

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039490.D
 Acq On : 08 Dec 2025 14:15
 Operator : SY/MD
 Sample : VIBLK231
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK231

Quant Time: Dec 09 01:27:27 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	7095	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	6849	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	3613	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	4127	0.578	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	116.000%
4) 1,2-Dichloroethane-d4	4.970	65	2110	0.447	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
7) 1,2-Dichloropropane-d6	5.996	67	2419	0.419	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	4619	0.474	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1771	0.544	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%

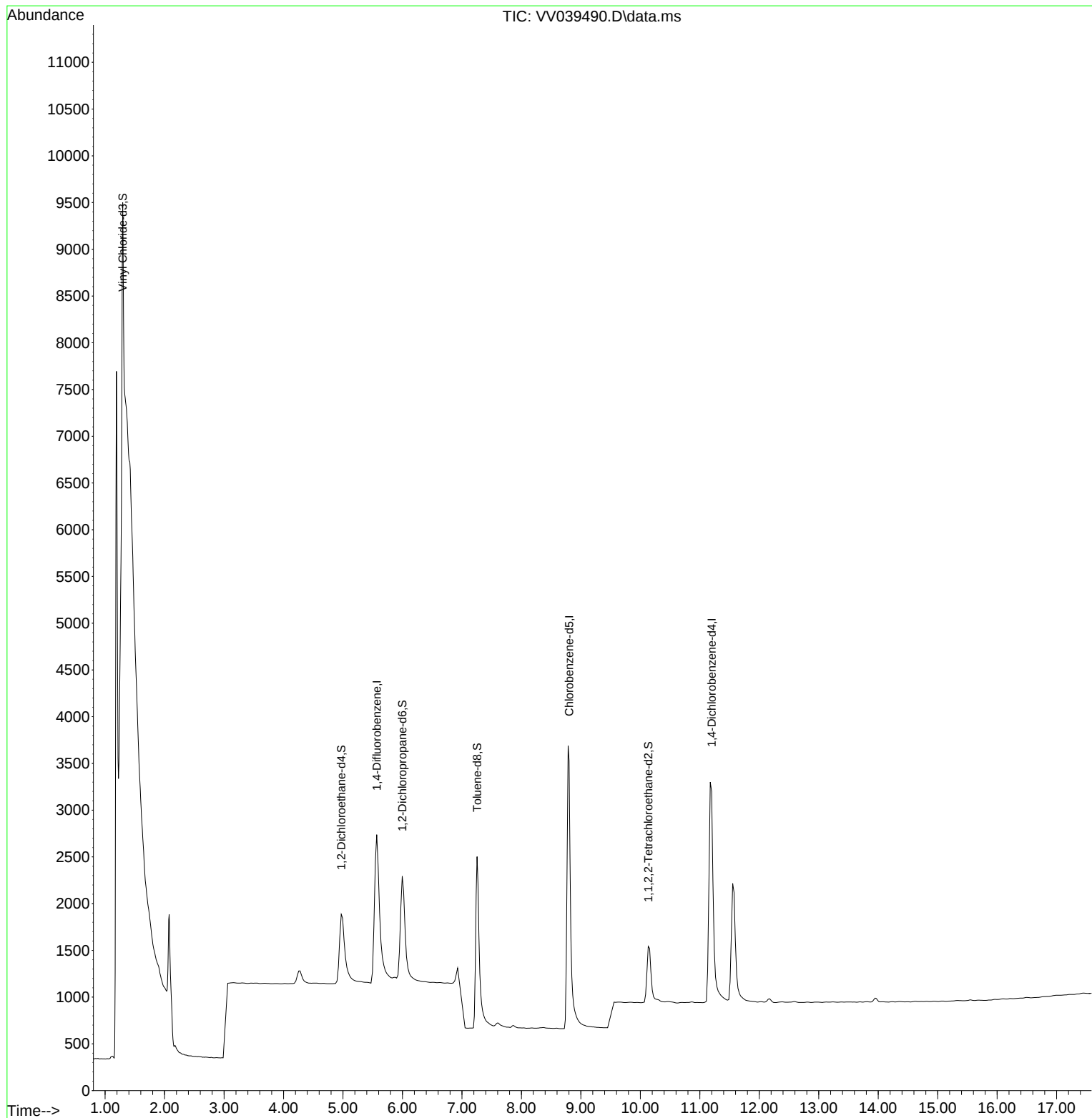
Target Compounds	Qvalue

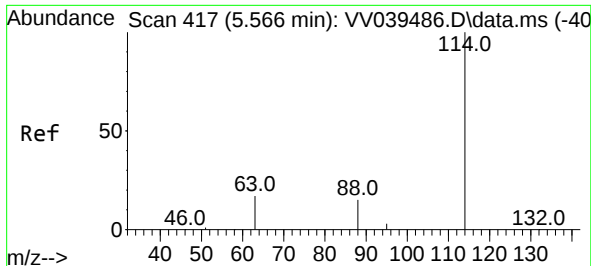
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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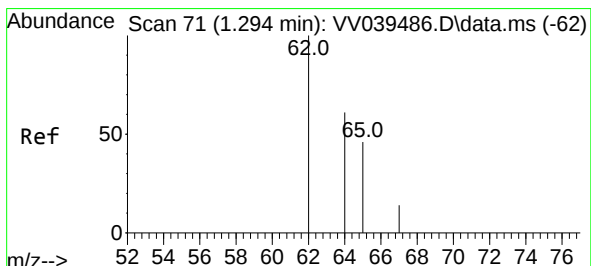
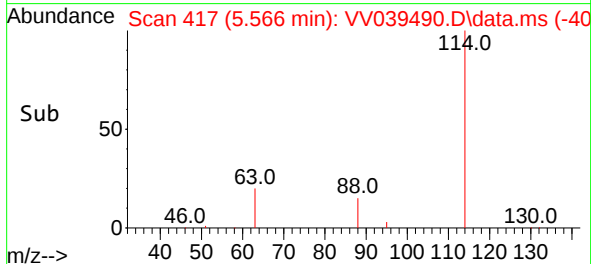
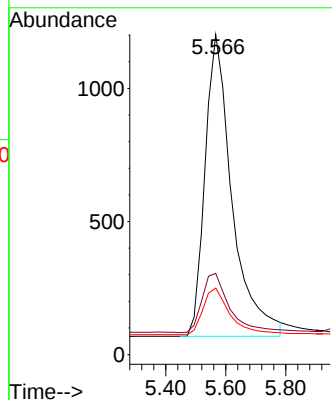
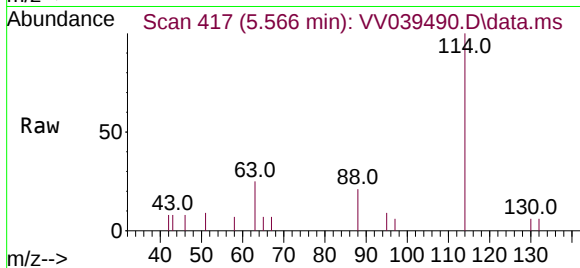




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039490.D
 Acq: 08 Dec 2025 14:15

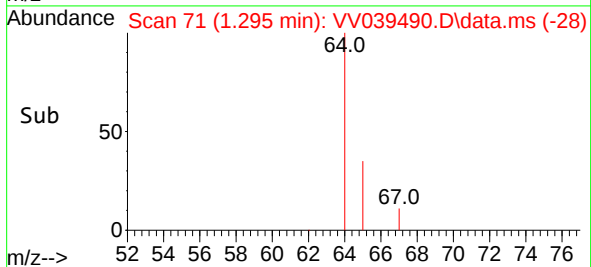
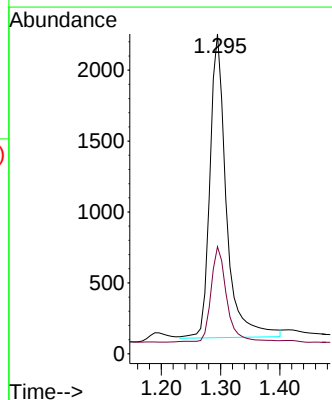
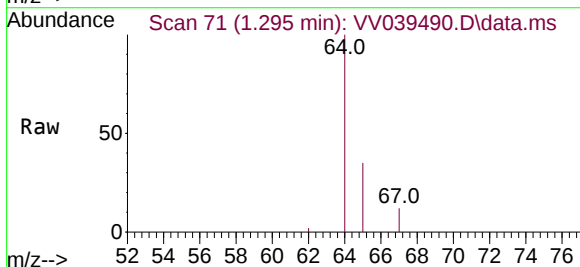
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK231

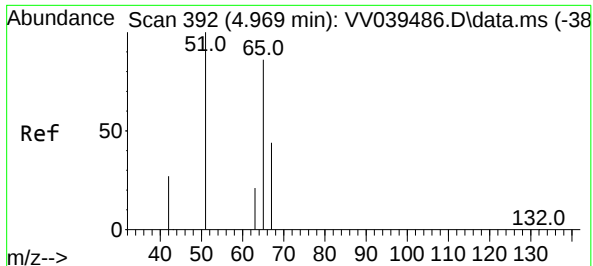
Tgt Ion:114	Resp:	7095
Ion	Ratio	Lower Upper
114	100	
63	19.9	15.0 22.4
88	15.4	12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 0.578 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039490.D
 Acq: 08 Dec 2025 14:15

Tgt Ion: 65	Resp:	4127
Ion	Ratio	Lower Upper
65	100	
67	30.3	22.3 41.5

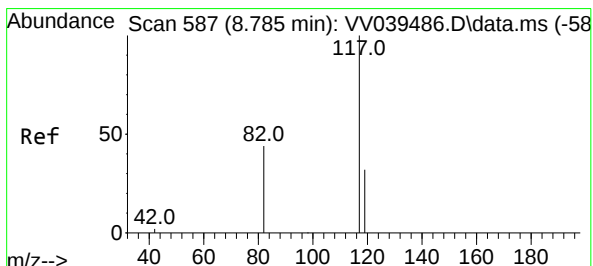
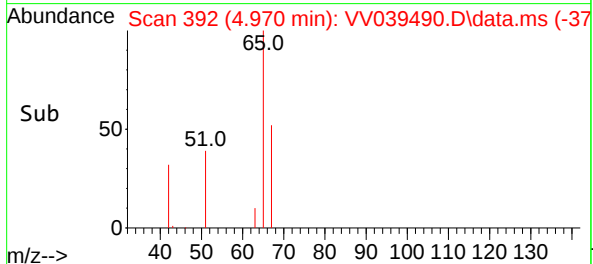
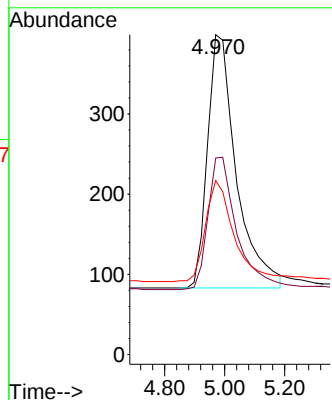
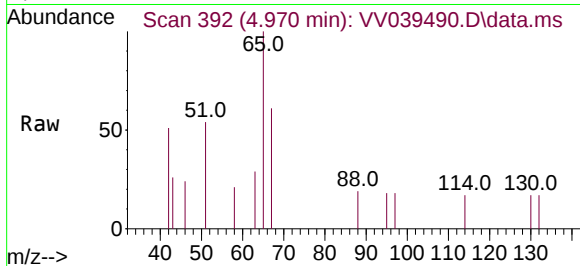




#4
1,2-Dichloroethane-d4
Concen: 0.447 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039490.D
Acq: 08 Dec 2025 14:15

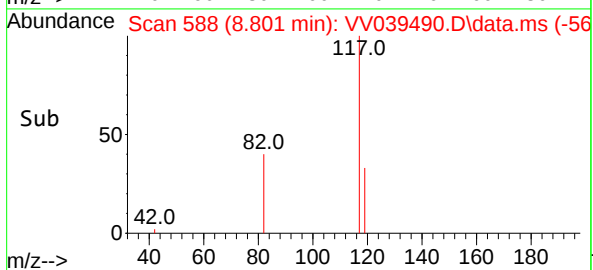
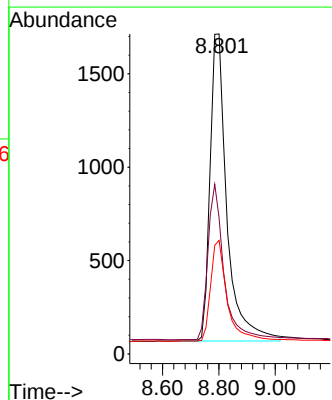
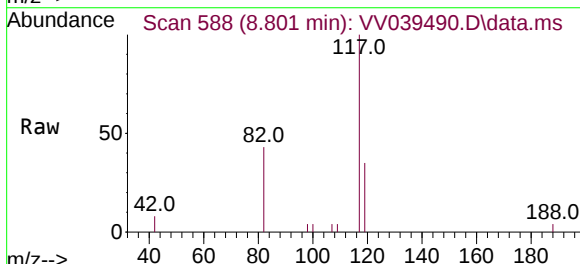
Instrument :
MSVOA_V
ClientSampleId :
VIBLK231

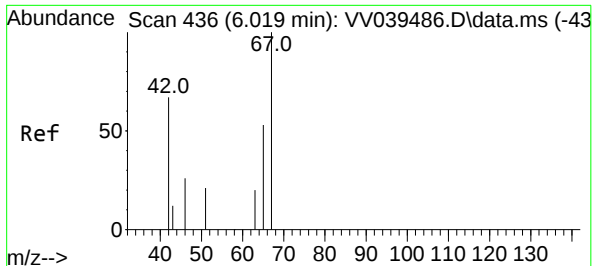
Tgt Ion: 65 Resp: 2110
Ion Ratio Lower Upper
65 100
67 52.2 32.5 60.3
51 39.7 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039490.D
Acq: 08 Dec 2025 14:15

Tgt Ion:117 Resp: 6849
Ion Ratio Lower Upper
117 100
82 48.4 39.4 59.2
119 32.0 26.2 39.2



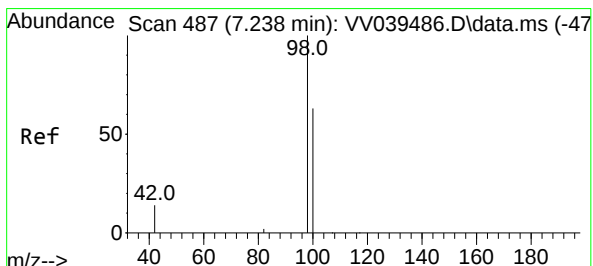
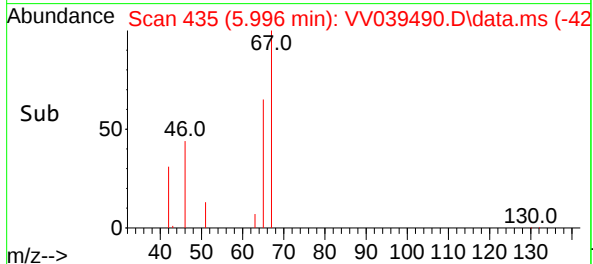
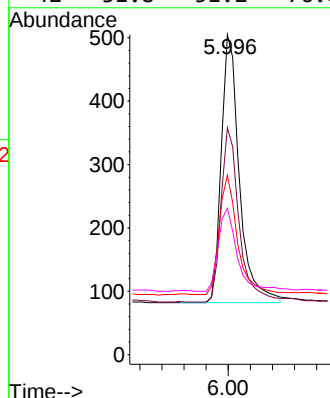
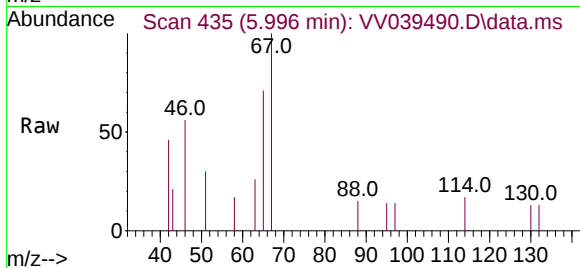


#7
1,2-Dichloropropane-d6
Concen: 0.419 ug/L
RT: 5.996 min Scan# 436
Delta R.T. -0.023 min
Lab File: VV039490.D
Acq: 08 Dec 2025 14:15

Instrument :
MSVOA_V
ClientSampleId :
VIBLK231

Tgt Ion: 67 Resp: 2419

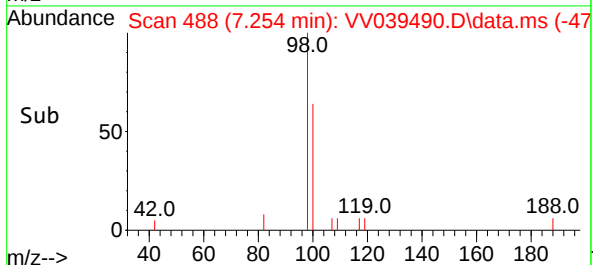
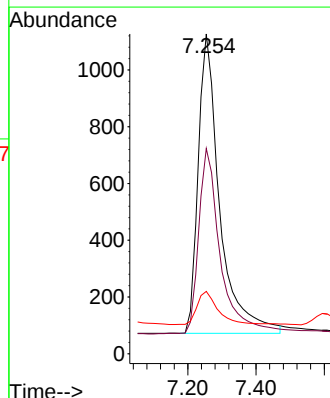
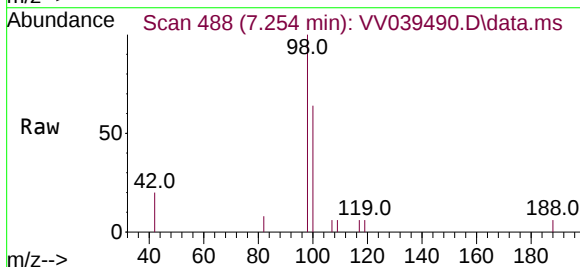
Ion	Ratio	Lower	Upper
67	100		
65	65.0	37.9	56.9#
46	44.9	27.4	41.0#
42	31.8	51.2	76.8#

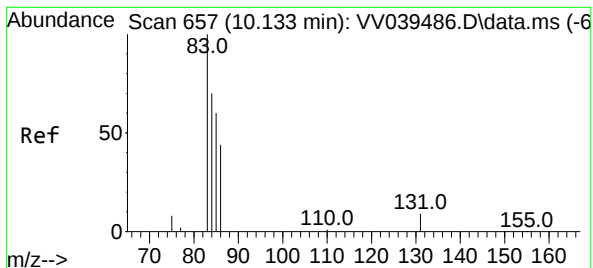


#8
Toluene-d8
Concen: 0.474 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039490.D
Acq: 08 Dec 2025 14:15

Tgt Ion: 98 Resp: 4619

Ion	Ratio	Lower	Upper
98	100		
100	61.6	44.5	82.7
42	10.9	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.544 ug/L

RT: 10.133 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV039490.D

Acq: 08 Dec 2025 14:15

Instrument :

MSVOA_V

ClientSampleId :

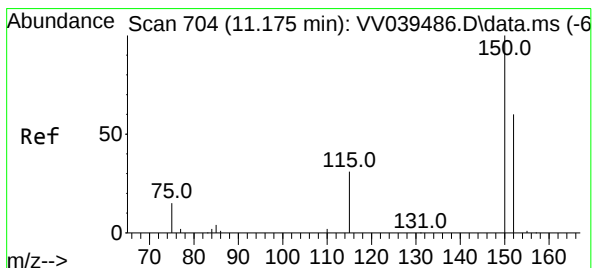
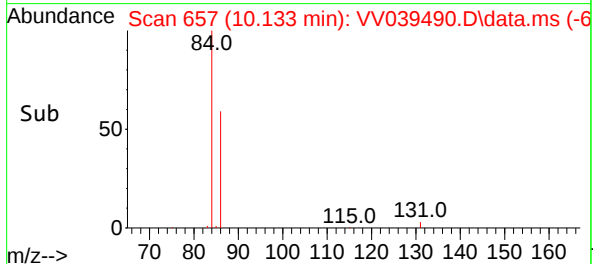
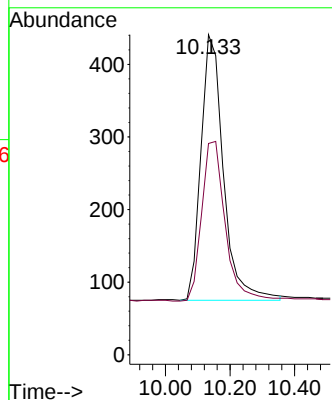
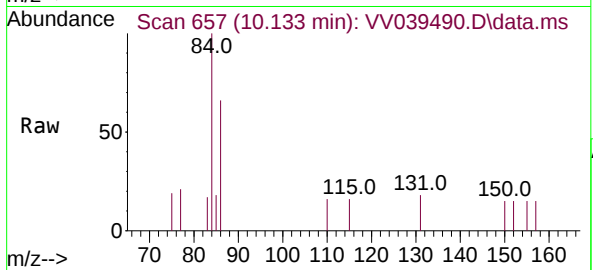
VIBLK231

Tgt Ion: 84 Resp: 1771

Ion Ratio Lower Upper

84 100

86 62.8 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.198 min Scan# 705

Delta R.T. 0.023 min

Lab File: VV039490.D

Acq: 08 Dec 2025 14:15

Tgt Ion:152 Resp: 3613

Ion Ratio Lower Upper

152 100

115 54.9 0.0 101.6

150 159.3 0.0 396.2

