

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082025\
 Data File : VV038969.D
 Acq On : 20 Aug 2025 10:01
 Operator : SY/MD
 Sample : VV0820WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK231

Quant Time: Aug 21 01:22:41 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	5798	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5458	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2433	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2569	0.484	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	96.000%
4) 1,2-Dichloroethane-d4	4.969	65	1327	0.426	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.995	67	1565	0.520	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	104.000%
8) Toluene-d8	7.253	98	3019	0.447	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1080	0.506	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%

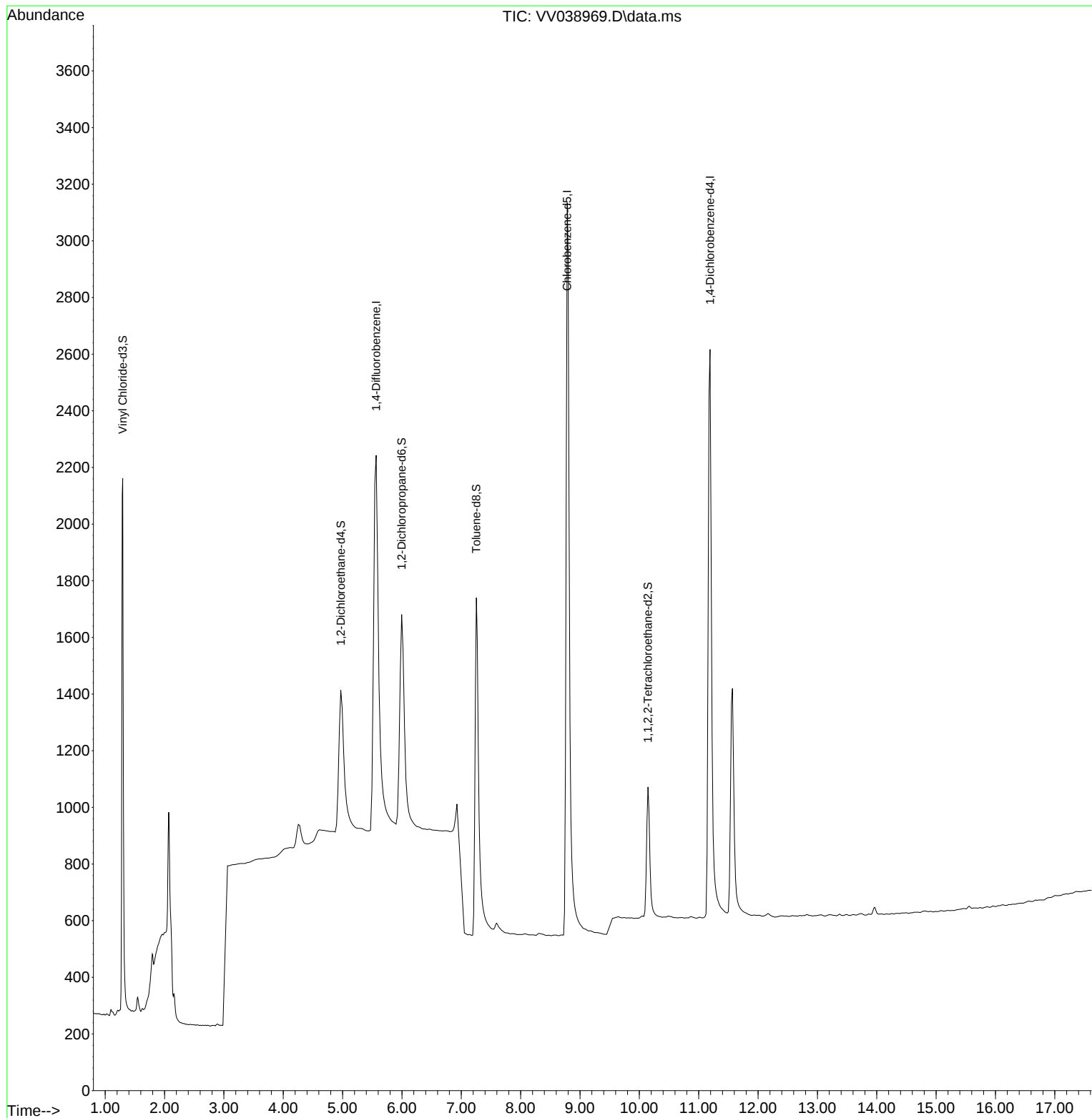
Target Compounds Qvalue

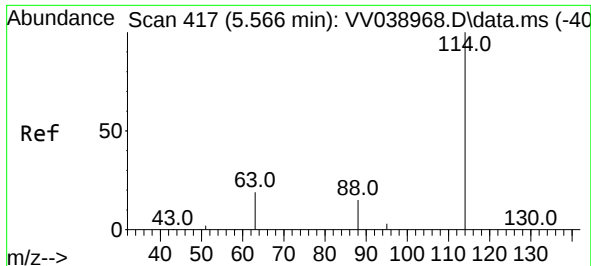
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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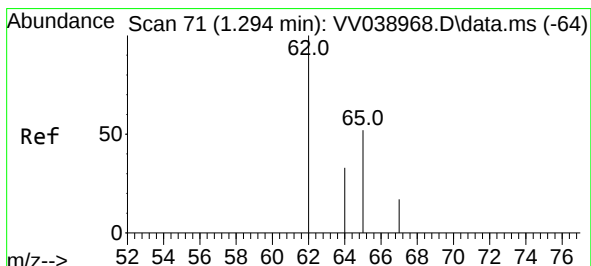
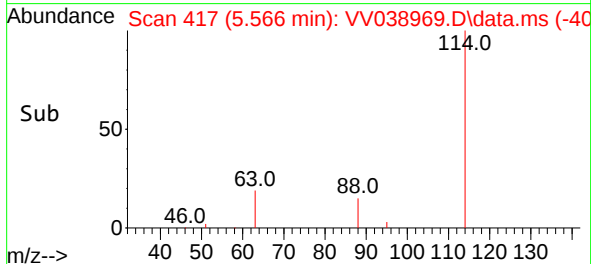
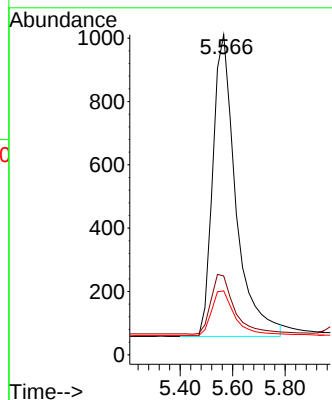
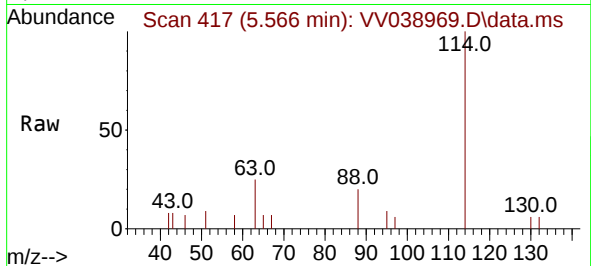




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV038969.D
 Acq: 20 Aug 2025 10:01

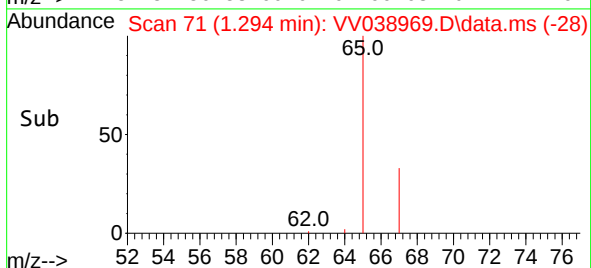
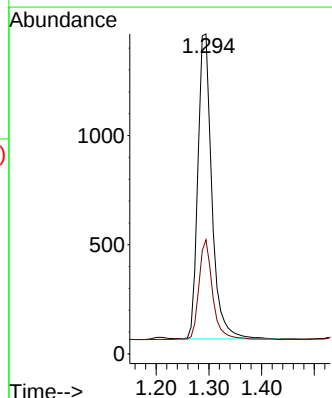
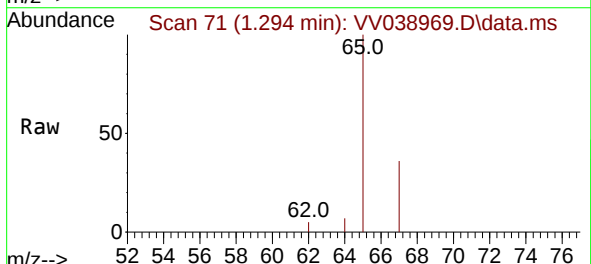
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK231

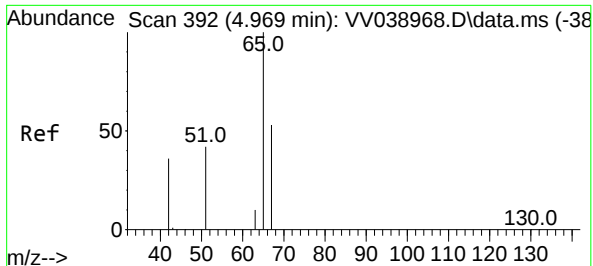
Tgt Ion:114 Resp: 5798
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.0 24.0
 88 14.9 12.3 18.5



#2
 Vinyl Chloride-d3
 Concen: 0.484 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038969.D
 Acq: 20 Aug 2025 10:01

Tgt Ion: 65 Resp: 2569
 Ion Ratio Lower Upper
 65 100
 67 32.3 23.4 43.4

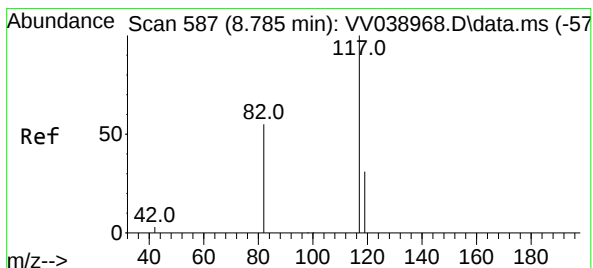
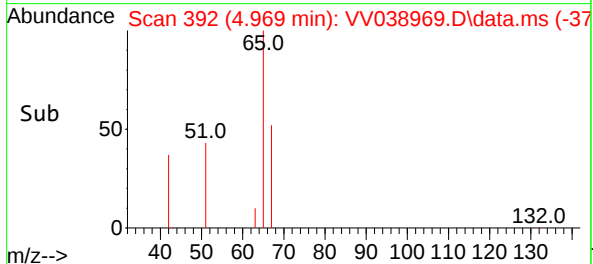
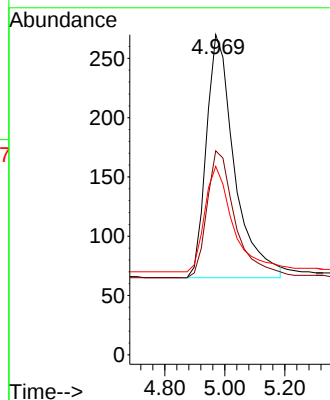
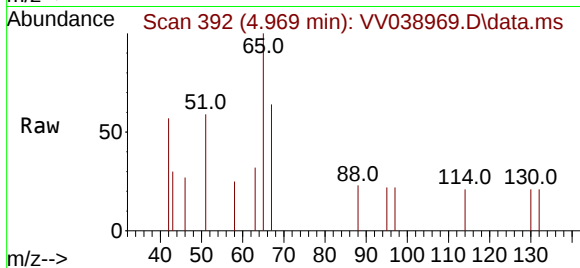




#4
1,2-Dichloroethane-d4
Concen: 0.426 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV038969.D
Acq: 20 Aug 2025 10:01

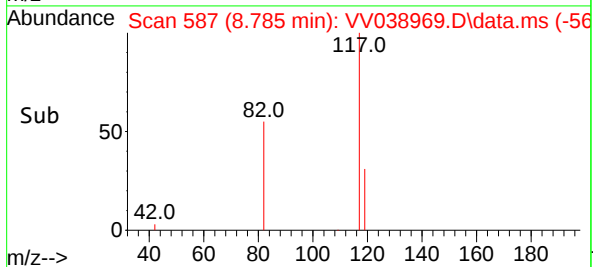
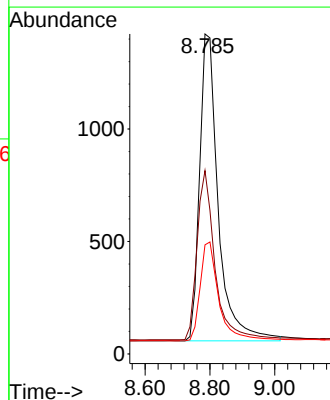
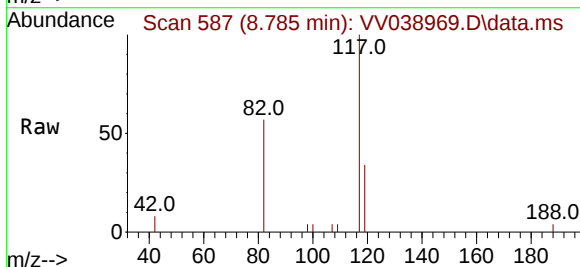
Instrument :
MSVOA_V
ClientSampleId :
VBLK231

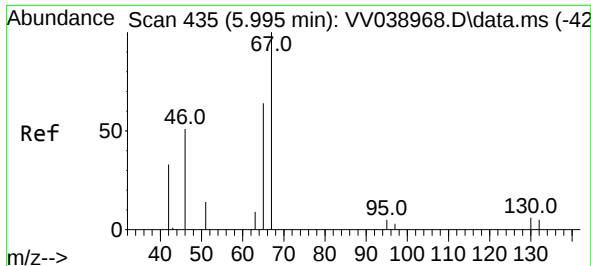
Tgt Ion:	65	Resp:	1327
Ion	Ratio	Lower	Upper
65	100		
67	52.7	37.2	69.0
51	44.0	33.4	62.0



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV038969.D
Acq: 20 Aug 2025 10:01

Tgt Ion:	117	Resp:	5458
Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.9	64.3
119	32.4	26.4	39.6



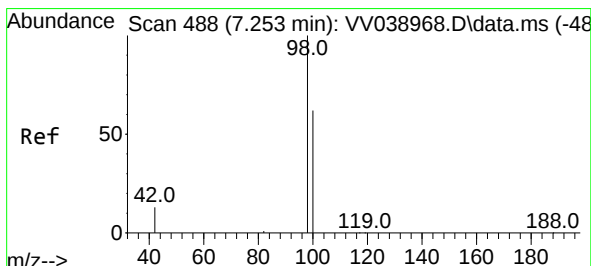
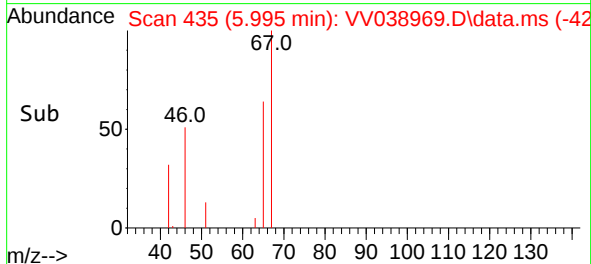
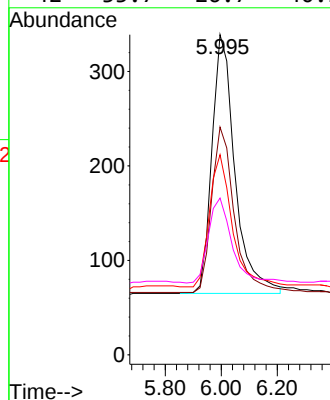
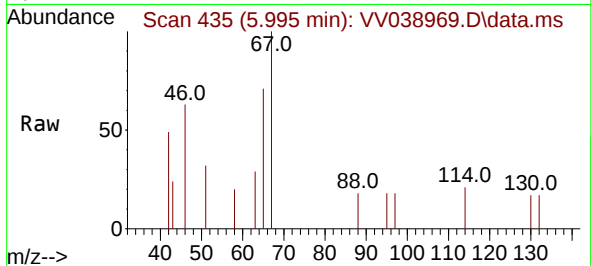


#7
 1,2-Dichloropropane-d6
 Concen: 0.520 ug/L
 RT: 5.995 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV038969.D
 Acq: 20 Aug 2025 10:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK231

Tgt Ion: 67 Resp: 1565

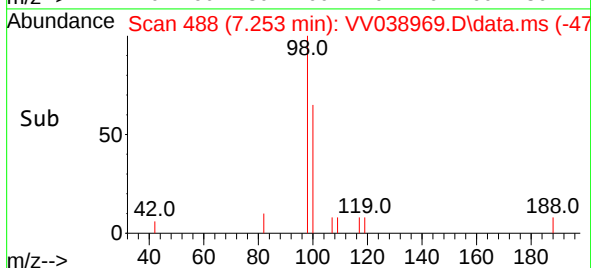
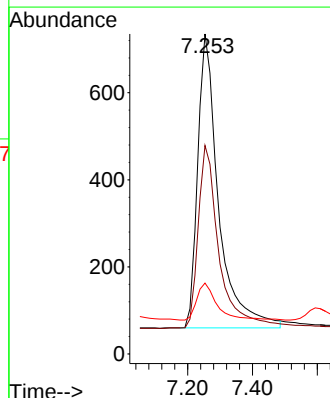
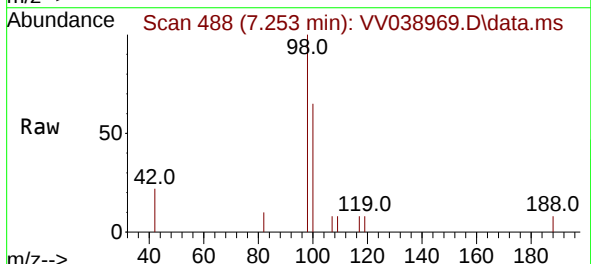
Ion	Ratio	Lower	Upper
67	100		
65	62.9	49.8	74.6
46	50.9	41.3	61.9
42	33.7	26.7	40.1

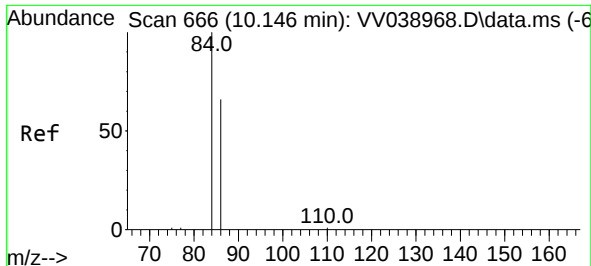


#8
 Toluene-d8
 Concen: 0.447 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038969.D
 Acq: 20 Aug 2025 10:01

Tgt Ion: 98 Resp: 3019

Ion	Ratio	Lower	Upper
98	100		
100	61.6	43.3	80.3
42	12.2	8.5	15.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.506 ug/L

RT: 10.146 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV038969.D

Acq: 20 Aug 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

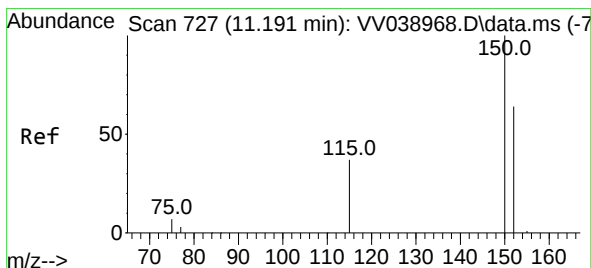
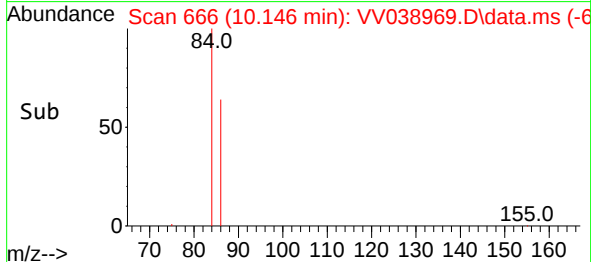
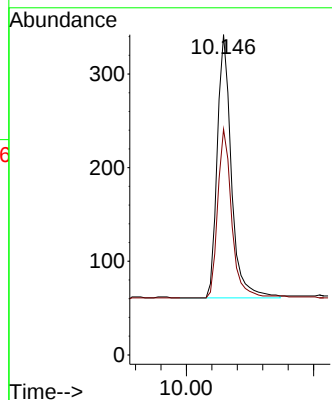
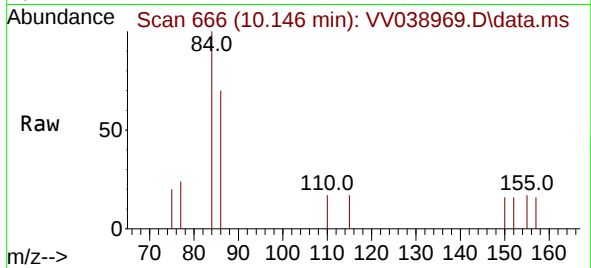
VBLK231

Tgt Ion: 84 Resp: 1080

Ion Ratio Lower Upper

84 100

86 63.0 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: VV038969.D

Acq: 20 Aug 2025 10:01

Tgt Ion:152 Resp: 2433

Ion Ratio Lower Upper

152 100

115 59.2 0.0 119.6

150 158.7 0.0 318.0

