

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039466.D
 Acq On : 04 Dec 2025 13:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK228

Quant Time: Dec 05 00:09:55 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)

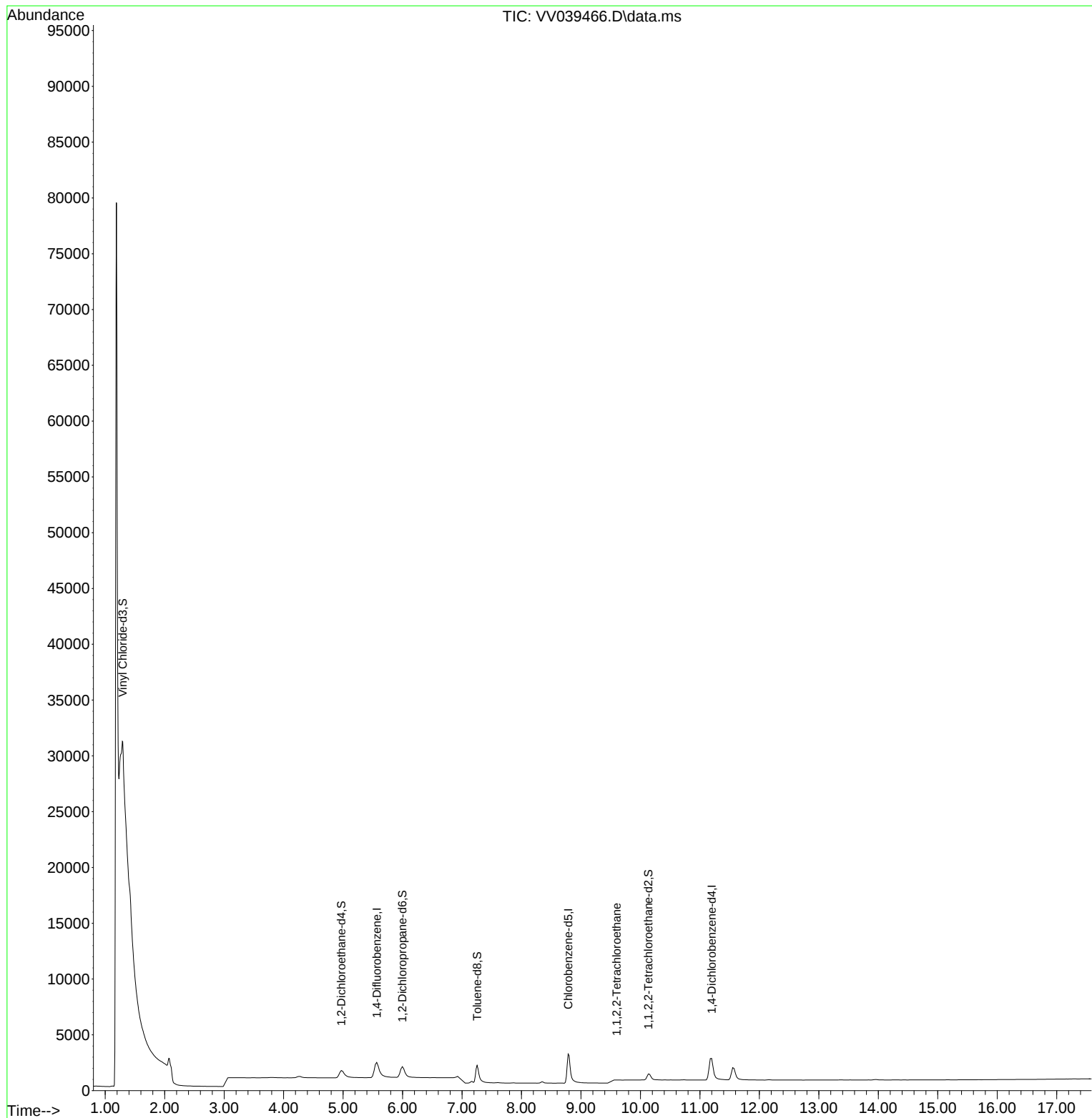
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6215	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5937	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3041	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	5639	0.902	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 180.000%#	
4) 1,2-Dichloroethane-d4	4.969	65	1841	0.445	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 88.000%	
7) 1,2-Dichloropropane-d6	5.995	67	2093	0.418	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 84.000%	
8) Toluene-d8	7.253	98	4038	0.478	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 96.000%	
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1594	0.565	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 112.000%	
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.600	83	1237	0.208	ug/L #	57

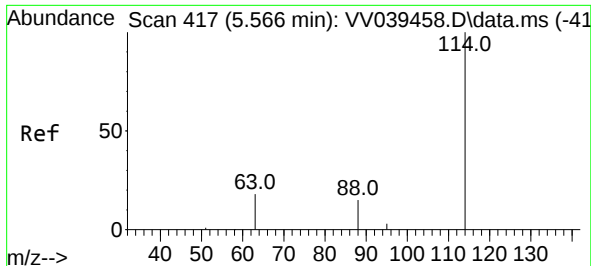
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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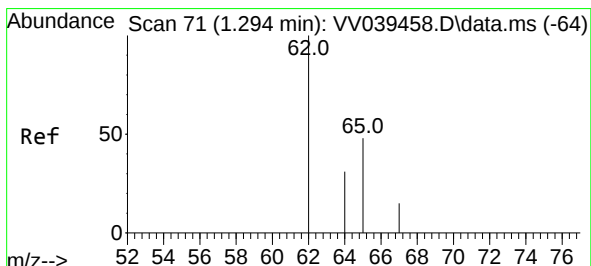
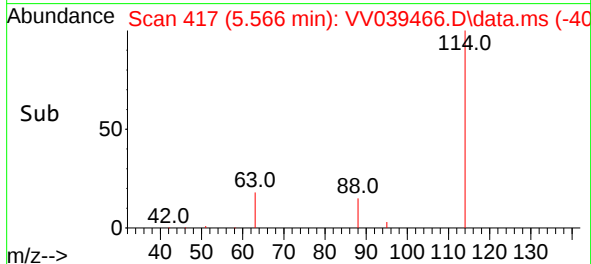
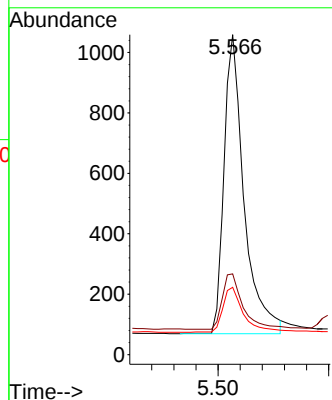
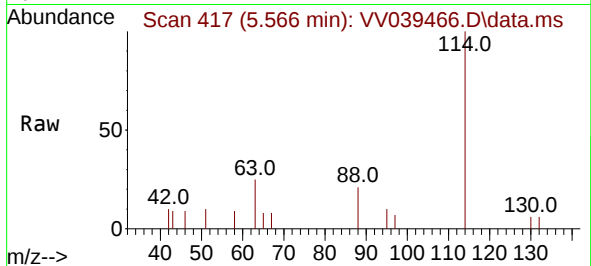




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

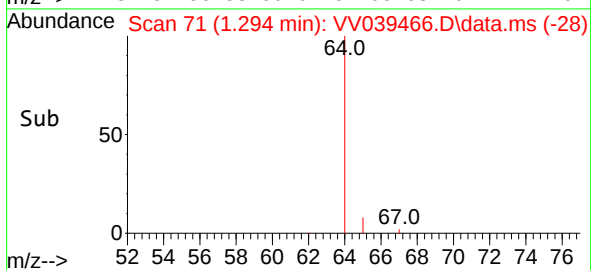
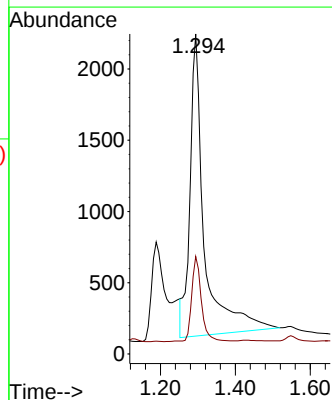
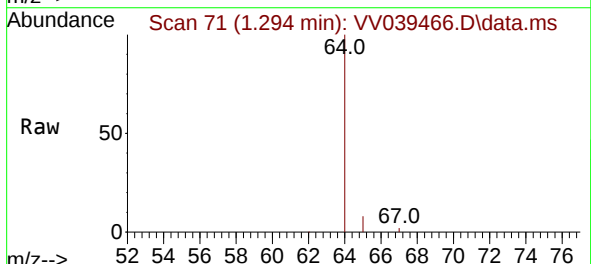
Instrument :
MSVOA_V
ClientSampleId :
VIBLK228

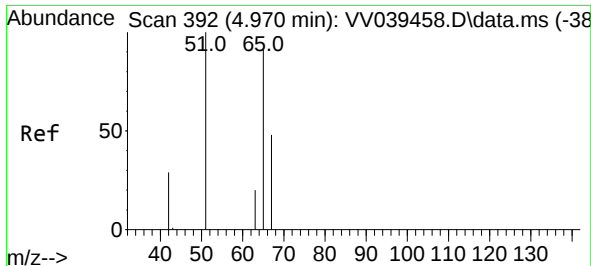
Tgt Ion:	114	Resp:	6215
Ion	Ratio	Lower	Upper
114	100		
63	18.9	15.0	22.4
88	15.3	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.902 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

Tgt Ion:	65	Resp:	5639
Ion	Ratio	Lower	Upper
65	100		
67	19.2	22.3	41.5

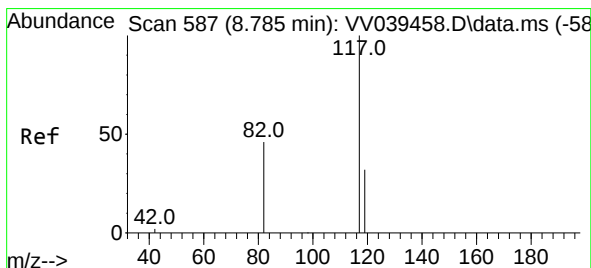
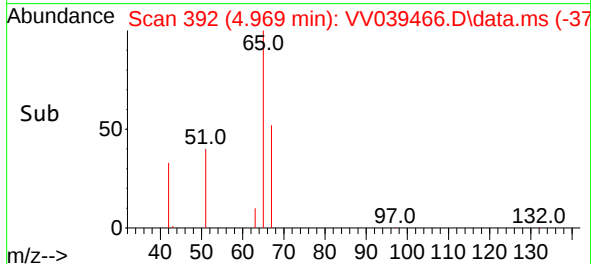
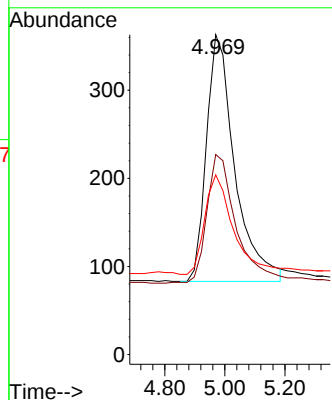
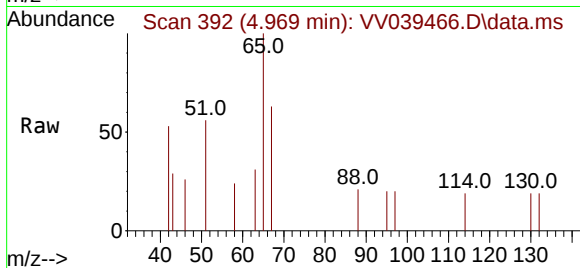




#4
1,2-Dichloroethane-d4
Concen: 0.445 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

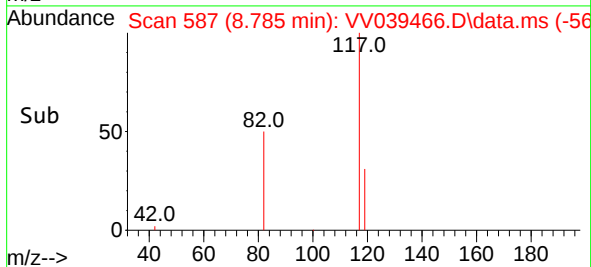
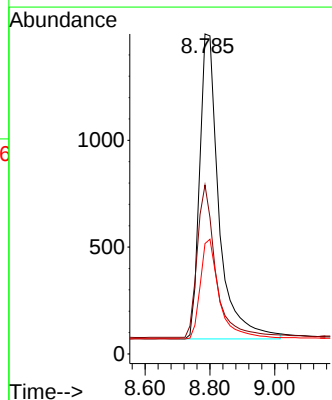
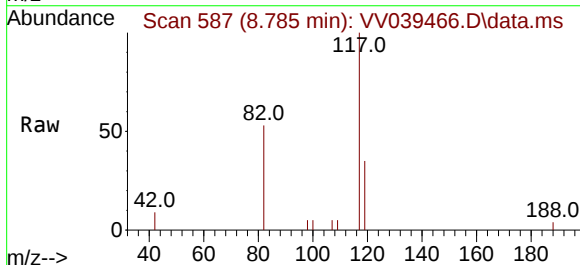
Instrument :
MSVOA_V
ClientSampleId :
VIBLK228

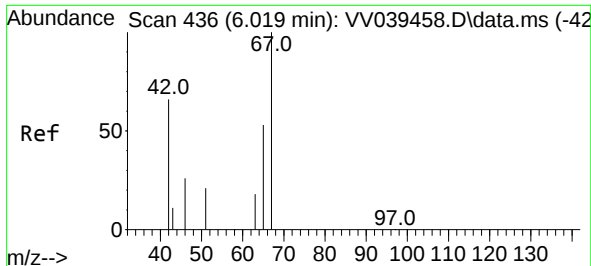
Tgt Ion: 65 Resp: 1841
Ion Ratio Lower Upper
65 100
67 54.0 32.5 60.3
51 41.0 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

Tgt Ion:117 Resp: 5937
Ion Ratio Lower Upper
117 100
82 47.9 39.4 59.2
119 32.2 26.2 39.2

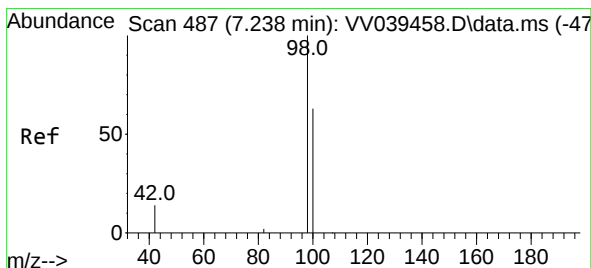
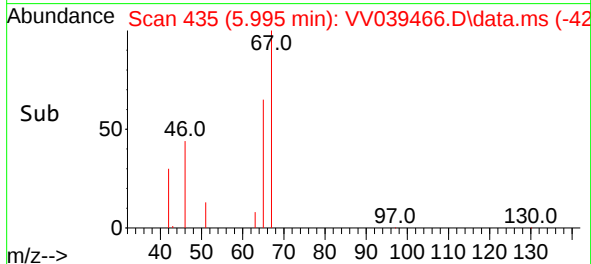
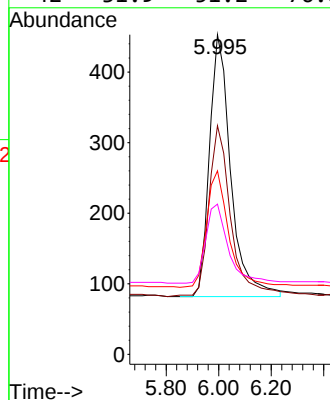
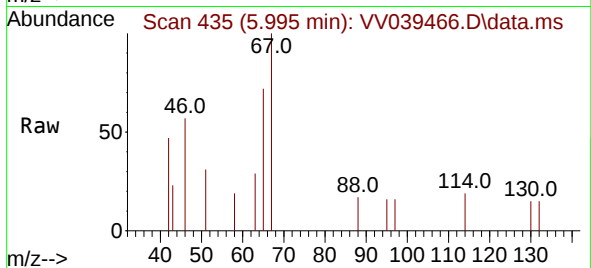




#7
1,2-Dichloropropane-d6
Concen: 0.418 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

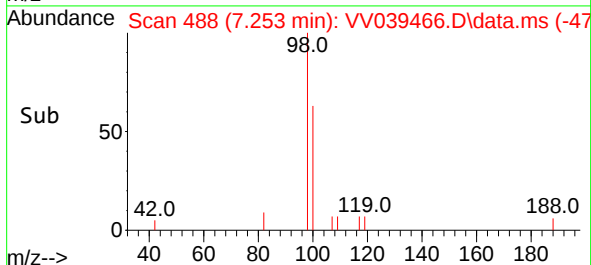
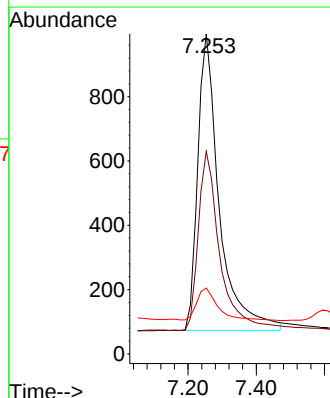
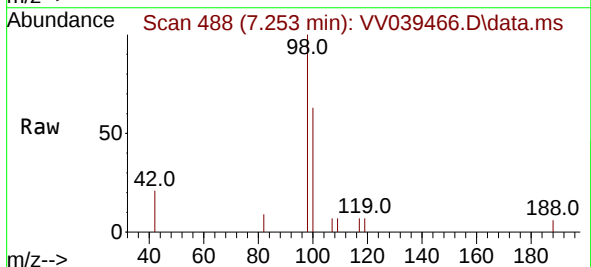
Instrument :
MSVOA_V
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VIBLK228

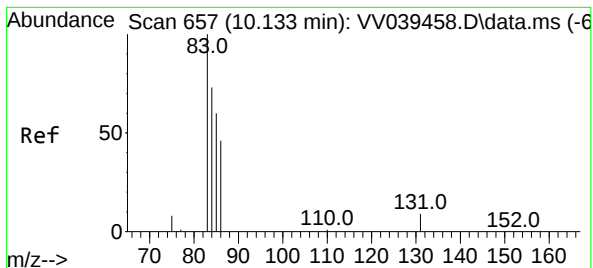
Tgt Ion:	67	Resp:	2093
Ion	Ratio	Lower	Upper
67	100		
65	67.3	37.9	56.9#
46	46.2	27.4	41.0#
42	31.9	51.2	76.8#



#8
Toluene-d8
Concen: 0.478 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

Tgt Ion:	98	Resp:	4038
Ion	Ratio	Lower	Upper
98	100		
100	60.3	44.5	82.7
42	10.8	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.565 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039466.D

Acq: 04 Dec 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

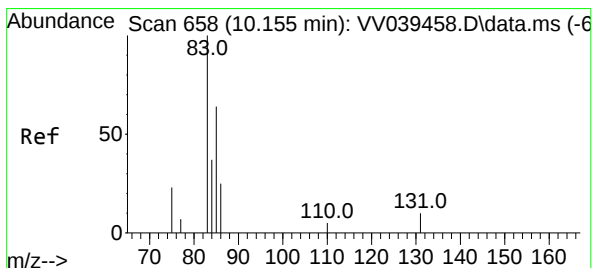
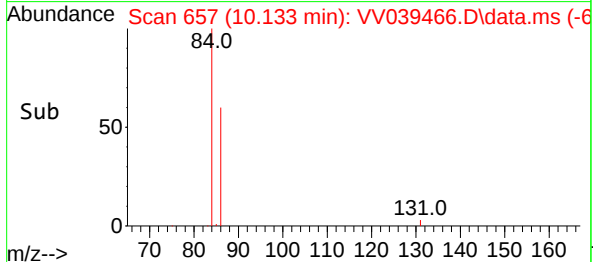
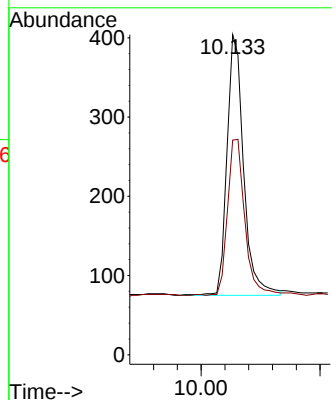
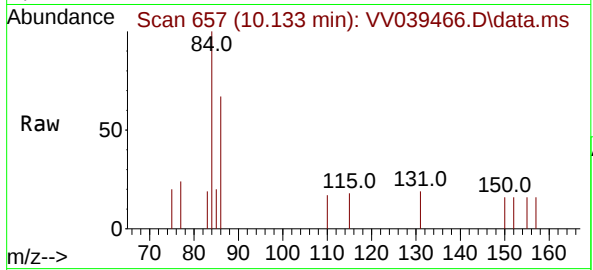
VIBLK228

Tgt Ion: 84 Resp: 1594

Ion Ratio Lower Upper

84 100

86 61.9 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.208 ug/L

RT: 9.600 min Scan# 633

Delta R.T. -0.554 min

Lab File: VV039466.D

Acq: 04 Dec 2025 13:40

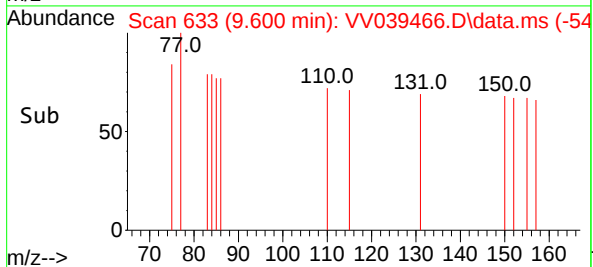
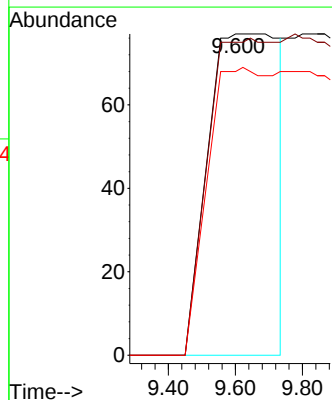
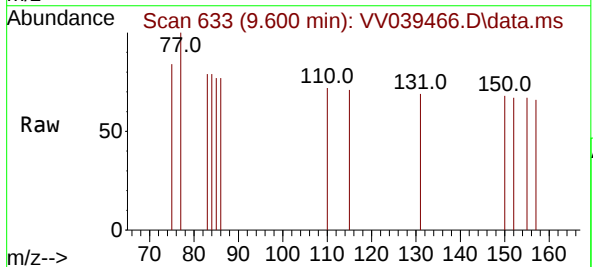
Tgt Ion: 83 Resp: 1237

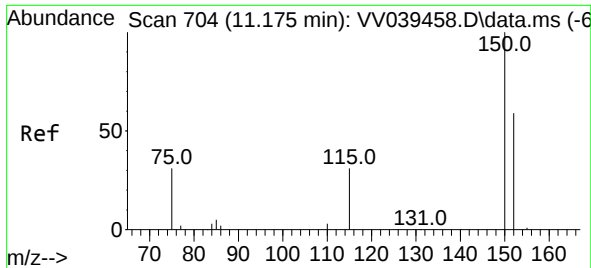
Ion Ratio Lower Upper

83 100

85 81.2 51.0 76.6#

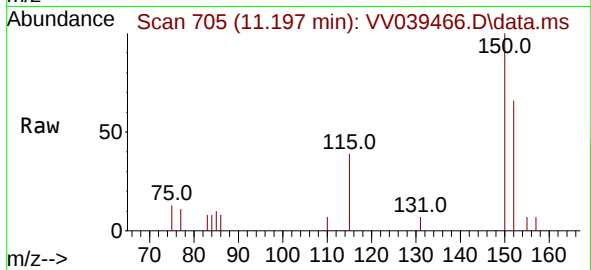
131 73.4 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 705
 Delta R.T. 0.022 min
 Lab File: VV039466.D
 Acq: 04 Dec 2025 13:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK228



Tgt Ion:	152	Resp:	3041
Ion	Ratio	Lower	Upper
152	100		
115	55.1	0.0	101.6
150	161.3	0.0	396.2

