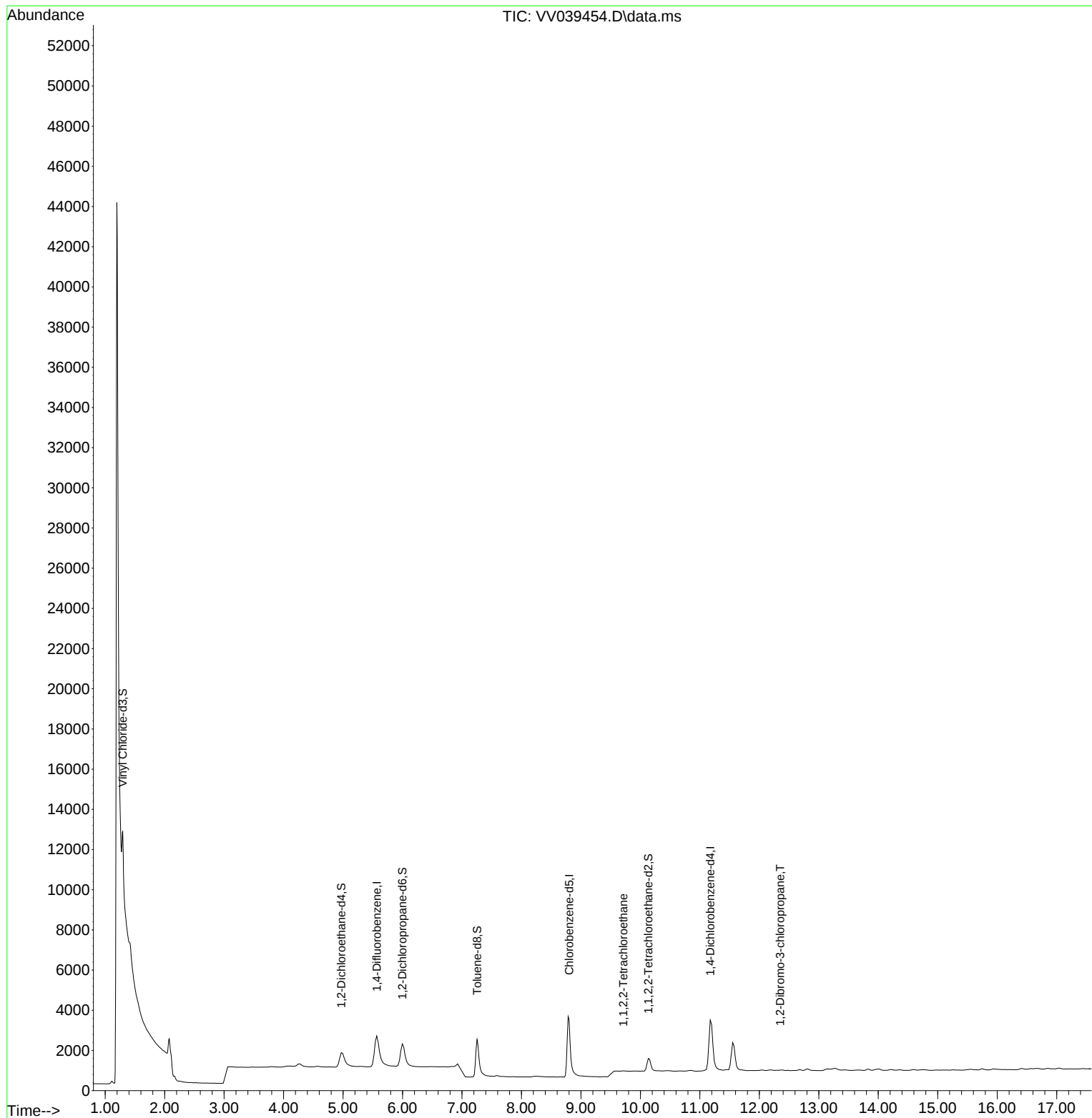
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6747	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	6678	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3644	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3881	0.572	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.970	65	2019	0.449	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
7) 1,2-Dichloropropane-d6	5.996	67	2381	0.423	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	4550	0.479	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1714	0.540	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.712	83	305	0.046	ug/L #	1
14) 1,2-Dibromo-3-chloropr...	12.351	75	21	0.027	ug/L	96

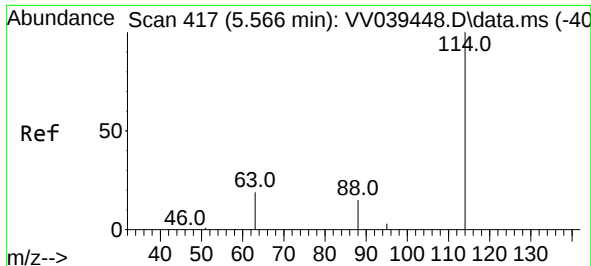
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 01:10:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
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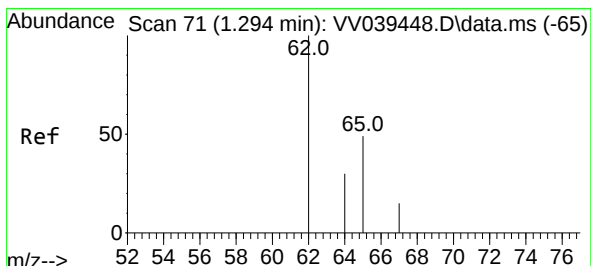
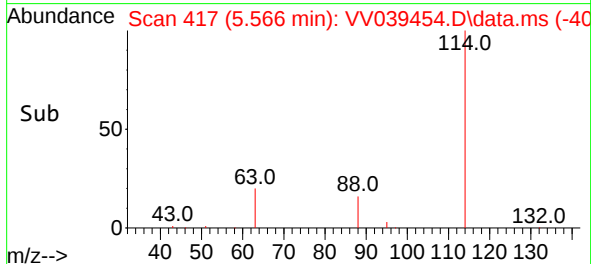
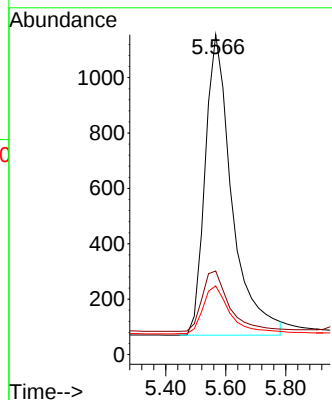
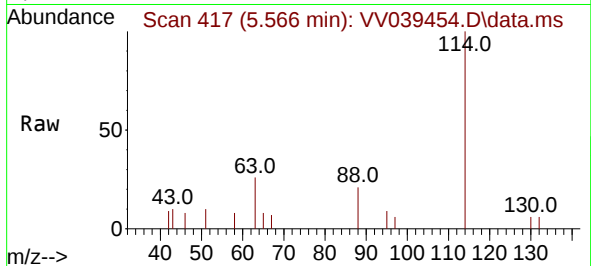




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039454.D
 Acq: 03 Dec 2025 15:03

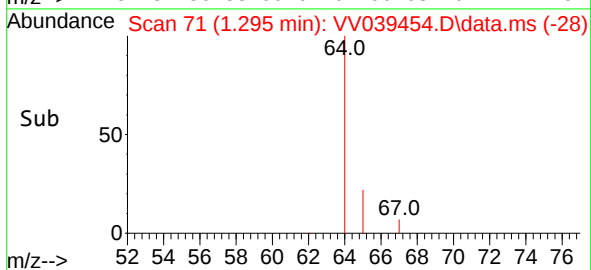
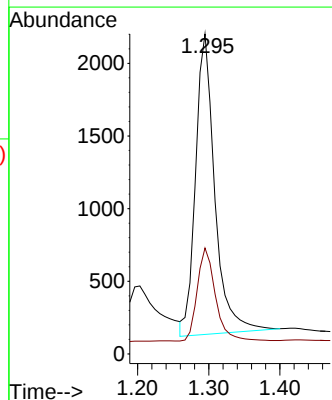
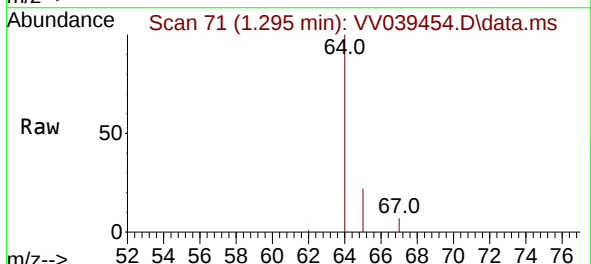
Instrument :
 MSVOA_V
 ClientSampleId :
 TW-1125-1

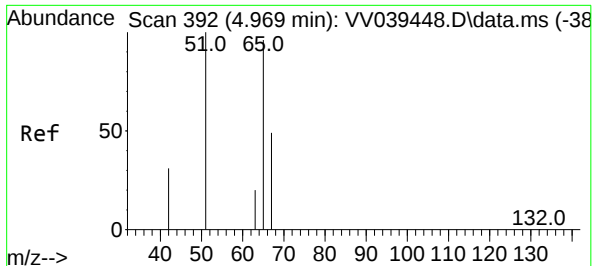
Tgt Ion:114	Resp:	6747
Ion	Ratio	Lower Upper
114	100	
63	20.2	15.0 22.4
88	16.2	12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 0.572 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039454.D
 Acq: 03 Dec 2025 15:03

Tgt Ion: 65	Resp:	3881
Ion	Ratio	Lower Upper
65	100	
67	29.6	22.3 41.5

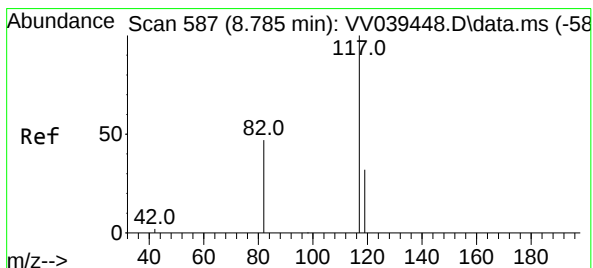
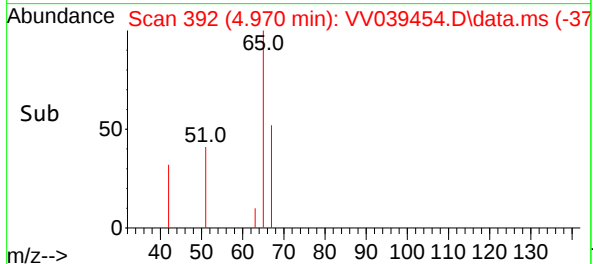
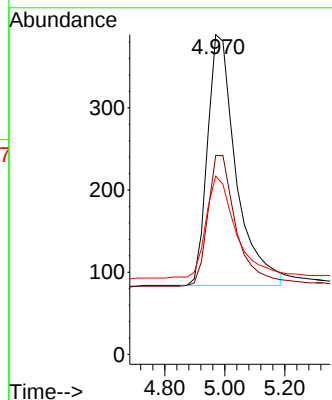
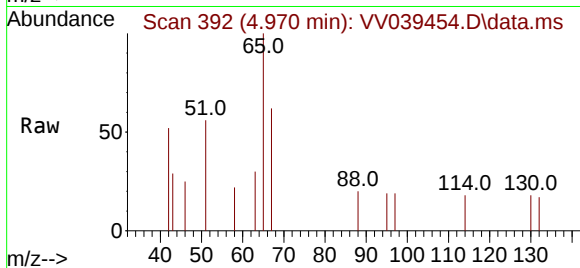




#4
1,2-Dichloroethane-d4
Concen: 0.449 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039454.D
Acq: 03 Dec 2025 15:03

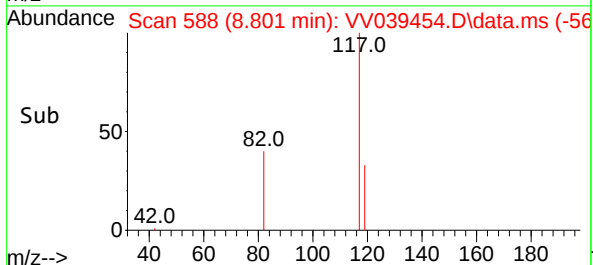
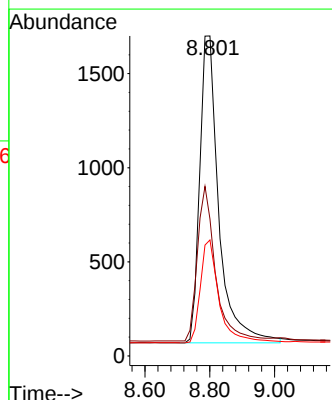
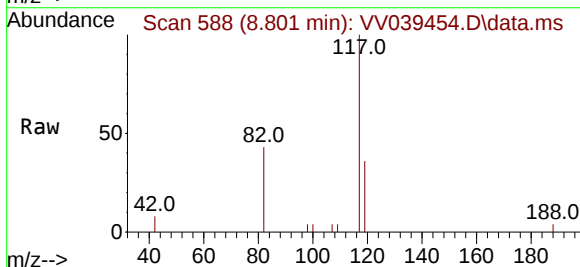
Instrument :
MSVOA_V
ClientSampleId :
TW-1125-1

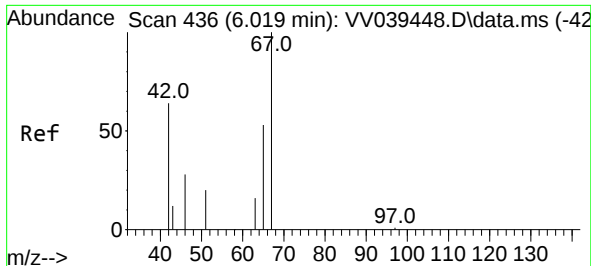
Tgt Ion: 65 Resp: 2019
Ion Ratio Lower Upper
65 100
67 52.0 32.5 60.3
51 42.7 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039454.D
Acq: 03 Dec 2025 15:03

Tgt Ion: 117 Resp: 6678
Ion Ratio Lower Upper
117 100
82 47.8 39.4 59.2
119 32.8 26.2 39.2

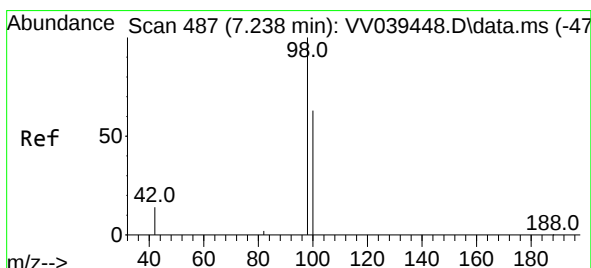
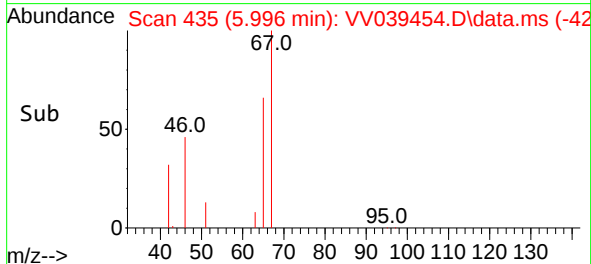
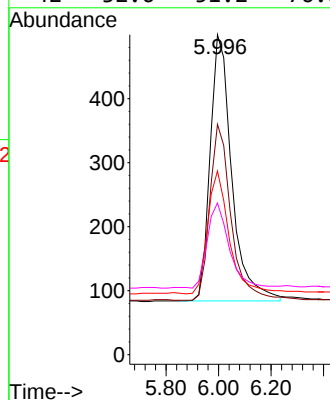
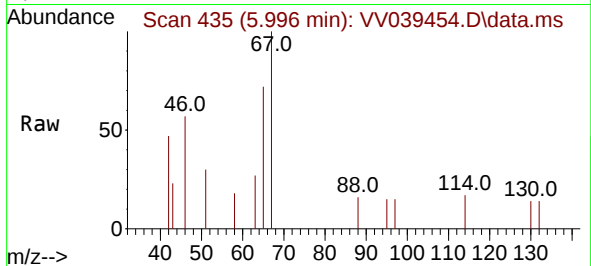




#7
1,2-Dichloropropane-d6
Concen: 0.423 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039454.D
Acq: 03 Dec 2025 15:03

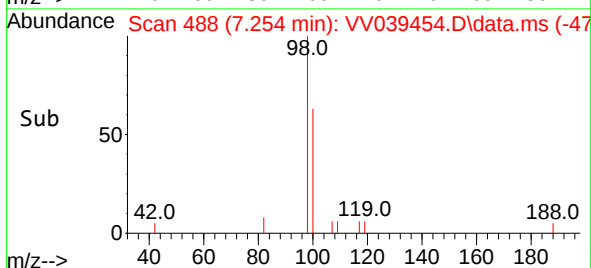
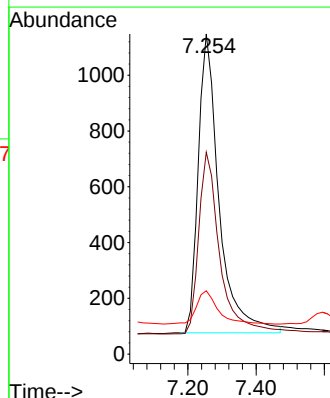
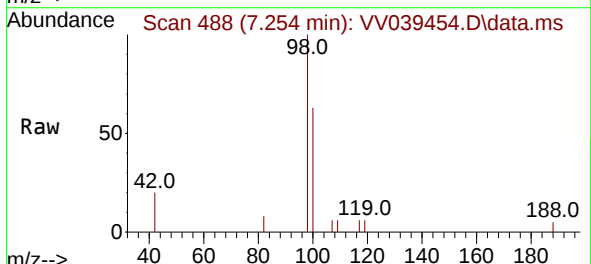
Instrument :
MSVOA_V
ClientSampleId :
TW-1125-1

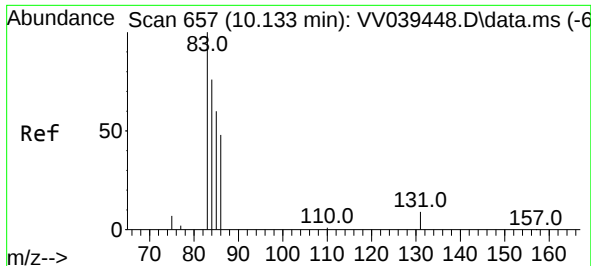
Tgt Ion:	67	Resp:	2381
Ion	Ratio	Lower	Upper
67	100		
65	64.5	37.9	56.9#
46	46.0	27.4	41.0#
42	32.6	51.2	76.8#



#8
Toluene-d8
Concen: 0.479 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039454.D
Acq: 03 Dec 2025 15:03

Tgt Ion:	98	Resp:	4550
Ion	Ratio	Lower	Upper
98	100		
100	61.3	44.5	82.7
42	11.4	10.1	18.7

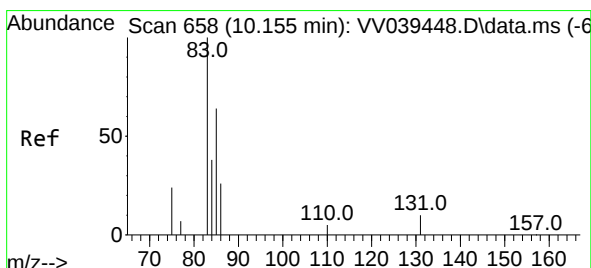
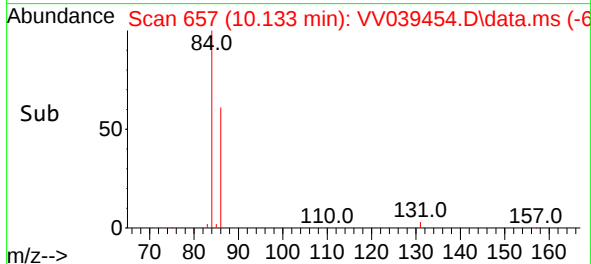
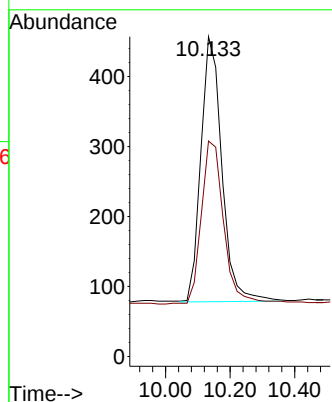
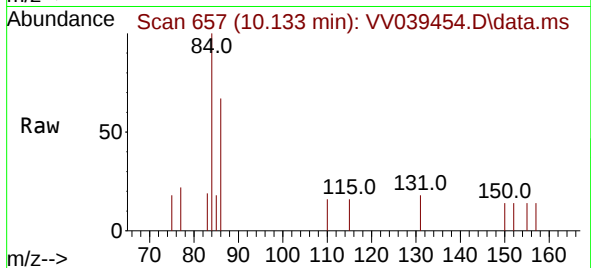




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.540 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039454.D
Acq: 03 Dec 2025 15:03

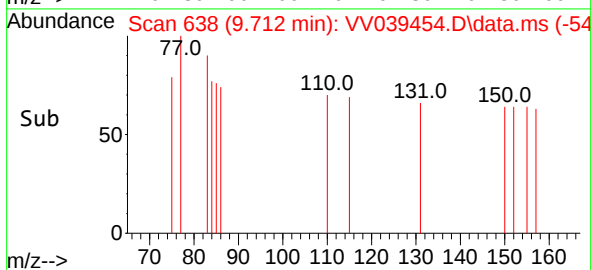
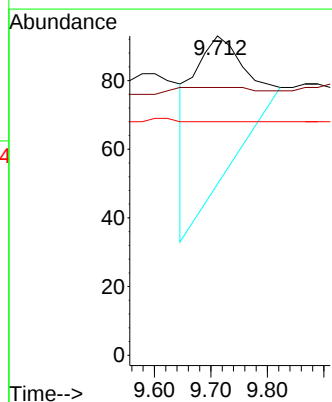
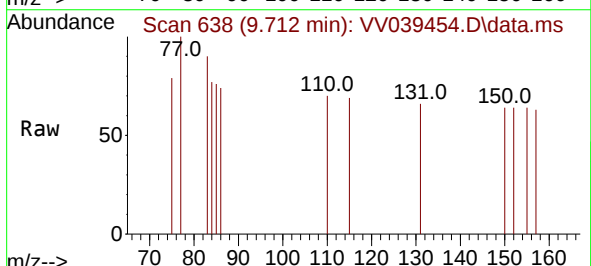
Instrument :
MSVOA_V
ClientSampleId :
TW-1125-1

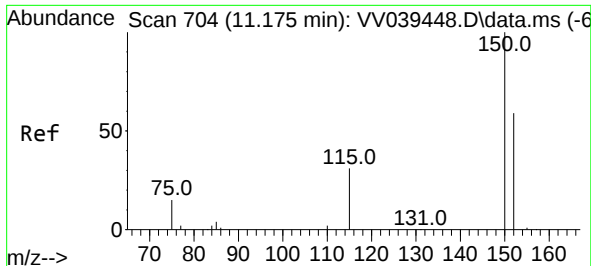
Tgt Ion: 84 Resp: 1714
Ion Ratio Lower Upper
84 100
86 65.3 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.046 ug/L
RT: 9.712 min Scan# 638
Delta R.T. -0.443 min
Lab File: VV039454.D
Acq: 03 Dec 2025 15:03

Tgt Ion: 83 Resp: 305
Ion Ratio Lower Upper
83 100
85 161.6 51.0 76.6#
131 0.0 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.175 min Scan# 704

Delta R.T. 0.000 min

Lab File: VV039454.D

Acq: 03 Dec 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

TW-1125-1

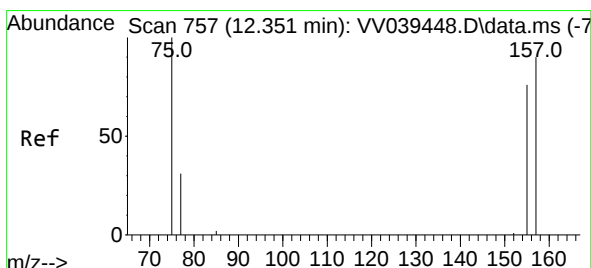
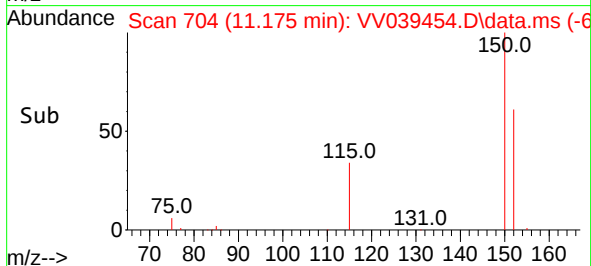
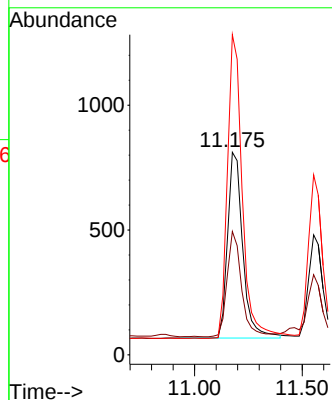
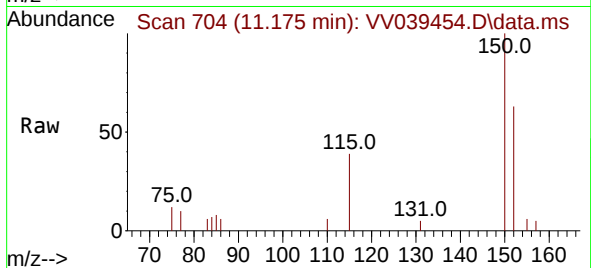
Tgt Ion:152 Resp: 3644

Ion Ratio Lower Upper

152 100

115 54.2 0.0 101.6

150 159.4 0.0 396.2



#14

1,2-Dibromo-3-chloropropane

Concen: 0.027 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039454.D

Acq: 03 Dec 2025 15:03

Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

157 77.6 67.8 101.6

155 77.6 61.9 92.9

