

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039424.D
 Acq On : 25 Nov 2025 12:17
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK226

Quant Time: Nov 26 04:00:54 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	7221	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6764	0.500	ug/L	-0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	3503	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3806	0.523	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 104.000%	
4) 1,2-Dichloroethane-d4	4.970	65	2030	0.447	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 90.000%	
7) 1,2-Dichloropropane-d6	5.996	67	2243	0.523	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 104.000%	
8) Toluene-d8	7.254	98	4400	0.519	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 104.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1553	0.516	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 104.000%	

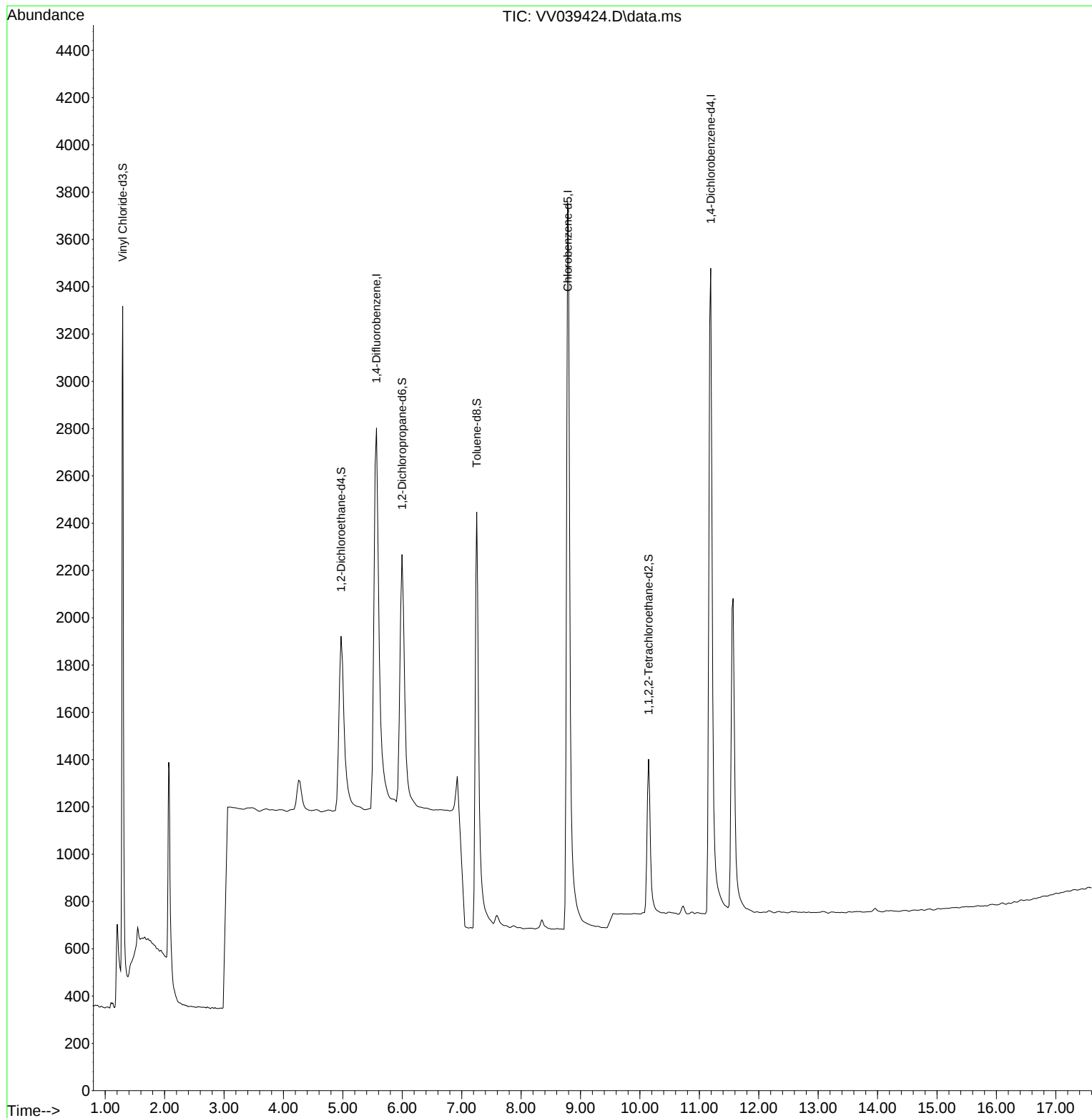
Target Compounds Qvalue

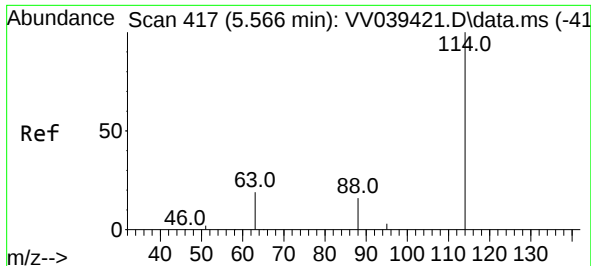
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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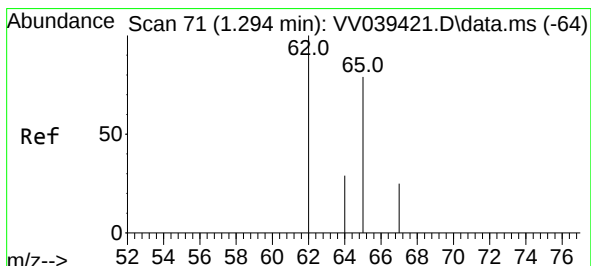
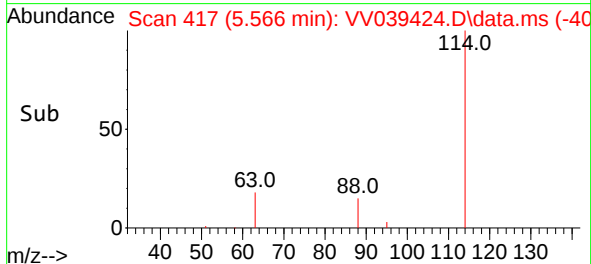
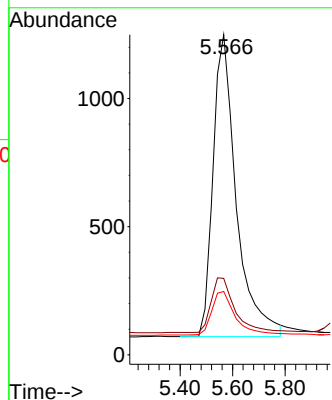
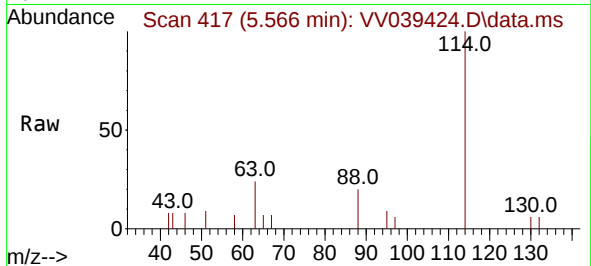




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039424.D
Acq: 25 Nov 2025 12:17

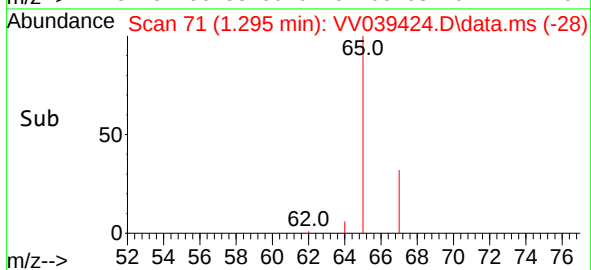
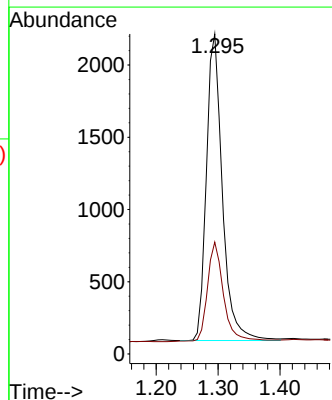
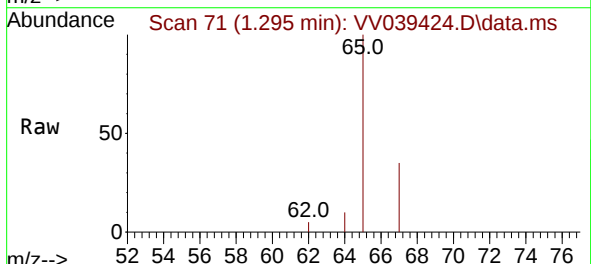
Instrument :
MSVOA_V
ClientSampleId :
VIBLK226

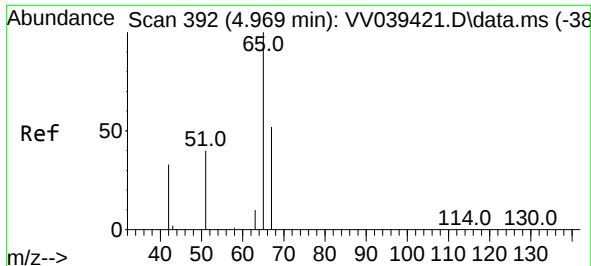
Tgt Ion:	114	Resp:	7221
Ion	Ratio	Lower	Upper
114	100		
63	18.3	15.8	23.6
88	14.6	12.4	18.6



#2
Vinyl Chloride-d3
Concen: 0.523 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039424.D
Acq: 25 Nov 2025 12:17

Tgt Ion:	65	Resp:	3806
Ion	Ratio	Lower	Upper
65	100		
67	32.9	23.0	42.8

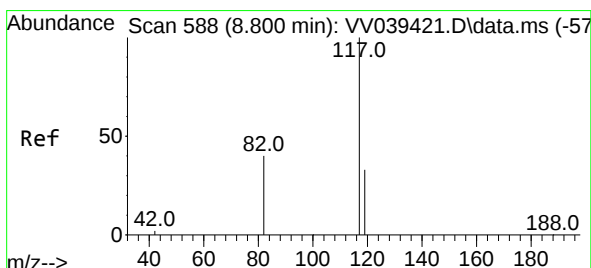
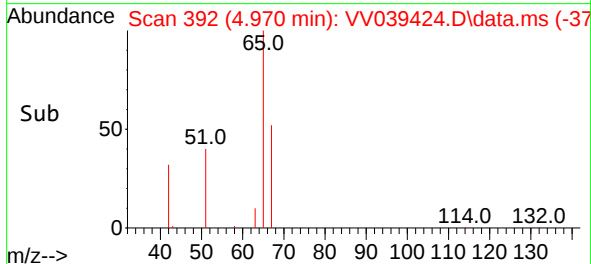
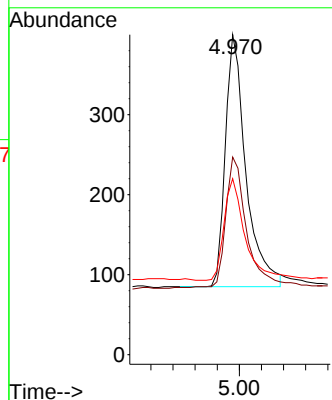
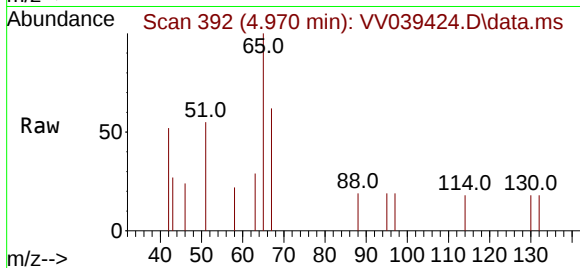




#4
1,2-Dichloroethane-d4
Concen: 0.447 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039424.D
Acq: 25 Nov 2025 12:17

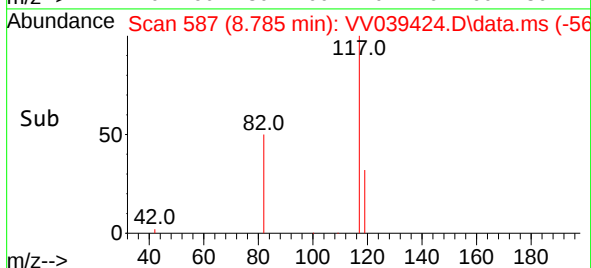
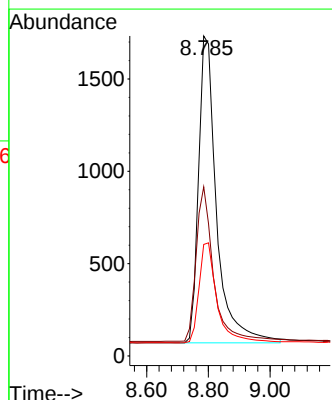
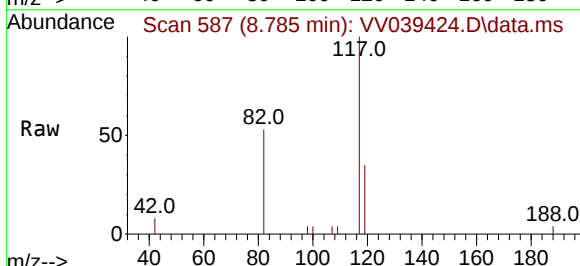
Instrument :
MSVOA_V
ClientSampleId :
VIBLK226

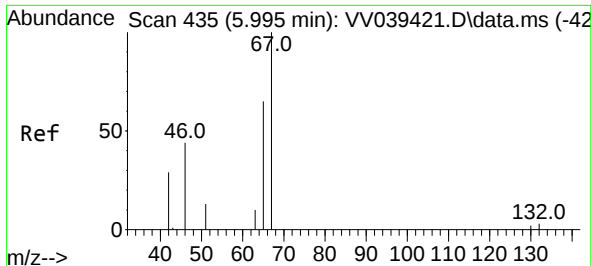
Tgt Ion:	65	Resp:	2030
Ion	Ratio	Lower	Upper
65	100		
67	51.8	37.0	68.8
51	40.7	27.8	51.6



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.015 min
Lab File: VV039424.D
Acq: 25 Nov 2025 12:17

Tgt Ion:	117	Resp:	6764
Ion	Ratio	Lower	Upper
117	100		
82	48.8	38.2	57.4
119	32.7	25.7	38.5



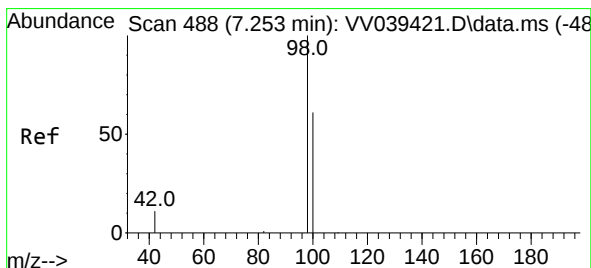
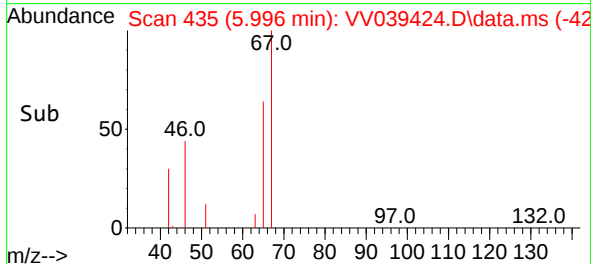
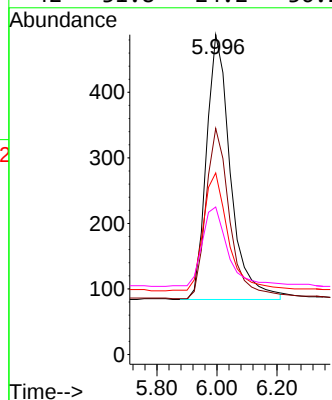
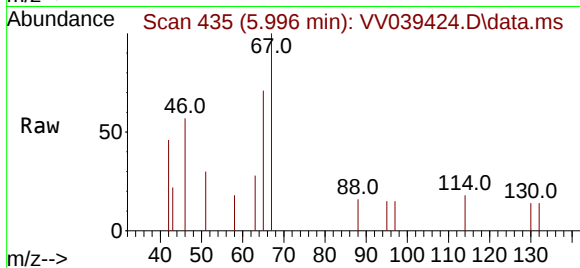


#7
1,2-Dichloropropane-d6
Concen: 0.523 ug/L
RT: 5.996 min Scan# 411
Delta R.T. 0.001 min
Lab File: VV039424.D
Acq: 25 Nov 2025 12:17

Instrument :
MSVOA_V
ClientSampleId :
VIBLK226

Tgt Ion: 67 Resp: 2243

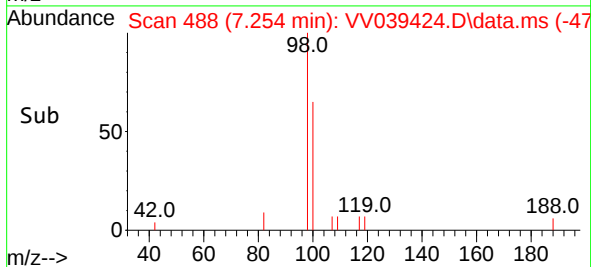
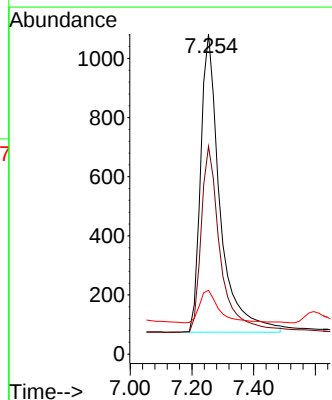
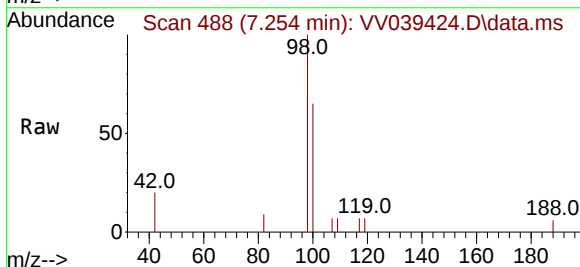
Ion	Ratio	Lower	Upper
67	100		
65	64.1	49.8	74.8
46	46.4	35.8	53.6
42	31.8	24.2	36.2

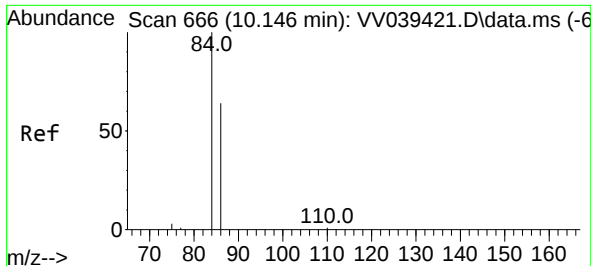


#8
Toluene-d8
Concen: 0.519 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.001 min
Lab File: VV039424.D
Acq: 25 Nov 2025 12:17

Tgt Ion: 98 Resp: 4400

Ion	Ratio	Lower	Upper
98	100		
100	61.5	43.1	80.1
42	11.1	7.8	14.4





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.516 ug/L

RT: 10.146 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV039424.D

Acq: 25 Nov 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

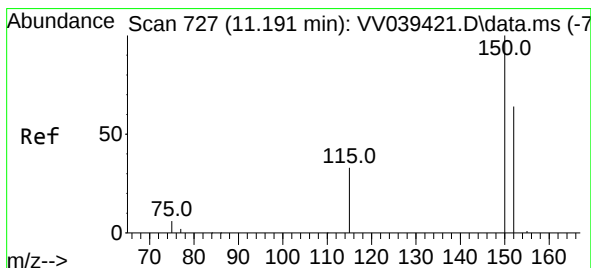
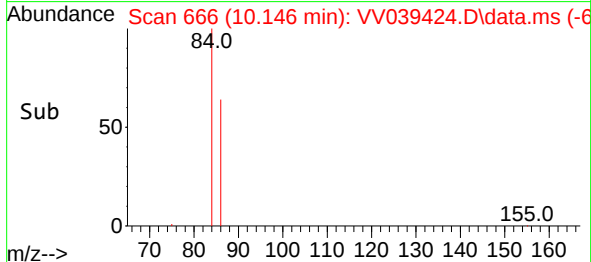
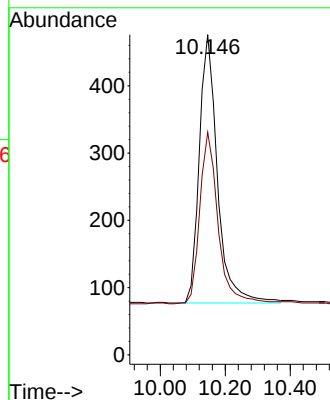
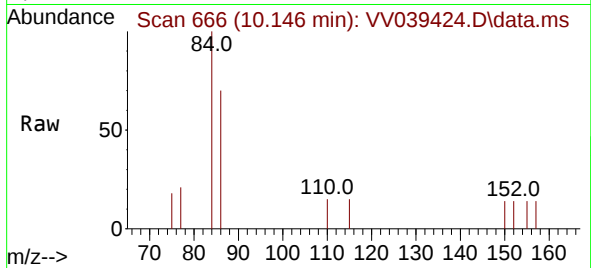
VIBLK226

Tgt Ion: 84 Resp: 1553

Ion Ratio Lower Upper

84 100

86 64.1 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: VV039424.D

Acq: 25 Nov 2025 12:17

Tgt Ion: 152 Resp: 3503

Ion Ratio Lower Upper

152 100

115 54.0 0.0 105.4

150 158.1 0.0 315.4

