

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039452.D
 Acq On : 03 Dec 2025 13:50
 Operator : SY/MD
 Sample : VV1203WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK234

Quant Time: Dec 04 01:09:45 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	6543	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6518	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3268	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3580	0.544	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	108.000%
4) 1,2-Dichloroethane-d4	4.993	65	1973	0.453	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
7) 1,2-Dichloropropane-d6	5.995	67	2268	0.412	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.253	98	4320	0.466	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1646	0.531	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%

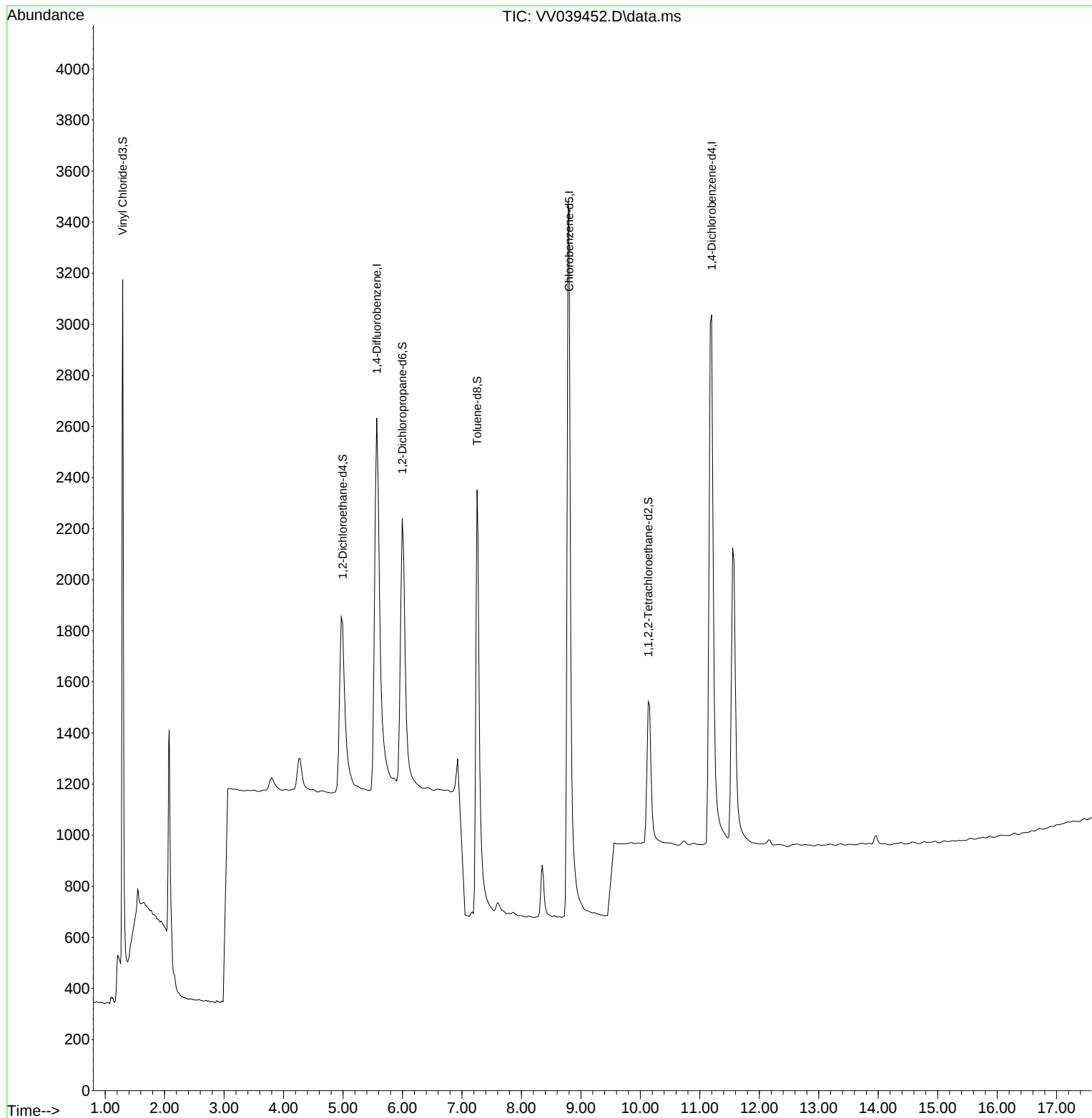
Target Compounds	Qvalue

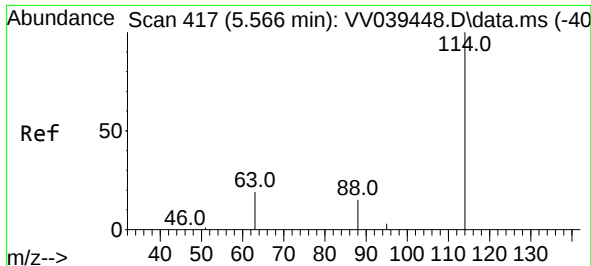
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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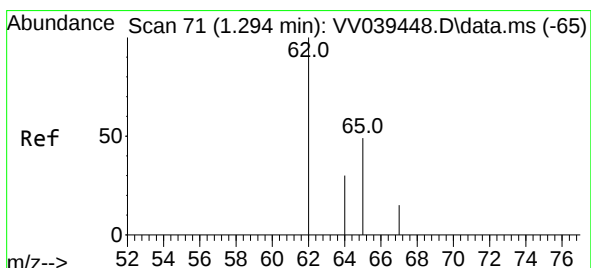
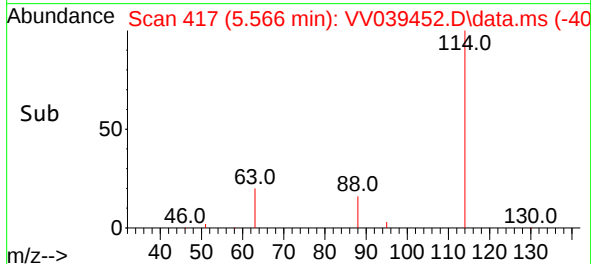
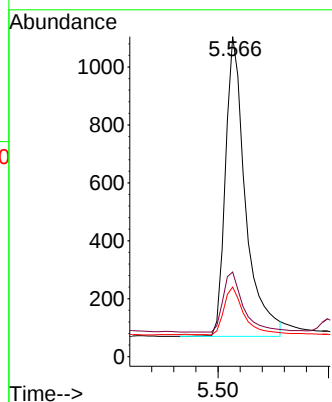
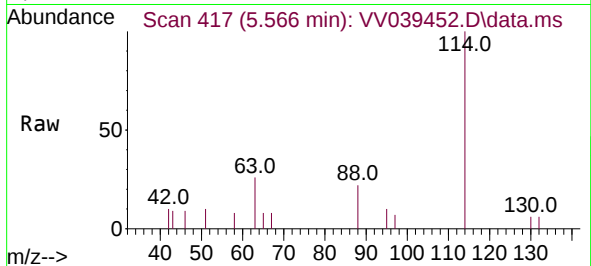




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039452.D
Acq: 03 Dec 2025 13:50

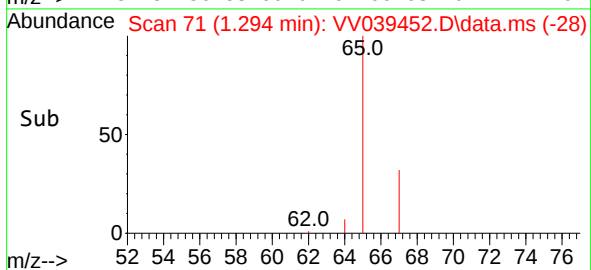
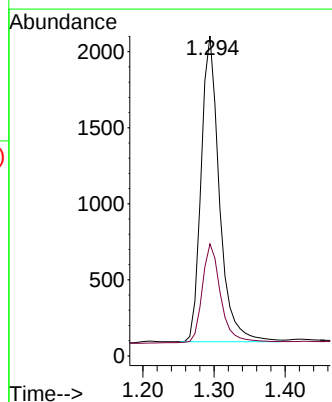
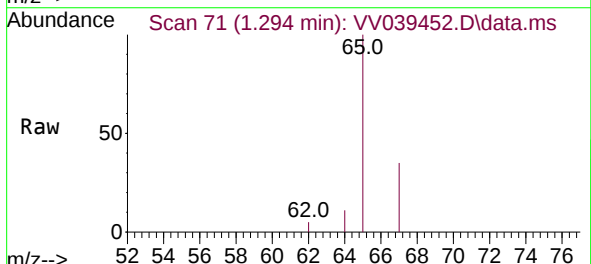
Instrument :
MSVOA_V
ClientSampleId :
VBLK234

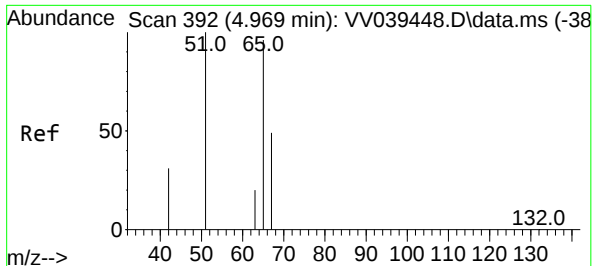
Tgt Ion:	114	Resp:	6543
Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.0	22.4
88	15.7	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.544 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039452.D
Acq: 03 Dec 2025 13:50

Tgt Ion:	65	Resp:	3580
Ion	Ratio	Lower	Upper
65	100		
67	33.9	22.3	41.5

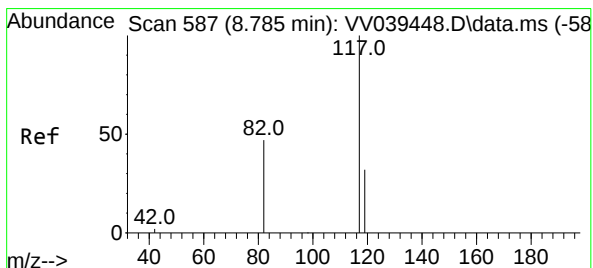
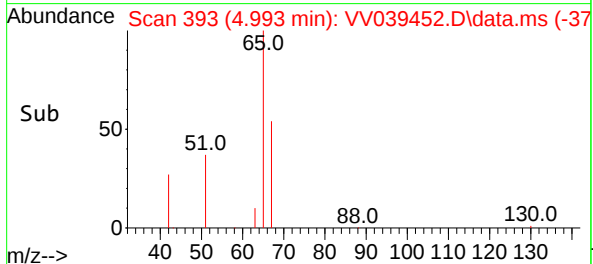
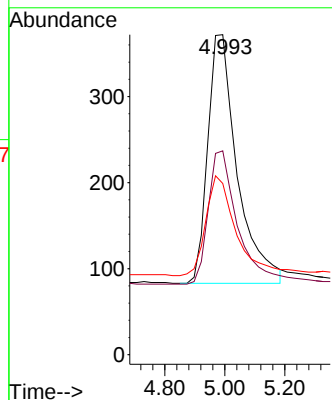
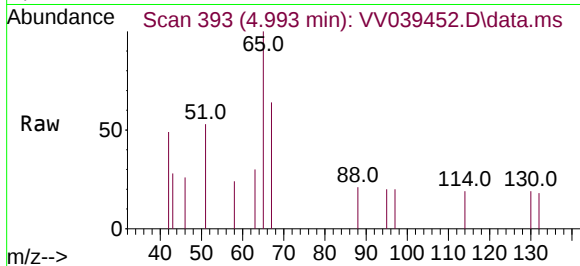




#4
1,2-Dichloroethane-d4
Concen: 0.453 ug/L
RT: 4.993 min Scan# 39
Delta R.T. 0.024 min
Lab File: VV039452.D
Acq: 03 Dec 2025 13:50

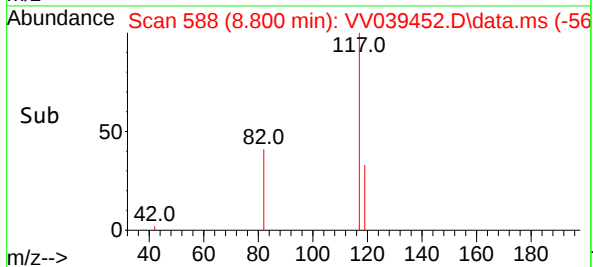
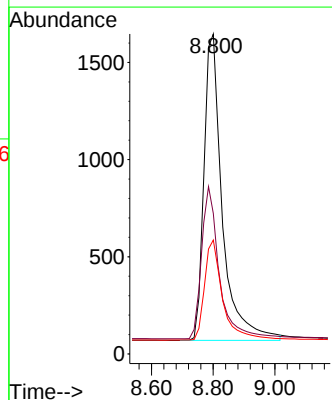
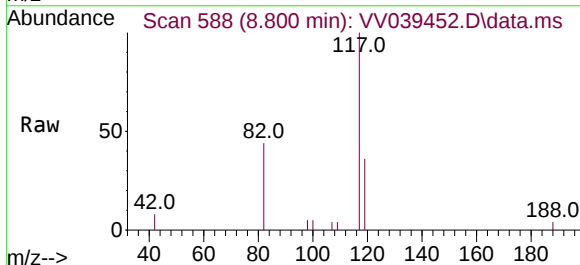
Instrument :
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ClientSampleId :
VBLK234

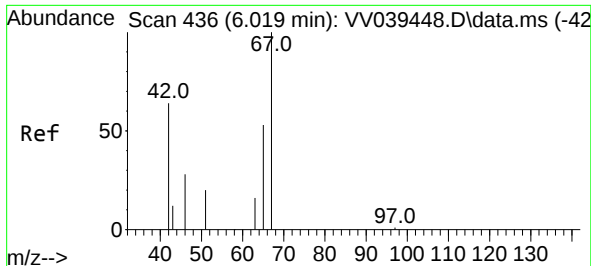
Tgt Ion: 65 Resp: 1973
Ion Ratio Lower Upper
65 100
67 53.3 32.5 60.3
51 40.6 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039452.D
Acq: 03 Dec 2025 13:50

Tgt Ion: 117 Resp: 6518
Ion Ratio Lower Upper
117 100
82 48.3 39.4 59.2
119 32.1 26.2 39.2

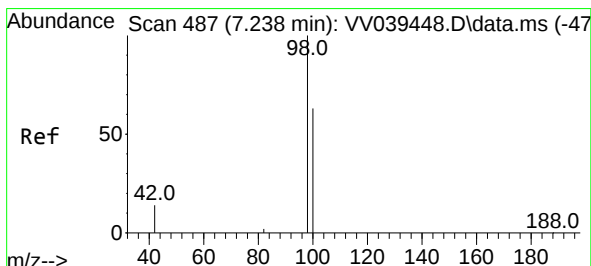
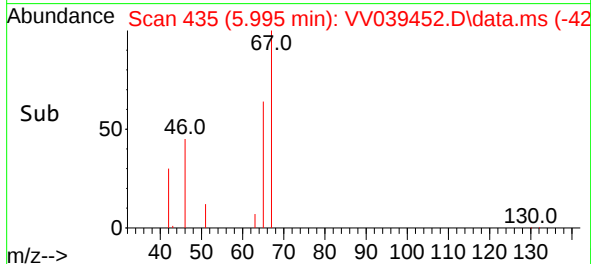
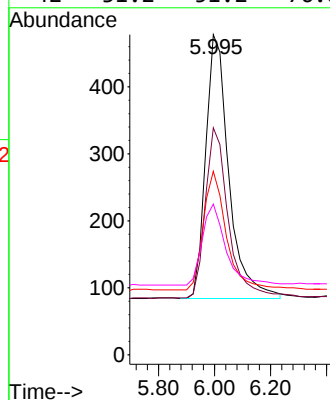
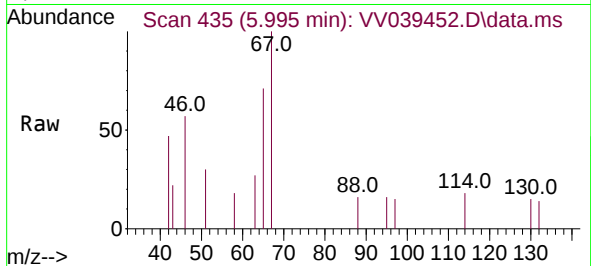




#7
1,2-Dichloropropane-d6
Concen: 0.412 ug/L
RT: 5.995 min Scan# 436
Delta R.T. -0.024 min
Lab File: VV039452.D
Acq: 03 Dec 2025 13:50

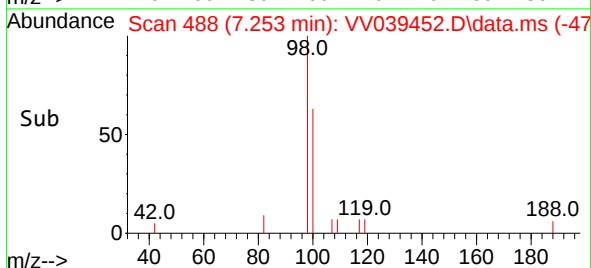
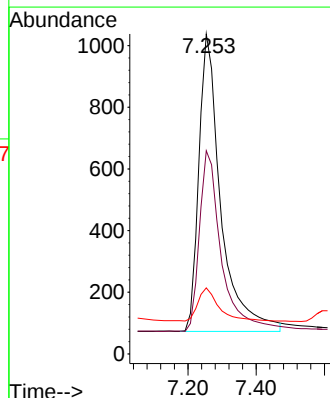
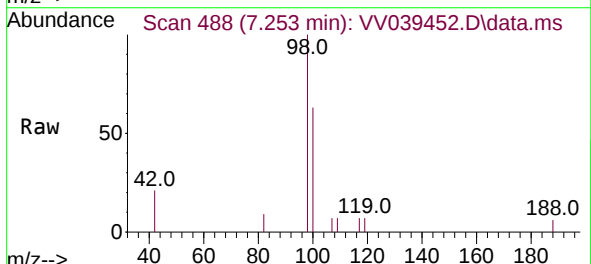
Instrument :
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VBLK234

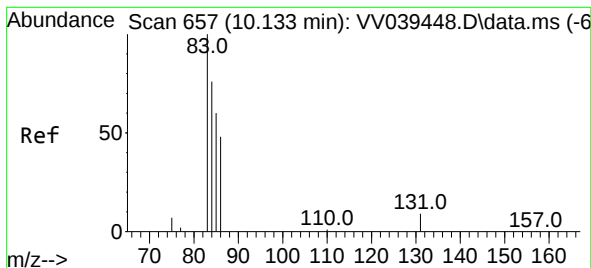
Tgt Ion:	67	Resp:	2268
Ion	Ratio	Lower	Upper
67	100		
65	64.5	37.9	56.9#
46	44.2	27.4	41.0#
42	31.2	51.2	76.8#



#8
Toluene-d8
Concen: 0.466 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039452.D
Acq: 03 Dec 2025 13:50

Tgt Ion:	98	Resp:	4320
Ion	Ratio	Lower	Upper
98	100		
100	60.7	44.5	82.7
42	10.3	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.531 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039452.D

Acq: 03 Dec 2025 13:50

Instrument :

MSVOA_V

ClientSampleId :

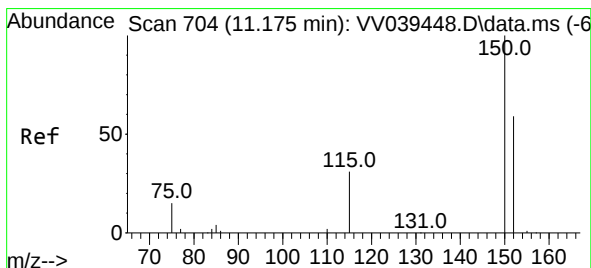
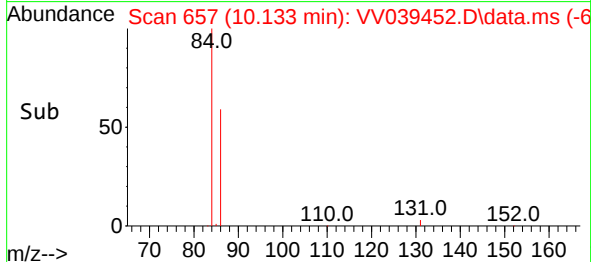
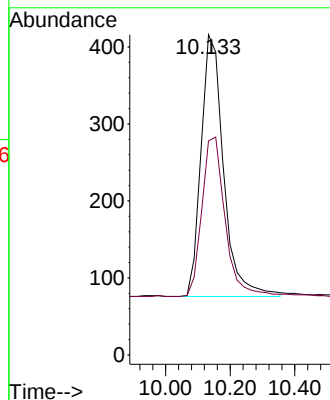
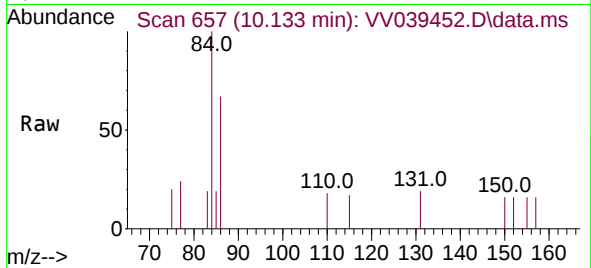
VBLK234

Tgt Ion: 84 Resp: 1646

Ion Ratio Lower Upper

84 100

86 62.6 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039452.D

Acq: 03 Dec 2025 13:50

Tgt Ion:152 Resp: 3268

Ion Ratio Lower Upper

152 100

115 55.8 0.0 101.6

150 160.3 0.0 396.2

