

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038961.D
 Acq On : 19 Aug 2025 12:32
 Operator : SY/MD
 Sample : VIBLK225
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK225

Quant Time: Aug 20 03:35:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM081925.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 20 03:16:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5485	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5495	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2451	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2759	0.550	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.000%
4) 1,2-Dichloroethane-d4	4.969	65	1475	0.501	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
7) 1,2-Dichloropropane-d6	5.995	67	1728	0.570	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	114.000%
8) Toluene-d8	7.253	98	3433	0.505	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1202	0.559	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	112.000%

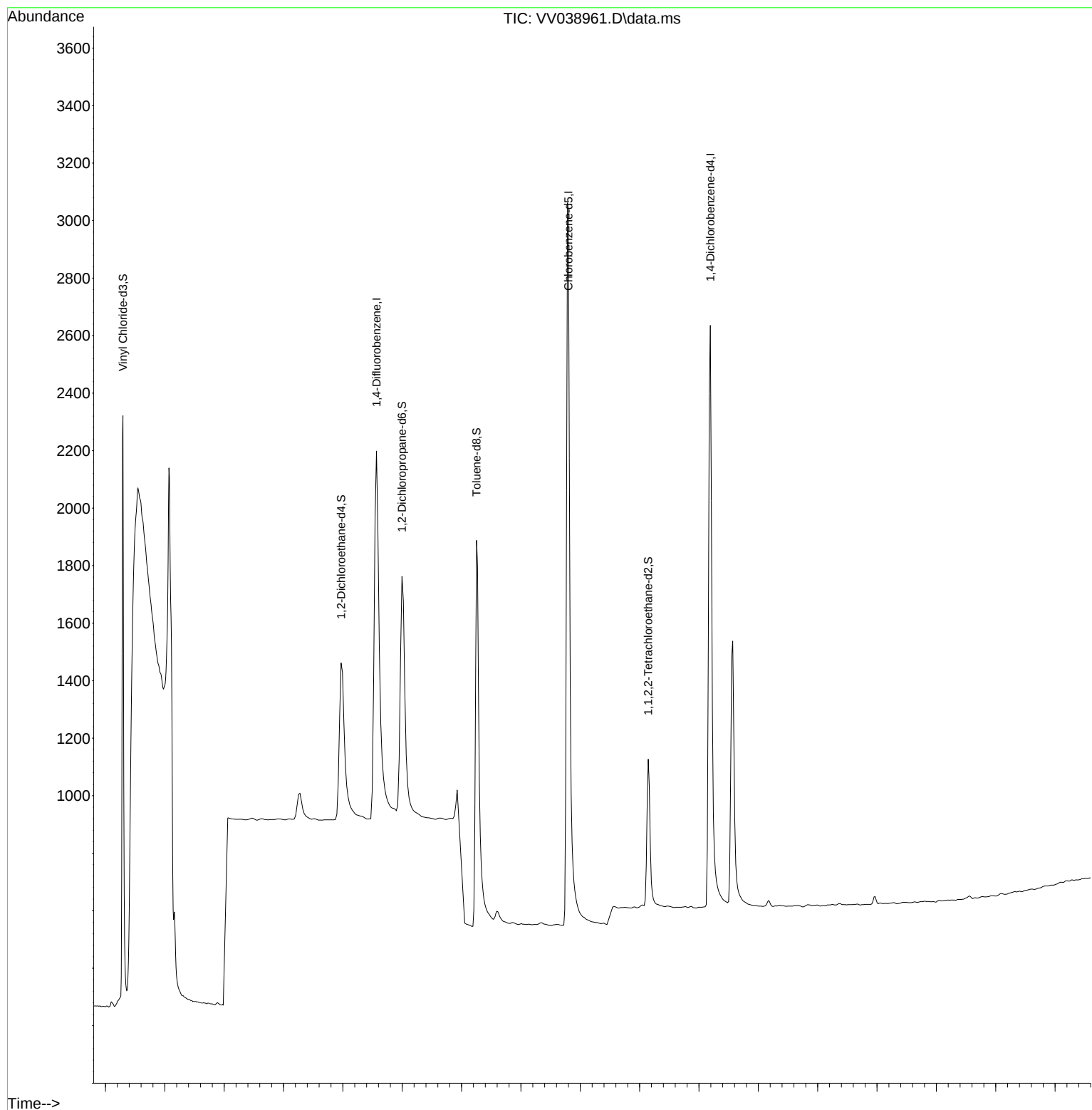
Target Compounds Qvalue

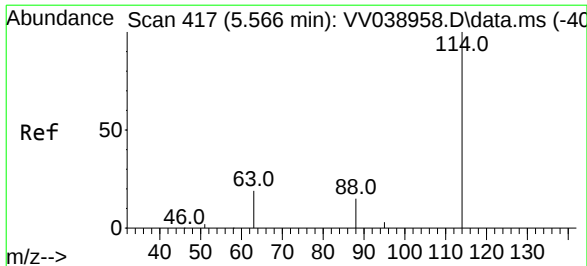
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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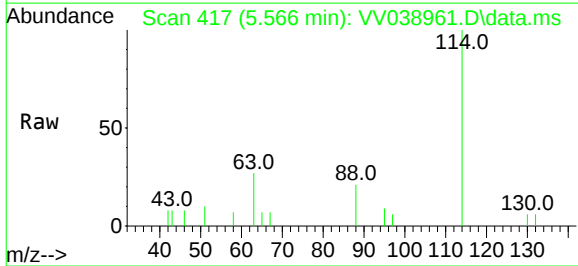
Quant Time: Aug 20 03:35:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM081925.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 20 03:16:00 2025
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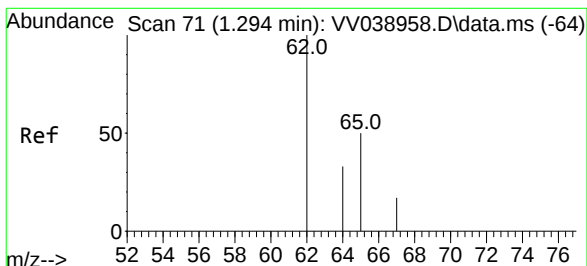
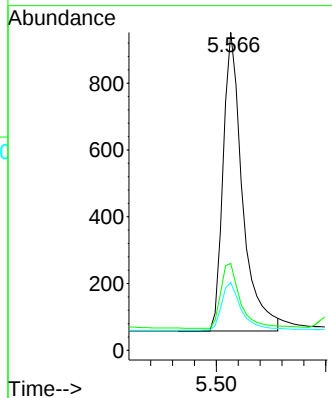
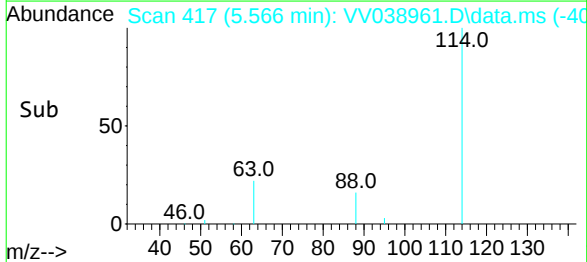


#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV038961.D
Acq: 19 Aug 2025 12:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK225

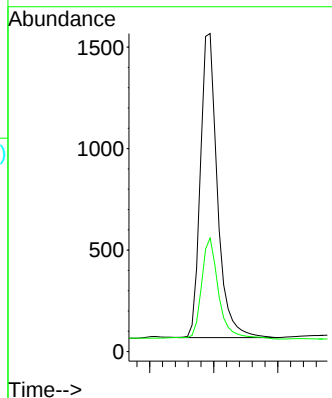
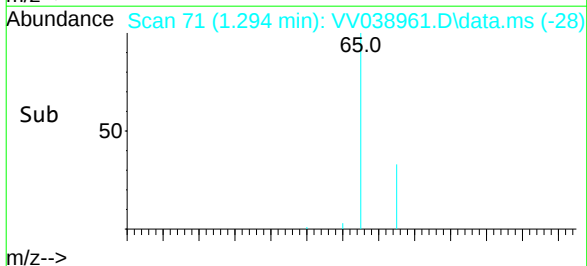
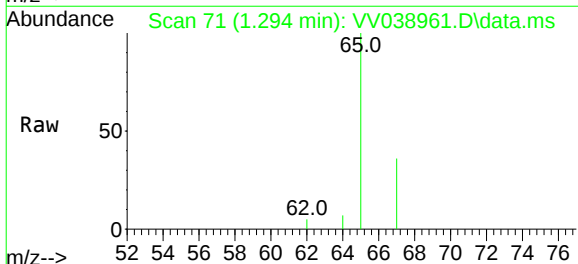


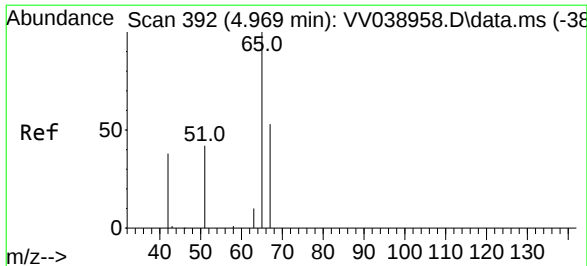
Tgt Ion: 114 Resp: 5485
Ion Ratio Lower Upper
114 100
63 21.7 16.0 24.0
88 16.1 12.3 18.5



#2
Vinyl Chloride-d3
Concen: 0.550 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV038961.D
Acq: 19 Aug 2025 12:32

Tgt Ion: 65 Resp: 2759
Ion Ratio Lower Upper
65 100
67 33.9 23.4 43.4

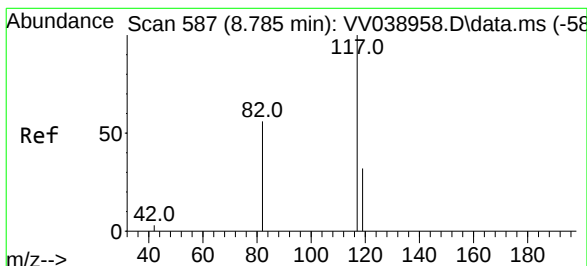
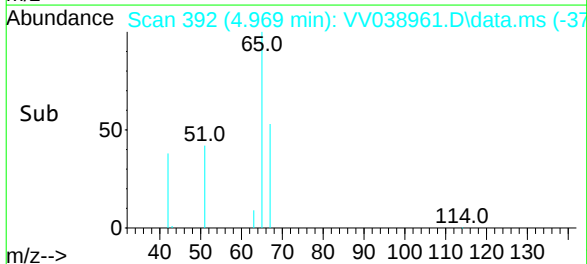
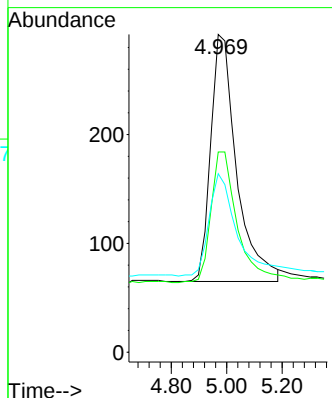
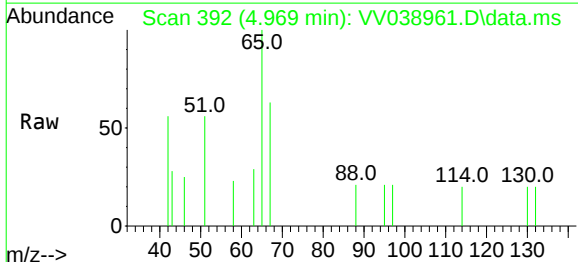




#4
1,2-Dichloroethane-d4
Concen: 0.501 ug/L
RT: 4.969 min Scan# 39
Delta R.T. 0.000 min
Lab File: VV038961.D
Acq: 19 Aug 2025 12:32

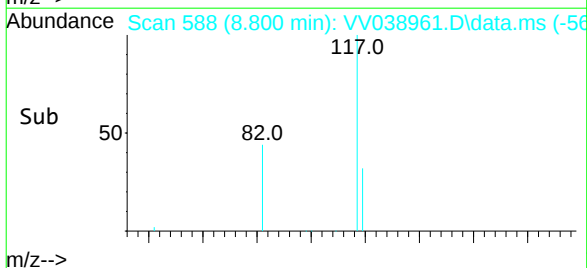
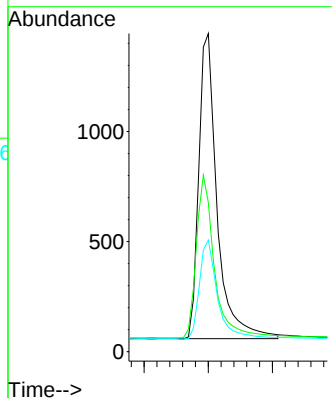
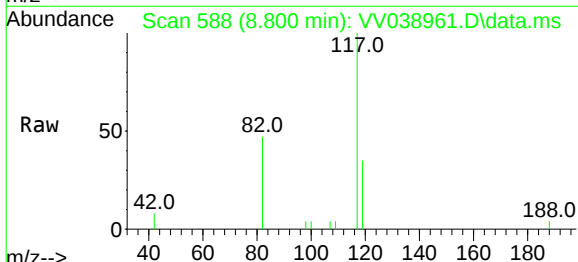
Instrument :
MSVOA_V
ClientSampleId :
VIBLK225

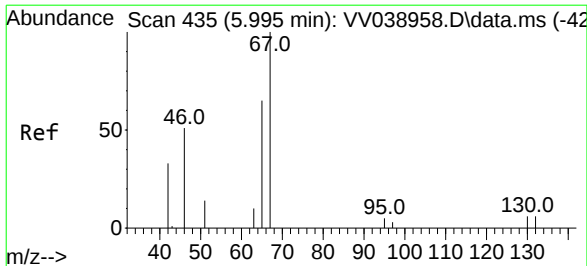
Tgt Ion:	65	Resp:	1475
Ion	Ratio	Lower	Upper
65	100		
67	53.8	37.2	69.0
51	44.5	33.4	62.0



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV038961.D
Acq: 19 Aug 2025 12:32

Tgt Ion:	117	Resp:	5495
Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.9	64.3
119	32.0	26.4	39.6

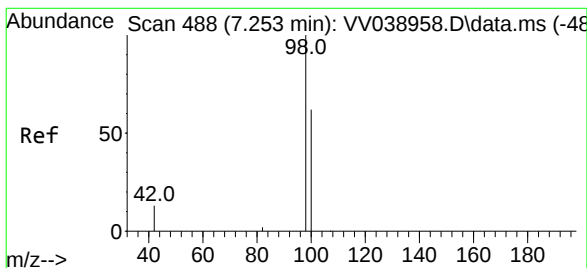
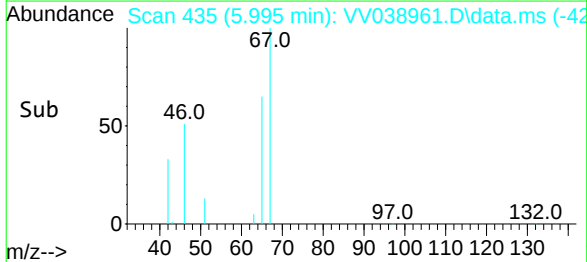
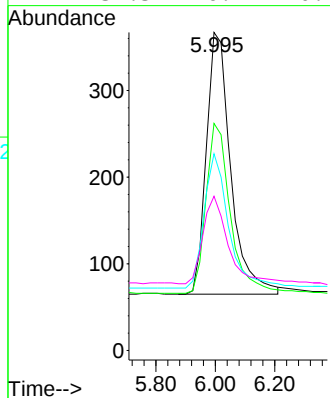
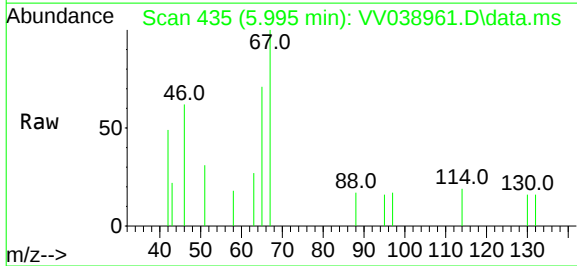




1,2-Dichloropropane-d6
 Concen: 0.570 ug/L
 RT: 5.995 min Scan# 435
 Delta R.T. 0.000 min
 Lab File: VV038961.D
 Acq: 19 Aug 2025 12:32

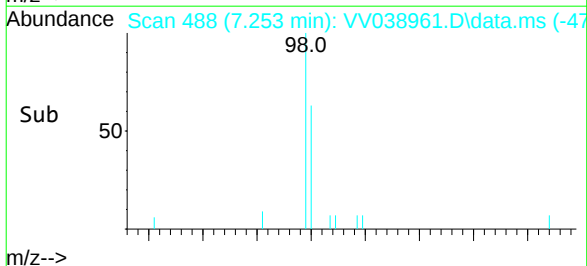
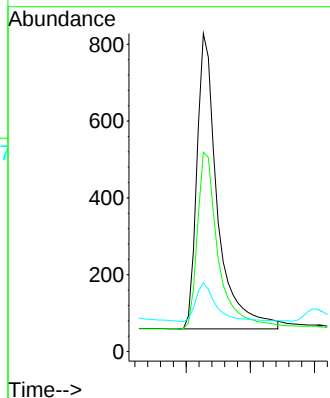
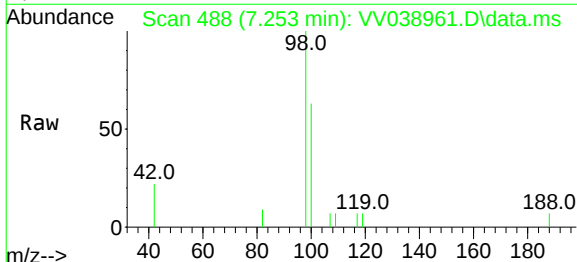
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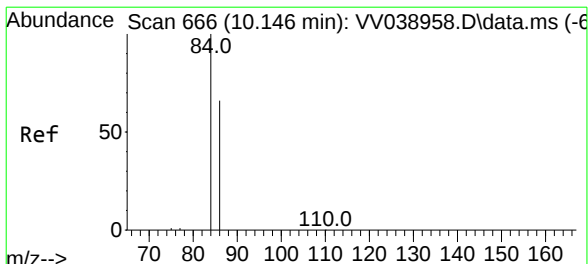
Tgt Ion:	67	Resp:	1728
Ion	Ratio	Lower	Upper
67	100		
65	64.1	49.8	74.6
46	51.5	41.3	61.9
42	34.3	26.7	40.1



Toluene-d8
 Concen: 0.505 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038961.D
 Acq: 19 Aug 2025 12:32

Tgt Ion:	98	Resp:	3433
Ion	Ratio	Lower	Upper
98	100		
100	61.1	43.3	80.3
42	13.0	8.5	15.7

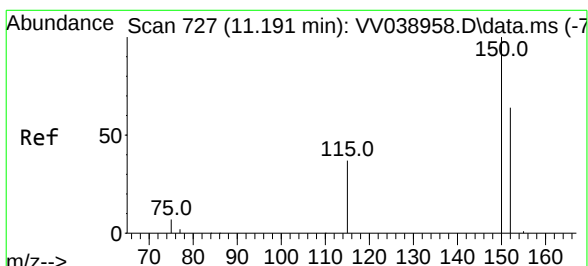
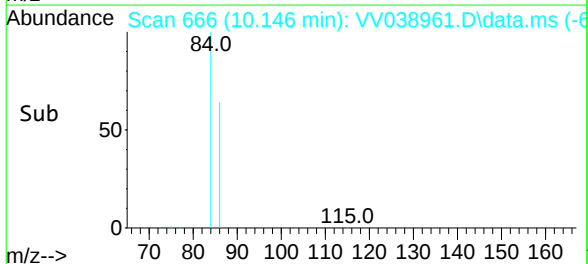
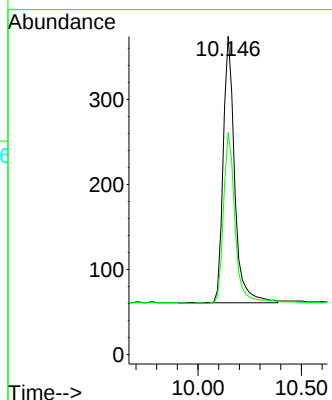
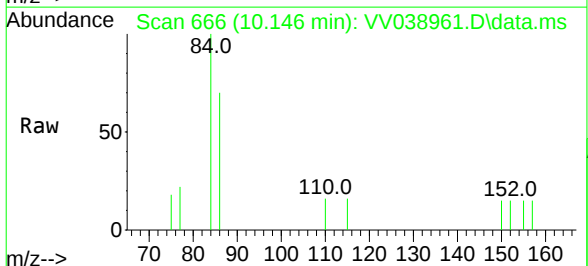




#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.559 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: VV038961.D
 Acq: 19 Aug 2025 12:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK225

Tgt Ion: 84 Resp: 1202
 Ion Ratio Lower Upper
 84 100
 86 65.2 45.6 84.6



#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: VV038961.D
 Acq: 19 Aug 2025 12:32

Tgt Ion: 152 Resp: 2451
 Ion Ratio Lower Upper
 152 100
 115 60.1 0.0 119.6
 150 158.5 0.0 318.0

