

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039427.D
 Acq On : 25 Nov 2025 13:55
 Operator : SY/MD
 Sample : VV1125WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK232

Quant Time: Nov 26 04:03:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM112525.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 26 03:57:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6417	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6399	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	3239	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3496	0.540	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	108.000%
4) 1,2-Dichloroethane-d4	4.970	65	1865	0.463	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.996	67	2149	0.530	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	106.000%
8) Toluene-d8	7.254	98	4032	0.502	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1462	0.513	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%

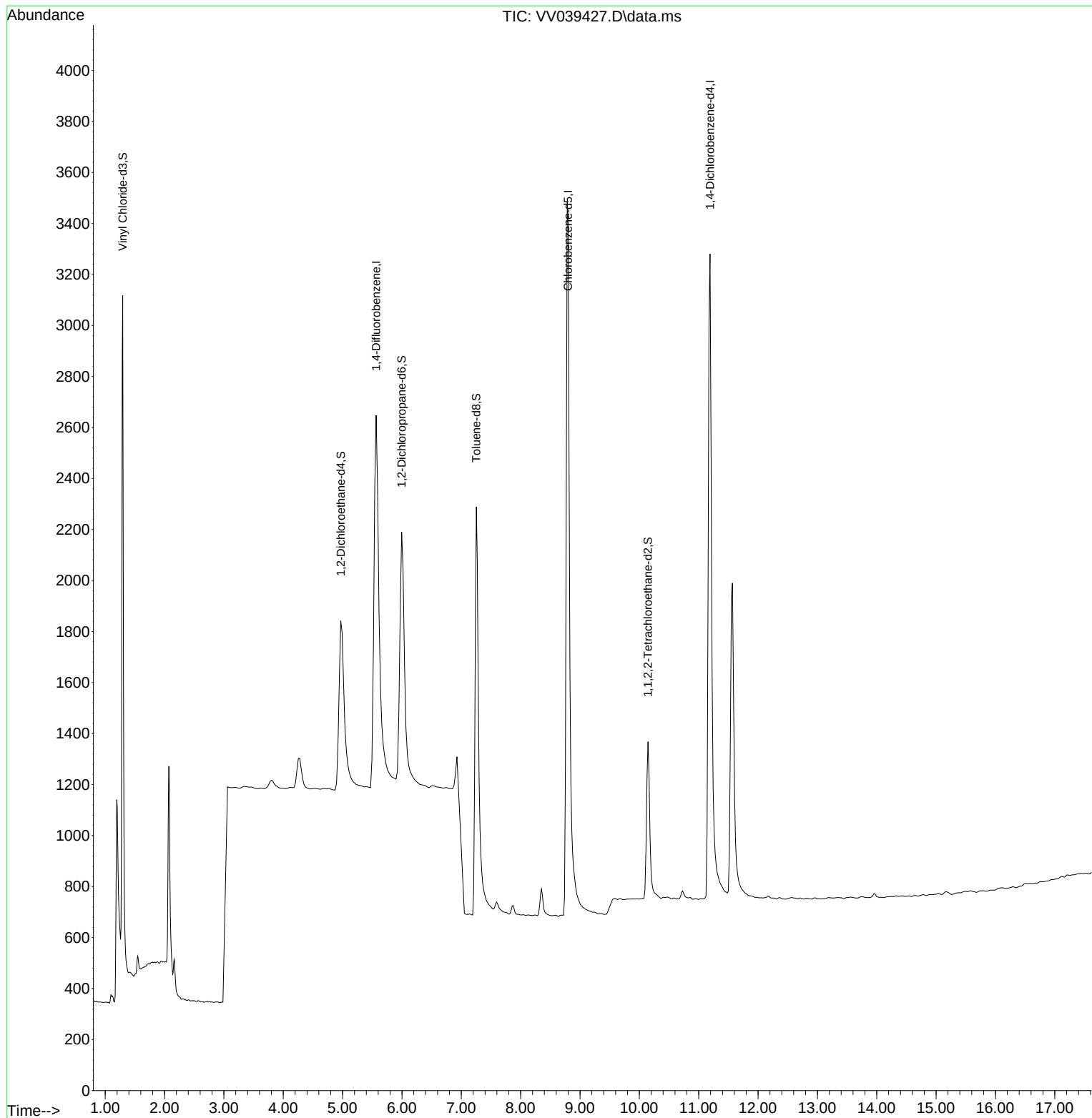
Target Compounds Qvalue

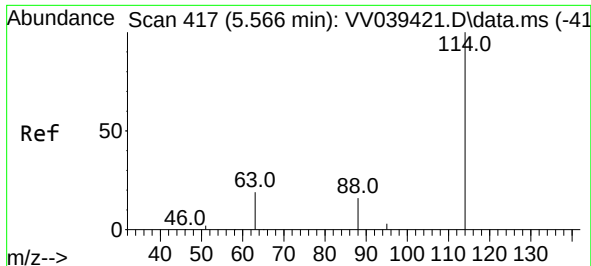
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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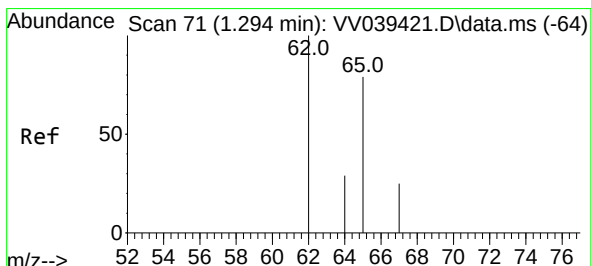
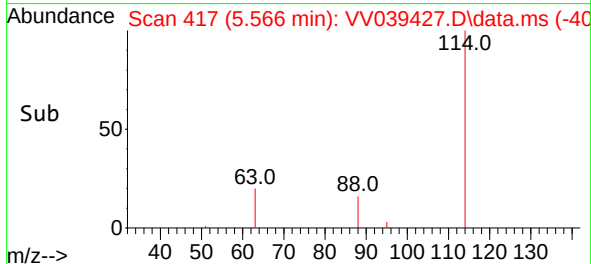
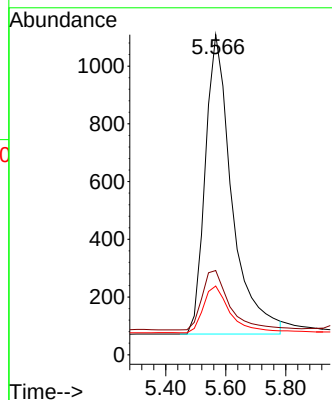
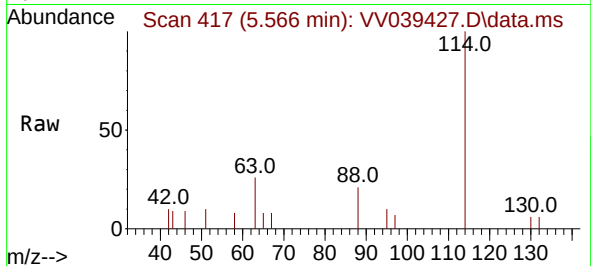




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039427.D
Acq: 25 Nov 2025 13:55

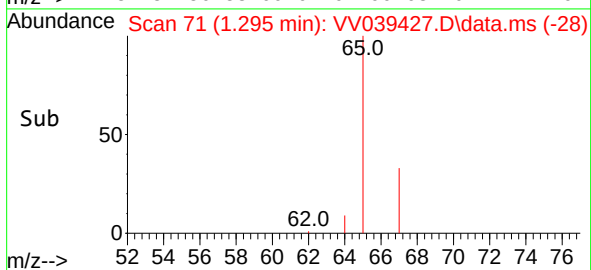
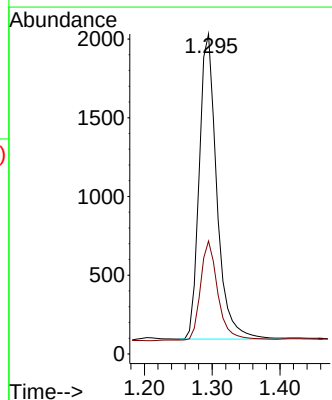
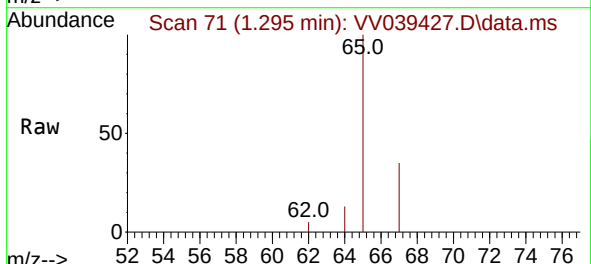
Instrument :
MSVOA_V
ClientSampleId :
VBLK232

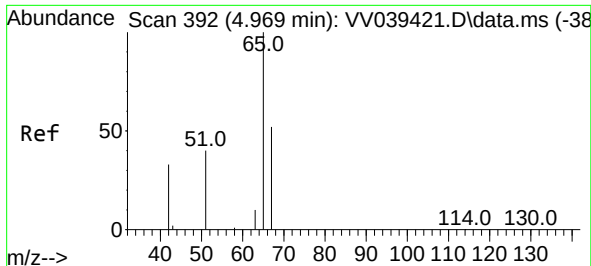
Tgt Ion:114	Resp:	6417
Ion	Ratio	Lower Upper
114	100	
63	20.3	15.8 23.6
88	15.7	12.4 18.6



#2
Vinyl Chloride-d3
Concen: 0.540 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039427.D
Acq: 25 Nov 2025 13:55

Tgt Ion: 65	Resp:	3496
Ion	Ratio	Lower Upper
65	100	
67	33.4	23.0 42.8

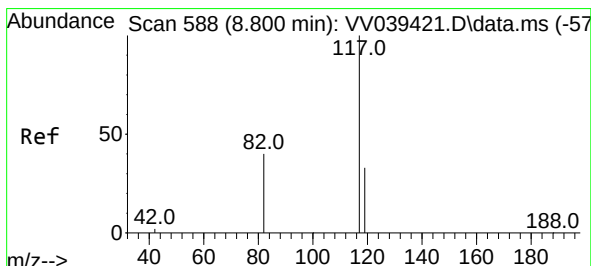
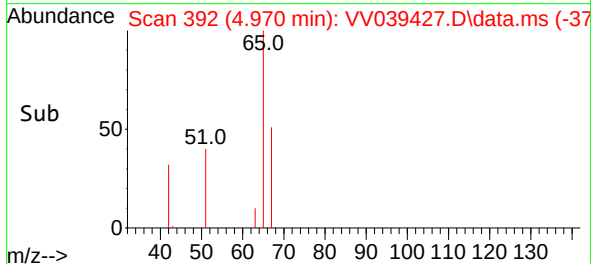
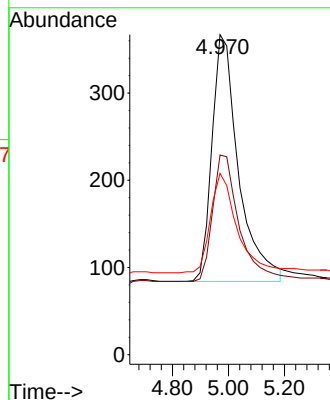
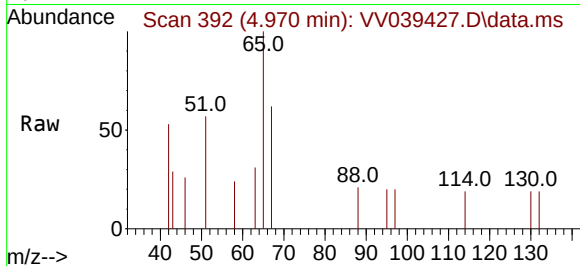




#4
1,2-Dichloroethane-d4
Concen: 0.463 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039427.D
Acq: 25 Nov 2025 13:55

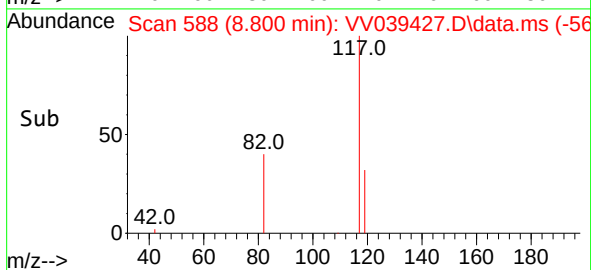
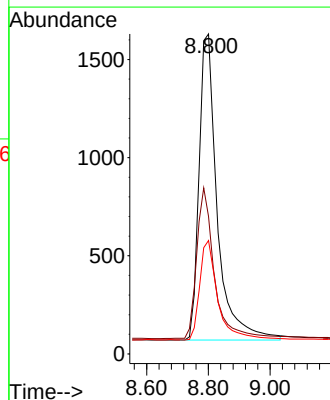
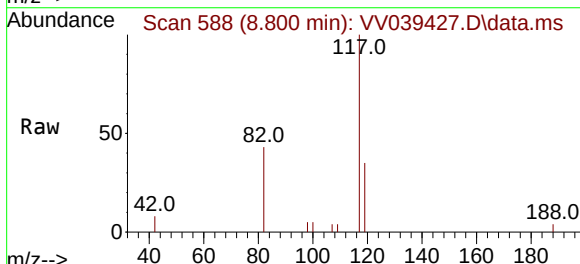
Instrument :
MSVOA_V
ClientSampleId :
VBLK232

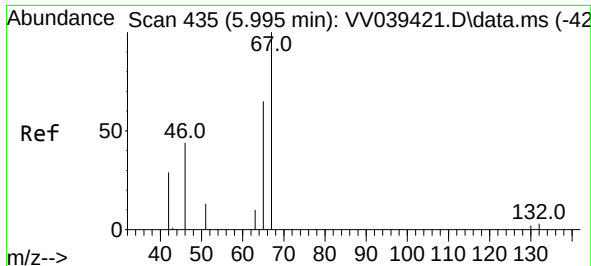
Tgt Ion:	65	Resp:	1865
Ion	Ratio	Lower	Upper
65	100		
67	51.1	37.0	68.8
51	39.8	27.8	51.6



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.000 min
Lab File: VV039427.D
Acq: 25 Nov 2025 13:55

Tgt Ion:	117	Resp:	6399
Ion	Ratio	Lower	Upper
117	100		
82	48.0	38.2	57.4
119	32.5	25.7	38.5



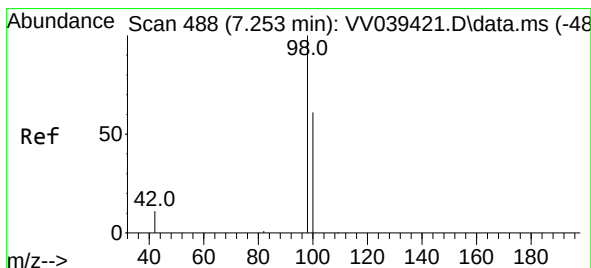
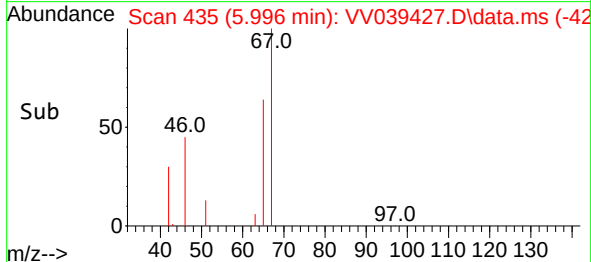
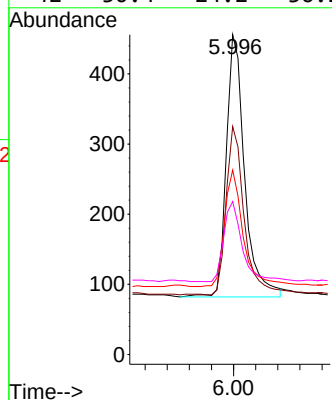
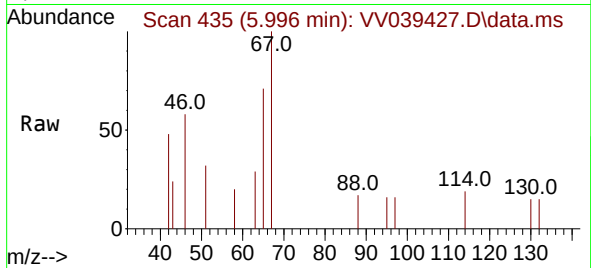


#7
 1,2-Dichloropropane-d6
 Concen: 0.530 ug/L
 RT: 5.996 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VV039427.D
 Acq: 25 Nov 2025 13:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK232

Tgt Ion: 67 Resp: 2149

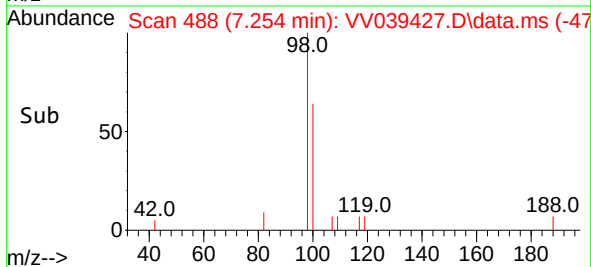
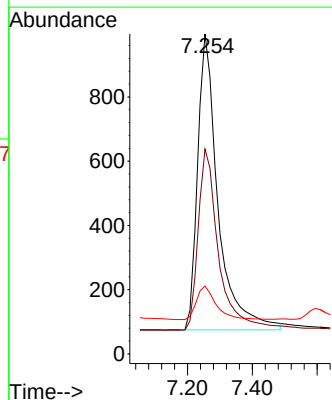
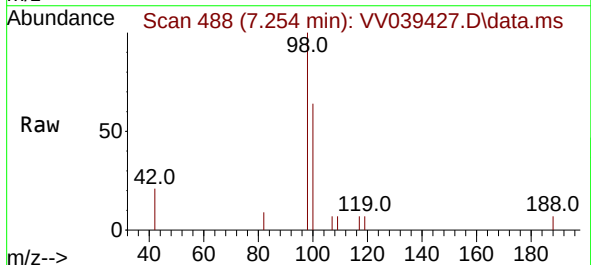
Ion	Ratio	Lower	Upper
67	100		
65	62.8	49.8	74.8
46	44.6	35.8	53.6
42	30.4	24.2	36.2

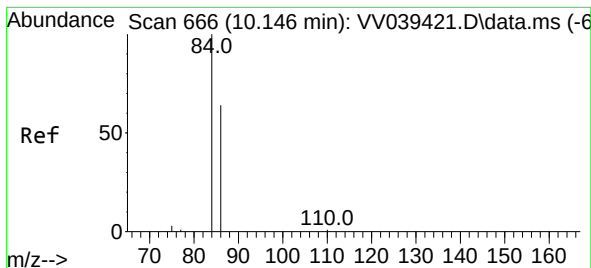


#8
 Toluene-d8
 Concen: 0.502 ug/L
 RT: 7.254 min Scan# 488
 Delta R.T. 0.001 min
 Lab File: VV039427.D
 Acq: 25 Nov 2025 13:55

Tgt Ion: 98 Resp: 4032

Ion	Ratio	Lower	Upper
98	100		
100	61.3	43.1	80.1
42	10.8	7.8	14.4





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.513 ug/L

RT: 10.146 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV039427.D

Acq: 25 Nov 2025 13:55

Instrument :

MSVOA_V

ClientSampleId :

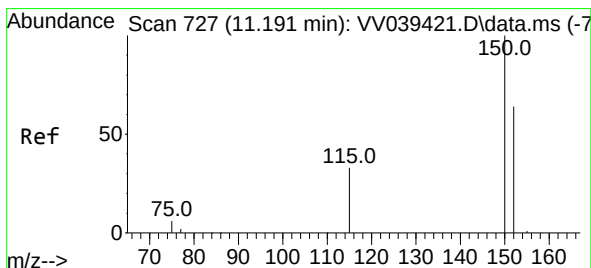
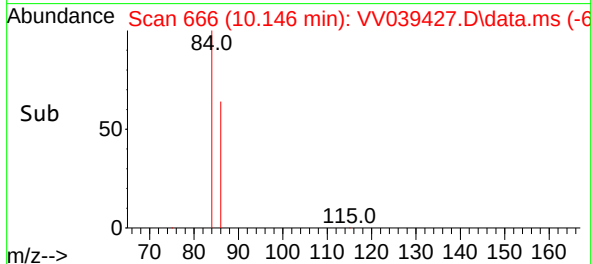
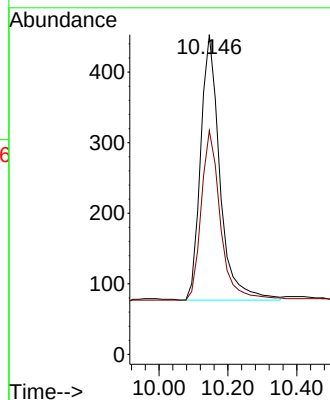
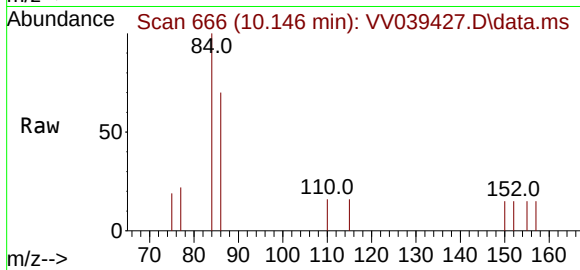
VBLK232

Tgt Ion: 84 Resp: 1462

Ion Ratio Lower Upper

84 100

86 63.8 45.4 84.4



#11

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.191 min Scan# 727

Delta R.T. 0.000 min

Lab File: VV039427.D

Acq: 25 Nov 2025 13:55

Tgt Ion: 152 Resp: 3239

Ion Ratio Lower Upper

152 100

115 54.3 0.0 105.4

150 158.5 0.0 315.4

