

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039519.D
 Acq On : 10 Dec 2025 10:19
 Operator : SY/MD
 Sample : Q3787-22
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Dec 11 00:05:27 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	7644	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7099	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3705	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3693	0.492	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.000%
4) 1,2-Dichloroethane-d4	4.969	65	2027	0.398	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	80.000%
7) 1,2-Dichloropropane-d6	5.995	67	2260	0.377	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	76.000%
8) Toluene-d8	7.253	98	4326	0.428	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1639	0.486	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	98.000%

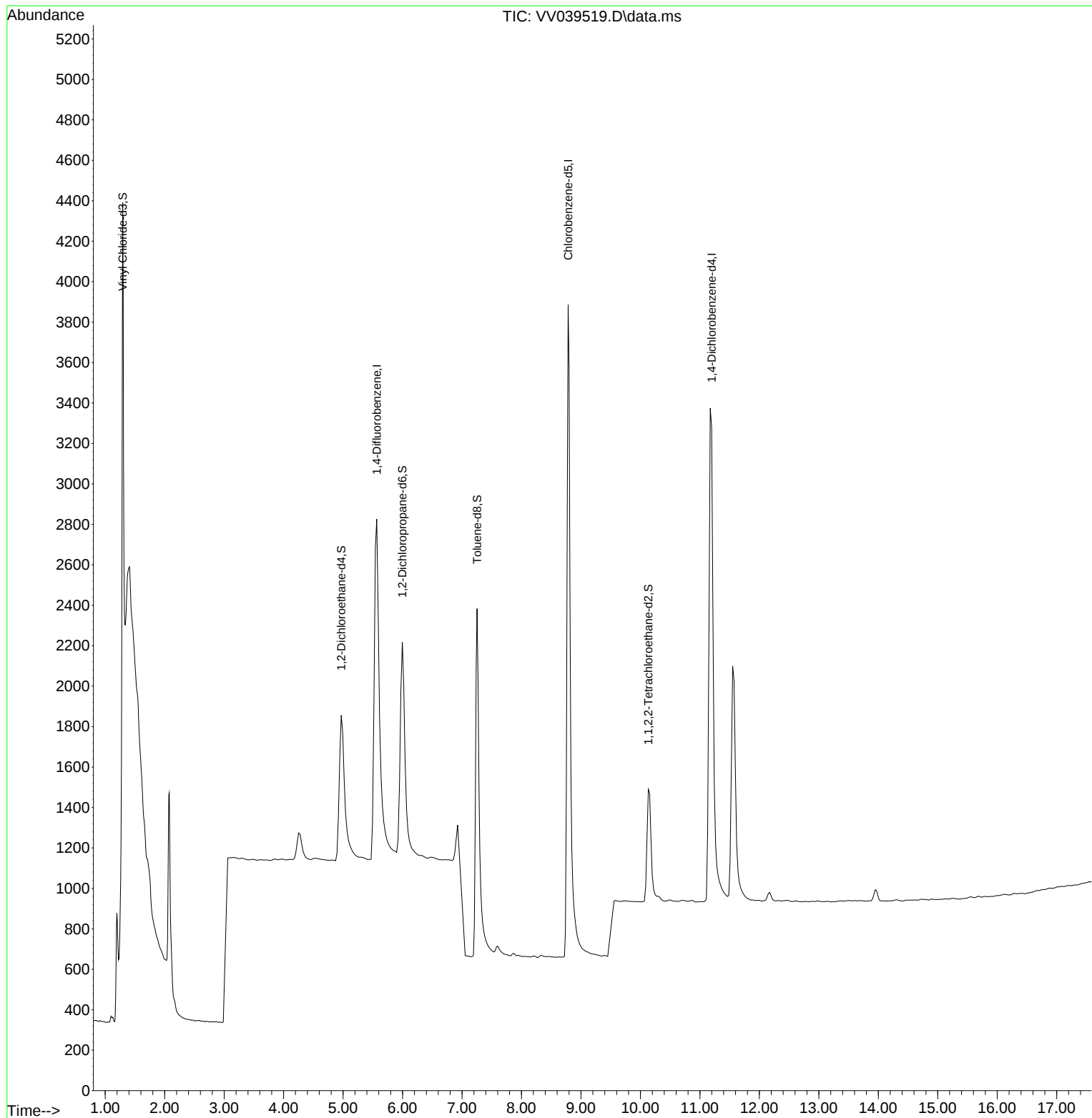
Target Compounds Qvalue

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

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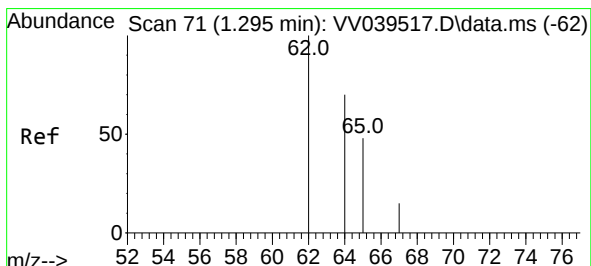
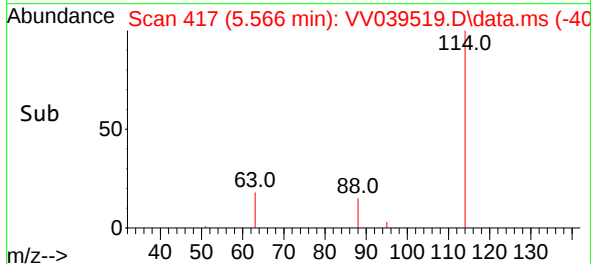
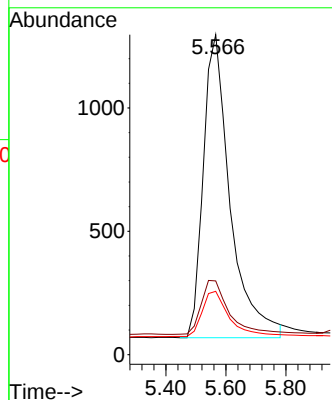
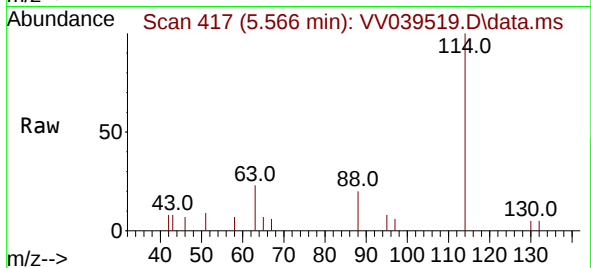




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

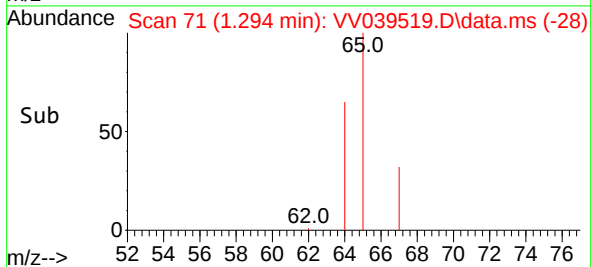
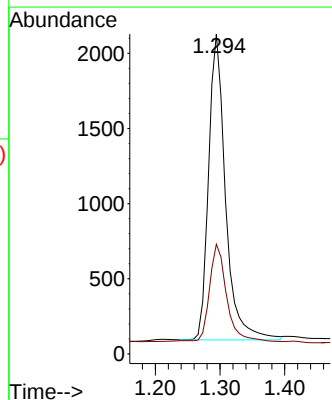
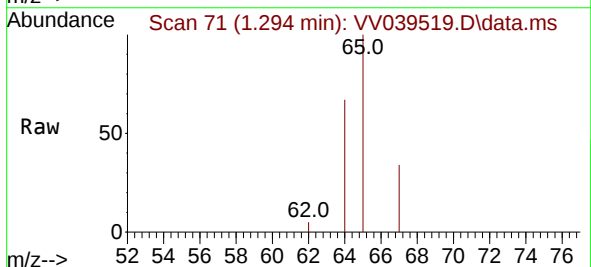
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

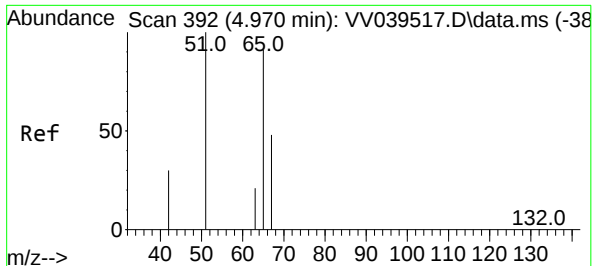
Tgt Ion:114 Resp: 7644
Ion Ratio Lower Upper
114 100
63 18.4 15.0 22.4
88 15.1 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.492 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

Tgt Ion: 65 Resp: 3693
Ion Ratio Lower Upper
65 100
67 32.3 22.3 41.5

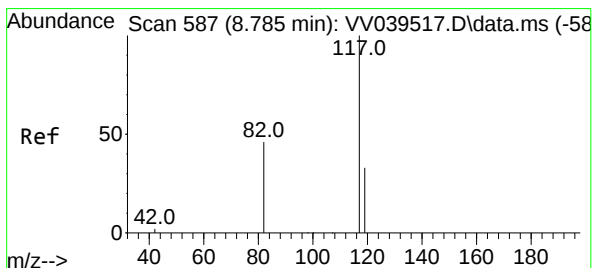
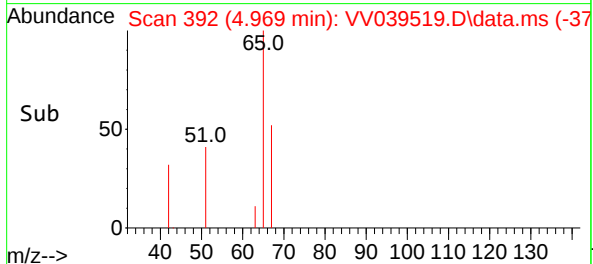
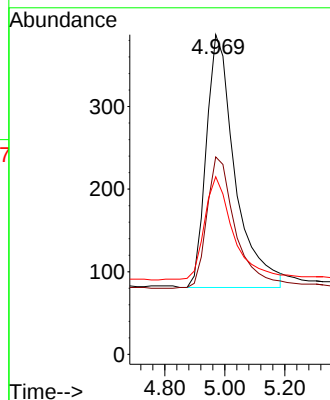
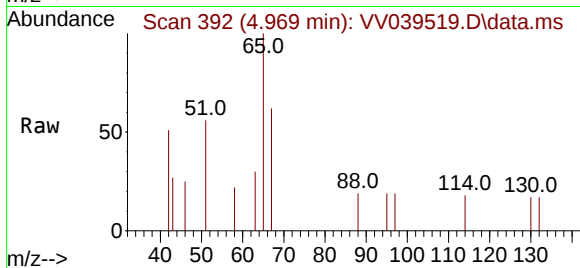




#4
1,2-Dichloroethane-d4
Concen: 0.398 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

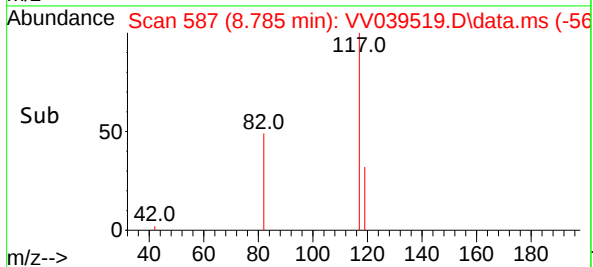
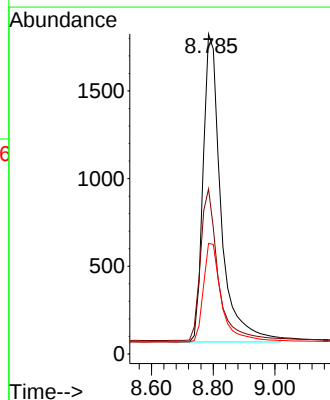
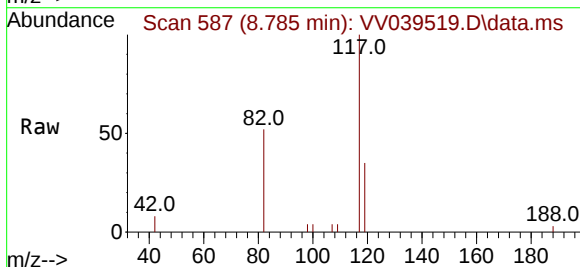
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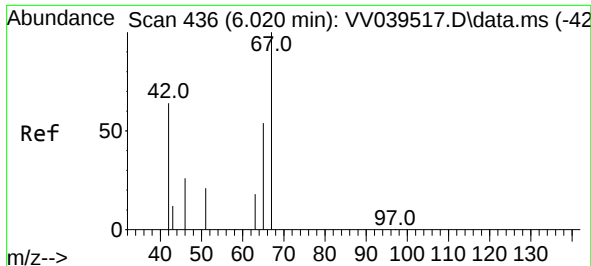
Tgt Ion: 65 Resp: 2027
Ion Ratio Lower Upper
65 100
67 52.1 32.5 60.3
51 41.4 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

Tgt Ion: 117 Resp: 7099
Ion Ratio Lower Upper
117 100
82 48.5 39.4 59.2
119 32.6 26.2 39.2

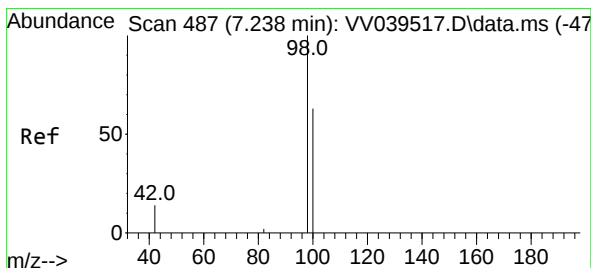
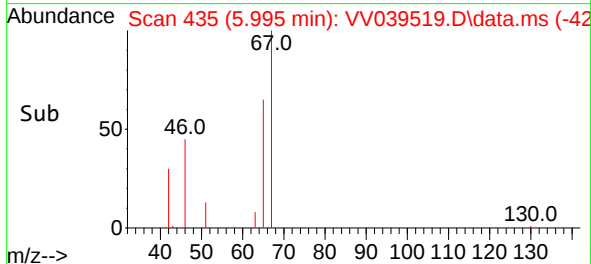
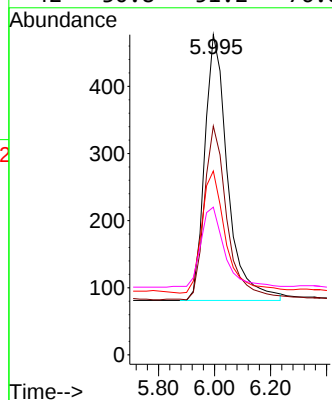
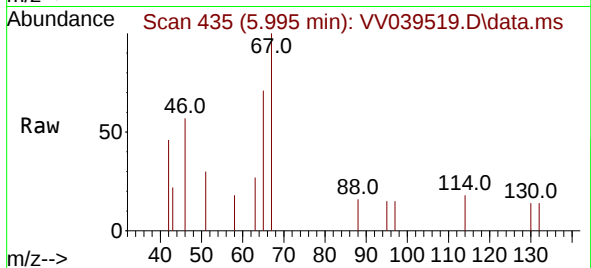




#7
1,2-Dichloropropane-d6
Concen: 0.377 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

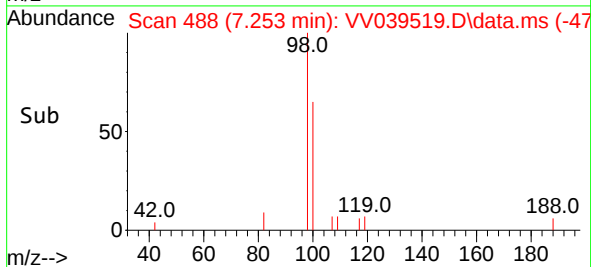
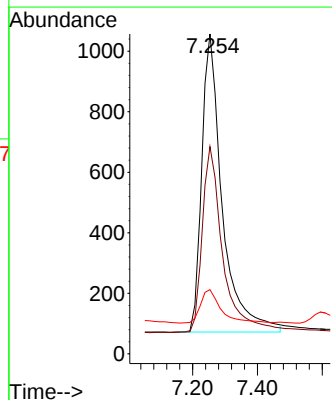
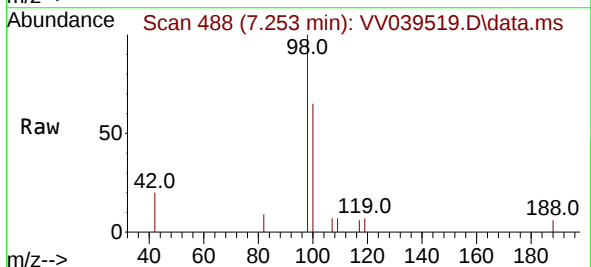
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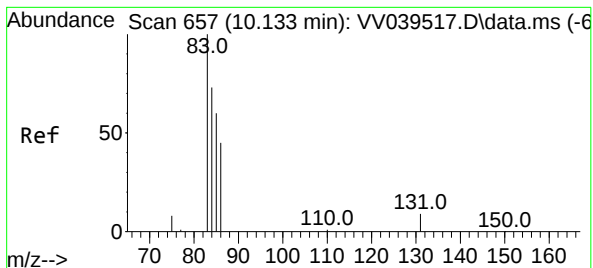
Tgt Ion:	67	Resp:	2260
Ion	Ratio	Lower	Upper
67	100		
65	65.4	37.9	56.9#
46	48.5	27.4	41.0#
42	30.8	51.2	76.8#



#8
Toluene-d8
Concen: 0.428 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

Tgt Ion:	98	Resp:	4326
Ion	Ratio	Lower	Upper
98	100		
100	61.7	44.5	82.7
42	11.2	10.1	18.7

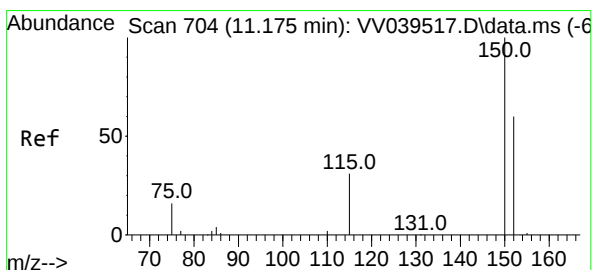
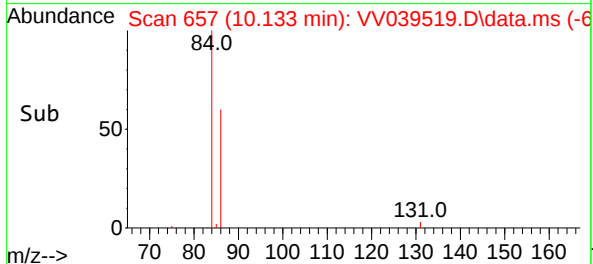
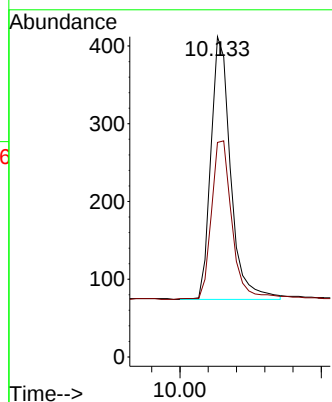
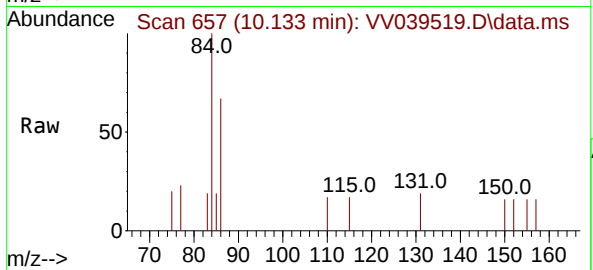




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.486 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 84 Resp: 1639
Ion Ratio Lower Upper
84 100
86 62.9 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: VV039519.D
Acq: 10 Dec 2025 10:19

Tgt Ion:152 Resp: 3705
Ion Ratio Lower Upper
152 100
115 54.9 0.0 101.6
150 160.7 0.0 396.2

