

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039535.D
 Acq On : 11 Dec 2025 12:04
 Operator : SY/MD
 Sample : VV1211WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK240

Quant Time: Dec 12 00:48:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5311	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5097	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2635	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3180	0.610	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	122.000%
4) 1,2-Dichloroethane-d4	4.970	65	1762	0.498	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
7) 1,2-Dichloropropane-d6	5.996	67	2019	0.469	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	94.000%
8) Toluene-d8	7.254	98	3786	0.522	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1427	0.589	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	118.000%

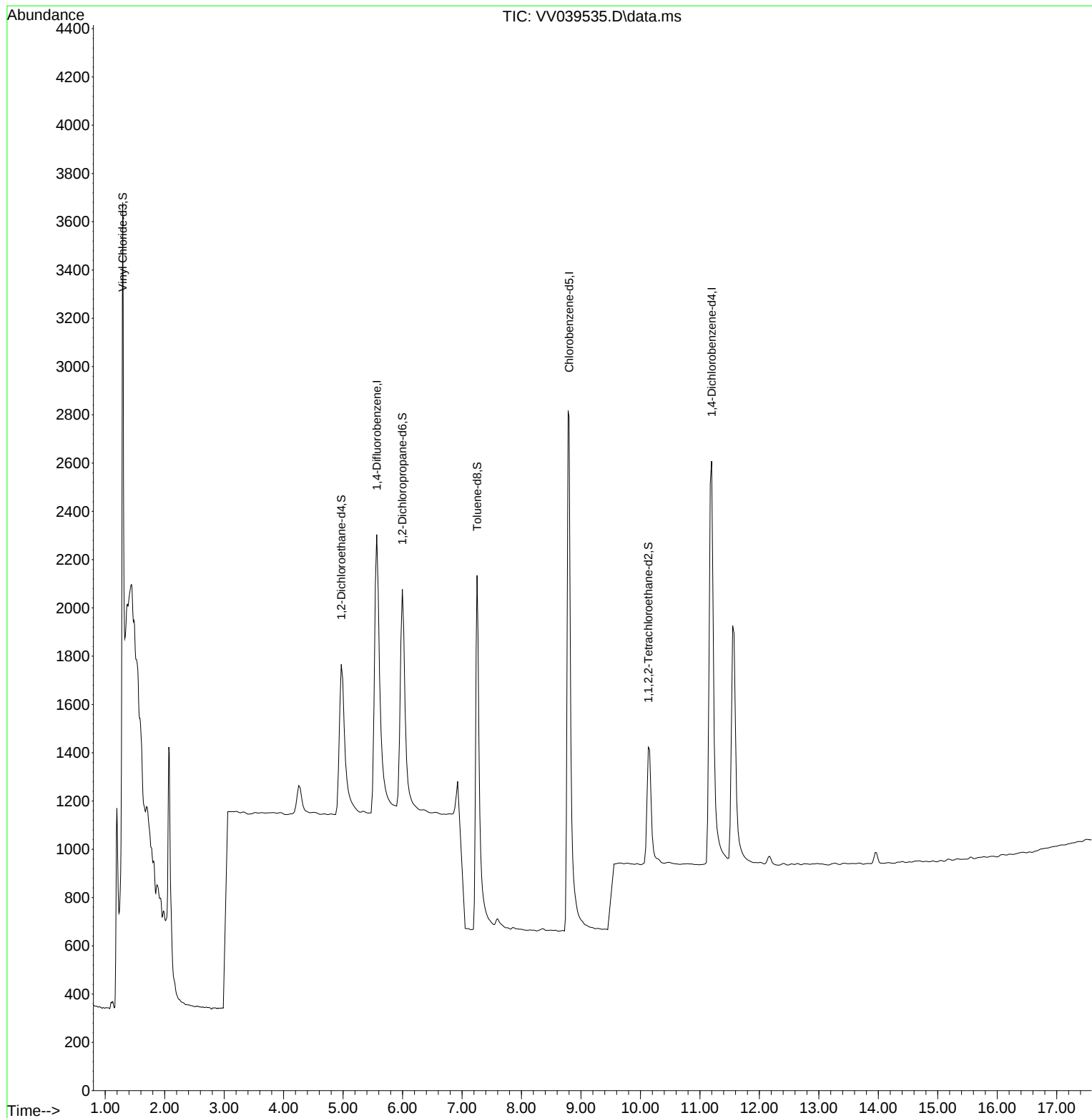
Target Compounds	Qvalue

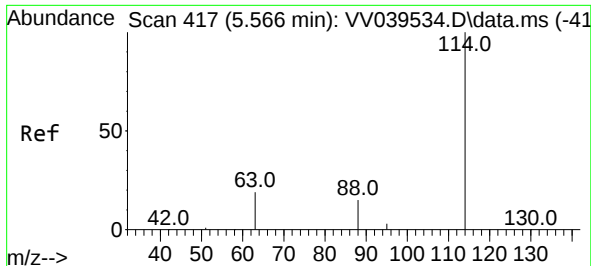
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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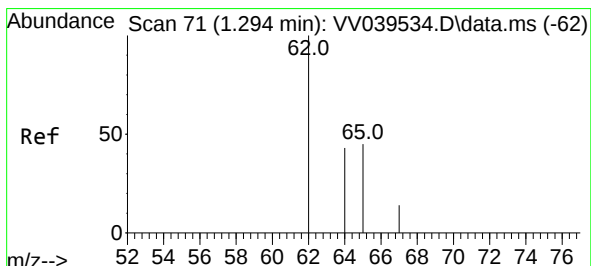
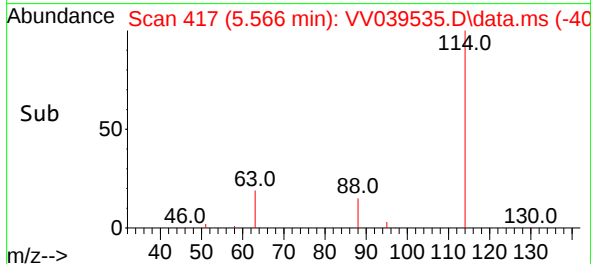
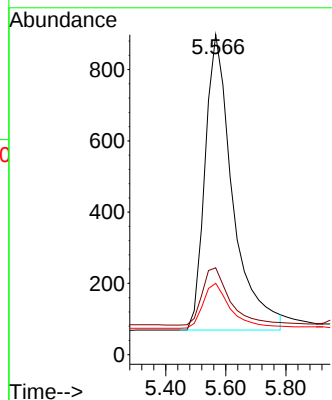
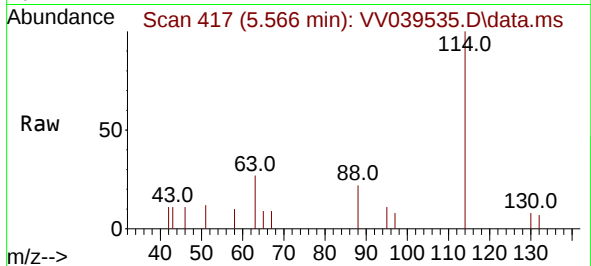




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

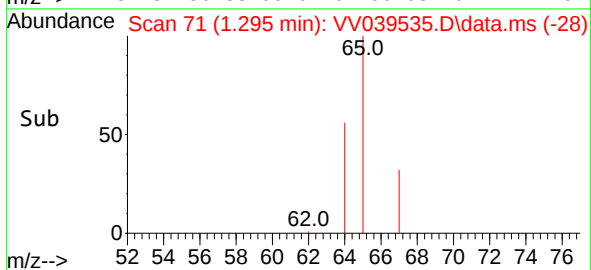
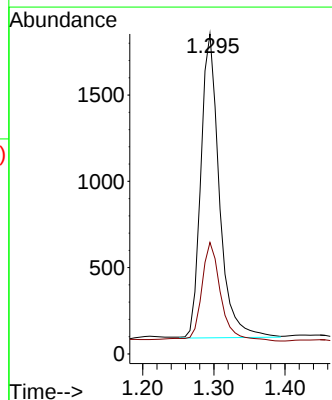
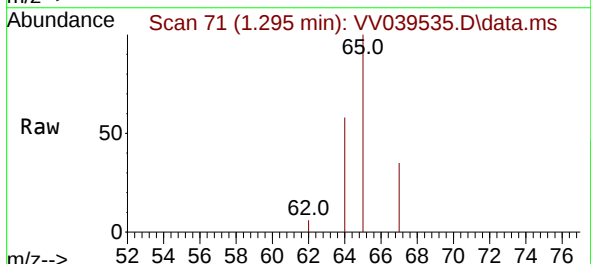
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

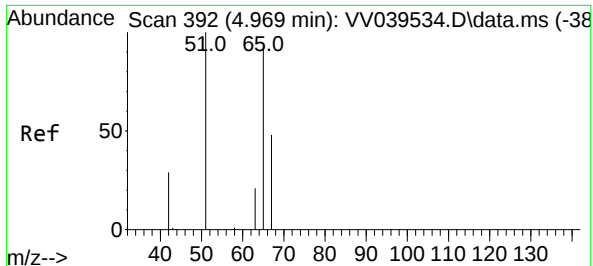
Tgt Ion:	114	Resp:	5311
Ion	Ratio	Lower	Upper
114	100		
63	19.5	15.0	22.4
88	15.2	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.610 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Tgt Ion:	65	Resp:	3180
Ion	Ratio	Lower	Upper
65	100		
67	34.3	22.3	41.5





#4

1,2-Dichloroethane-d4

Concen: 0.498 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039535.D

Acq: 11 Dec 2025 12:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK240

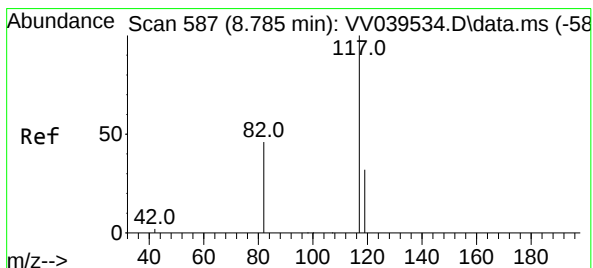
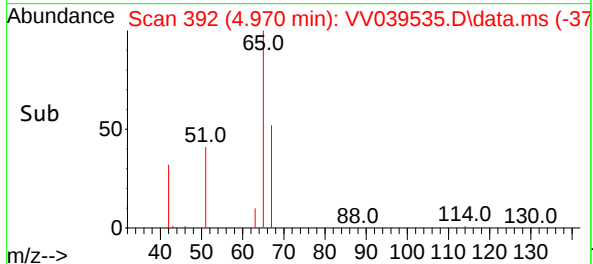
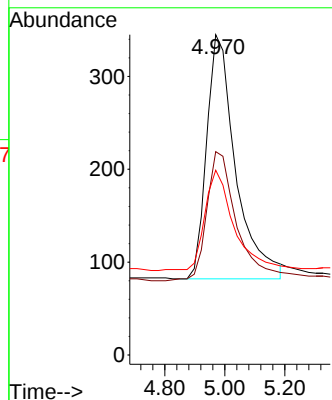
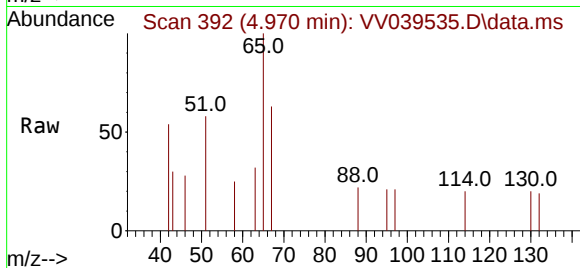
Tgt Ion: 65 Resp: 1762

Ion Ratio Lower Upper

65 100

67 54.5 32.5 60.3

51 41.2 121.4 225.6#



#5

Chlorobenzene-d5

Concen: 0.500 ug/L

RT: 8.800 min Scan# 588

Delta R.T. 0.015 min

Lab File: VV039535.D

Acq: 11 Dec 2025 12:04

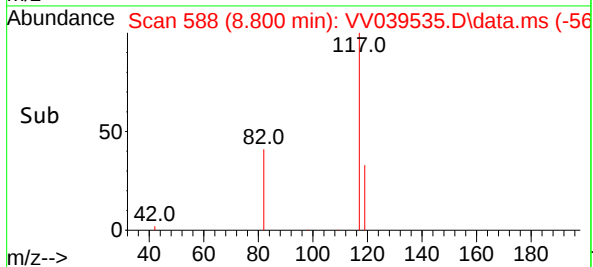
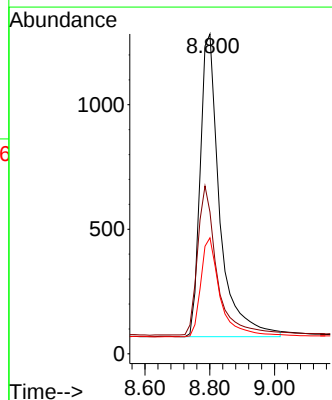
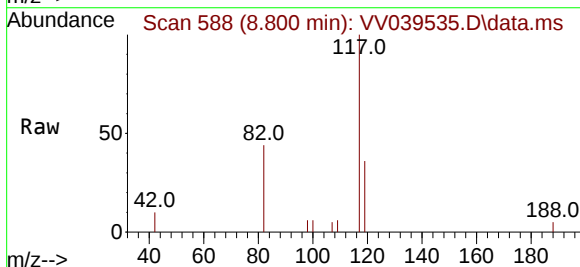
Tgt Ion: 117 Resp: 5097

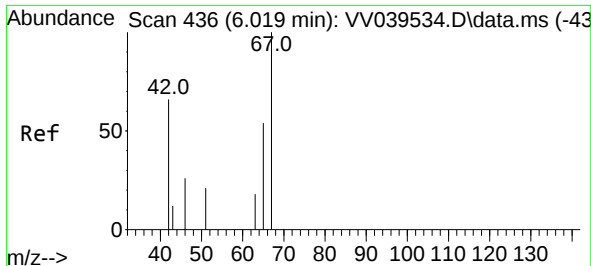
Ion Ratio Lower Upper

117 100

82 49.1 39.4 59.2

119 32.5 26.2 39.2

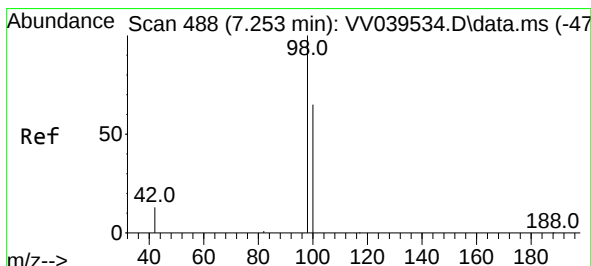
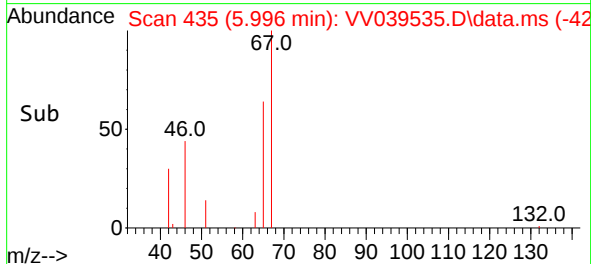
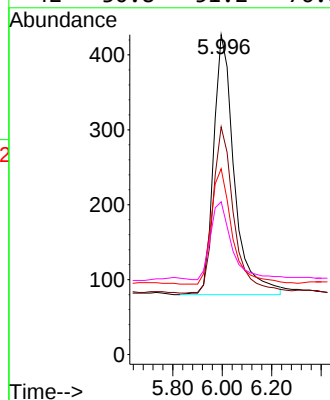
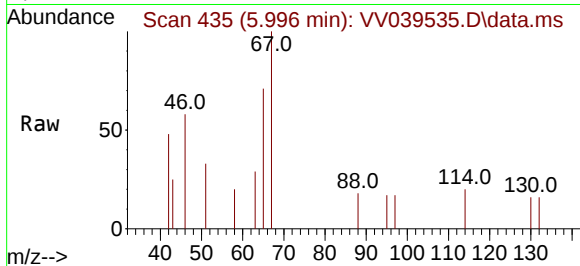




#7
1,2-Dichloropropane-d6
Concen: 0.469 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

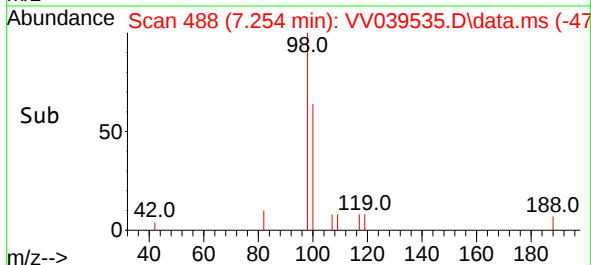
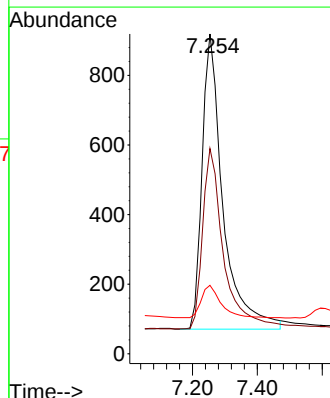
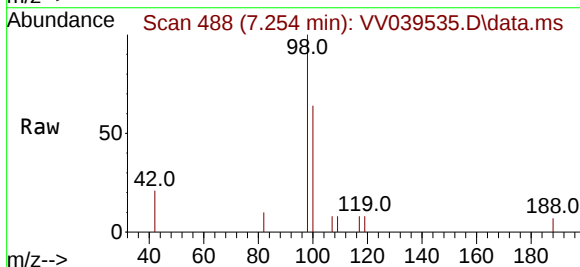
Instrument :
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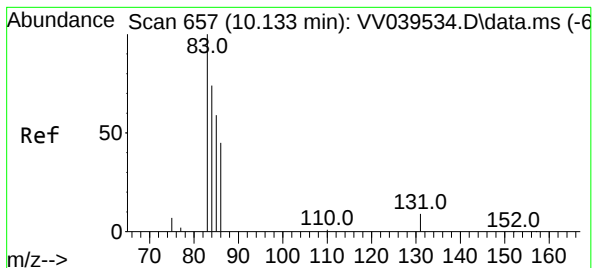
Tgt Ion:	67	Resp:	2019
Ion	Ratio	Lower	Upper
67	100		
65	63.7	37.9	56.9#
46	44.8	27.4	41.0#
42	30.8	51.2	76.8#



#8
Toluene-d8
Concen: 0.522 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Tgt Ion:	98	Resp:	3786
Ion	Ratio	Lower	Upper
98	100		
100	61.1	44.5	82.7
42	10.1	10.1	18.7

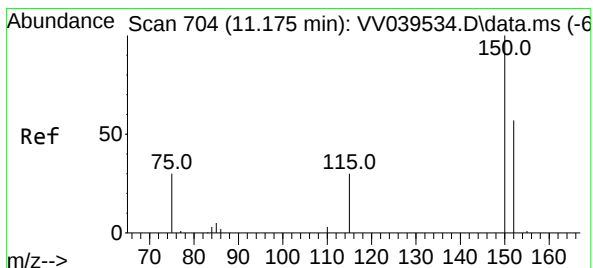
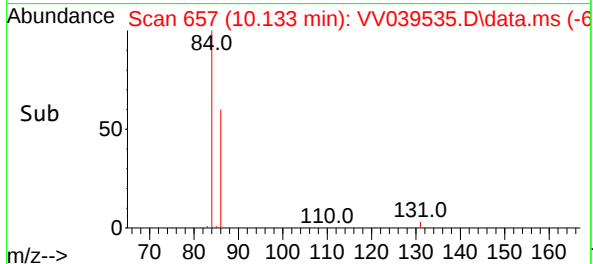
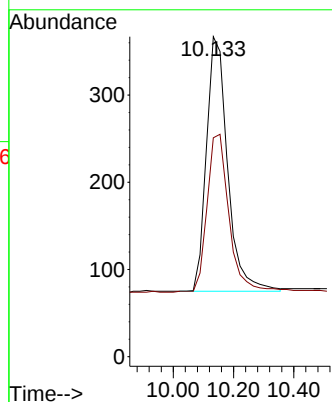
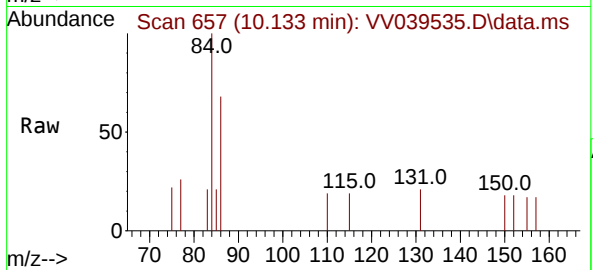




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.589 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Instrument :
MSVOA_V
ClientSampleId :
VBLK240

Tgt Ion: 84 Resp: 1427
Ion Ratio Lower Upper
84 100
86 64.2 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: VV039535.D
Acq: 11 Dec 2025 12:04

Tgt Ion:152 Resp: 2635
Ion Ratio Lower Upper
152 100
115 56.5 0.0 101.6
150 159.5 0.0 396.2

