

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039466.D
 Acq On : 04 Dec 2025 13:40
 Operator : SY/MD
 Sample : VIBLK228
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK228

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 05 00:09:55 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	6215	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5937	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3041	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3792m	0.607	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	122.000%		
4) 1,2-Dichloroethane-d4	4.969	65	1841	0.445	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	88.000%		
7) 1,2-Dichloropropane-d6	5.995	67	2093	0.418	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	84.000%		
8) Toluene-d8	7.253	98	4038	0.478	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	96.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1594	0.565	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	112.000%		

Target Compounds Qvalue

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

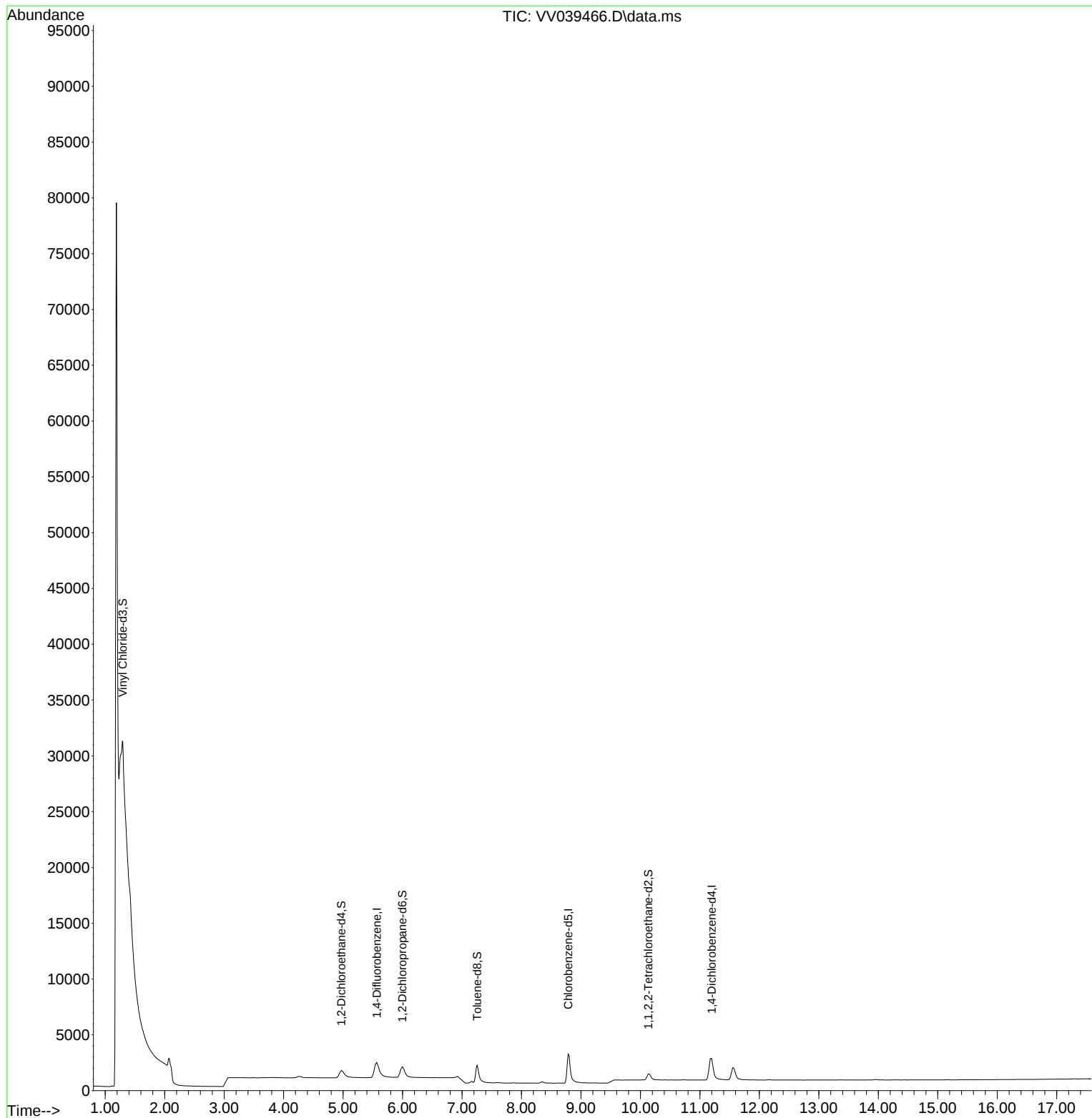
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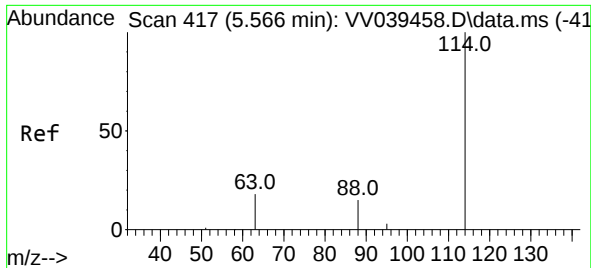
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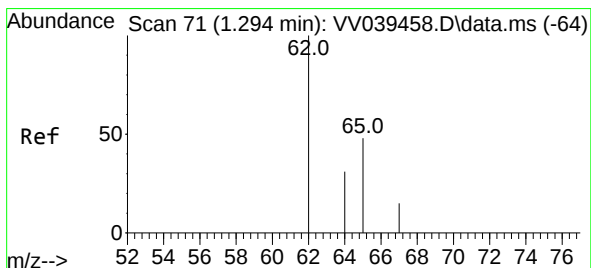
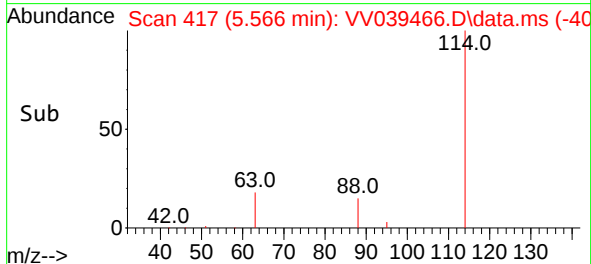
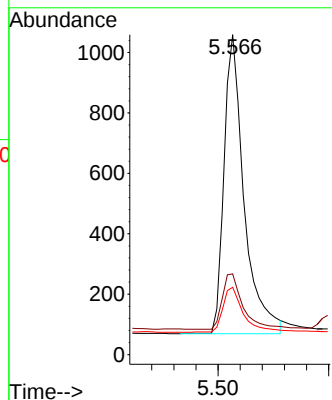
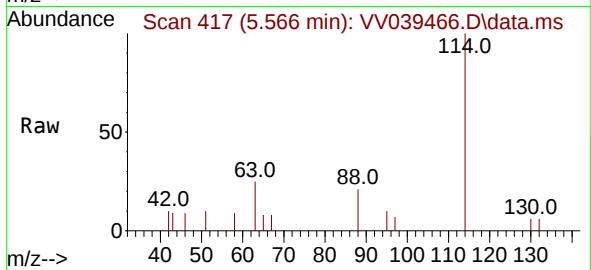
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
VIBLK228

Tgt Ion:114 Resp: 621
Ion Ratio Lower Upper
114 100
63 18.9 15.0 22.4
88 15.3 12.0 18.0

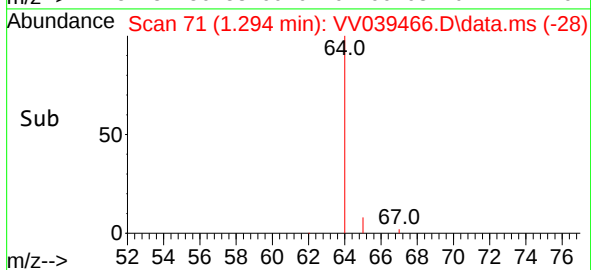
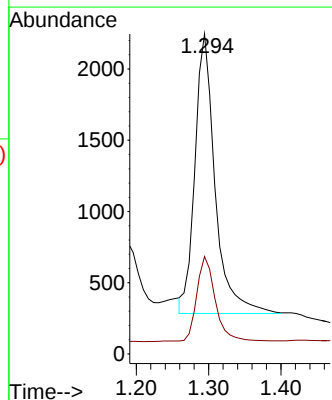
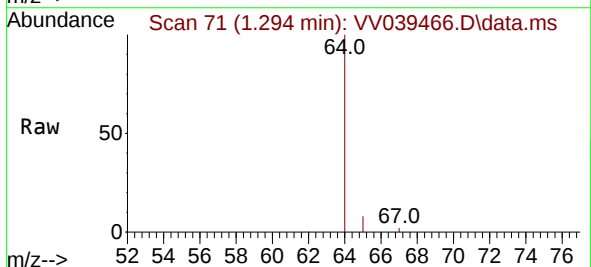
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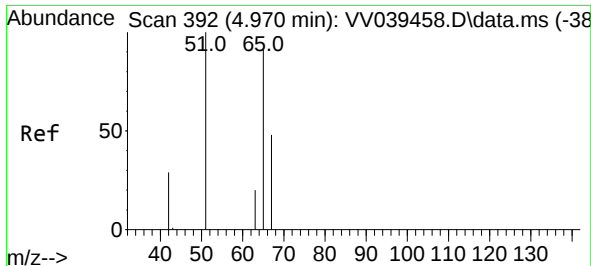
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.607 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

Tgt Ion: 65 Resp: 3792
Ion Ratio Lower Upper
65 100
67 28.6 22.3 41.5





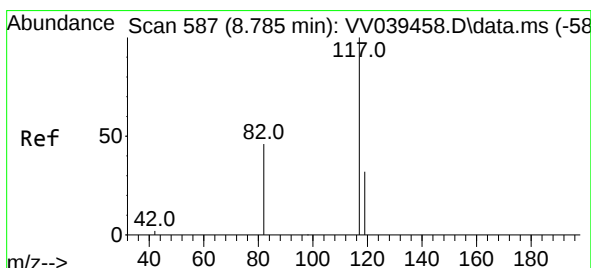
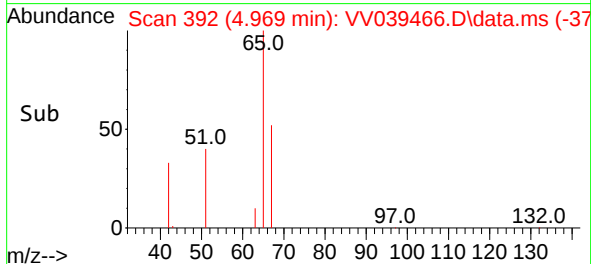
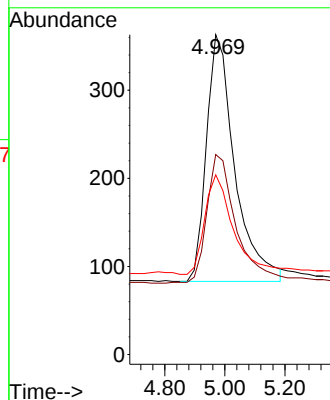
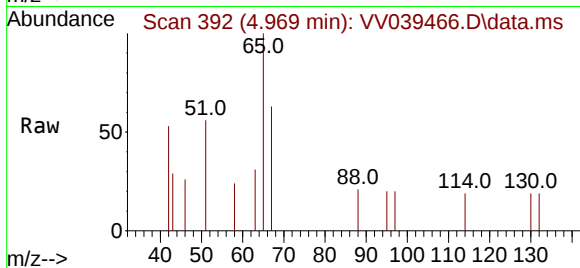
#4
1,2-Dichloroethane-d4
Concen: 0.445 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
VIBLK228

Tgt Ion: 65 Resp: 184
Ion Ratio Lower Upper
65 100
67 54.0 32.5 60.3
51 41.0 121.4 225.6

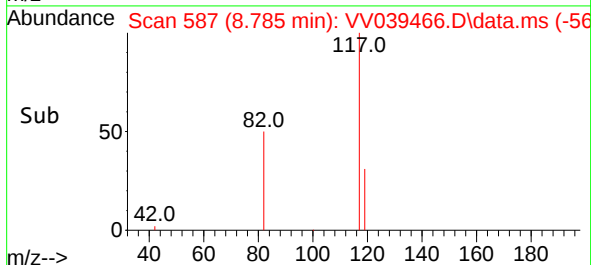
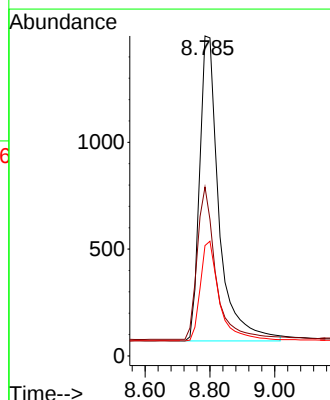
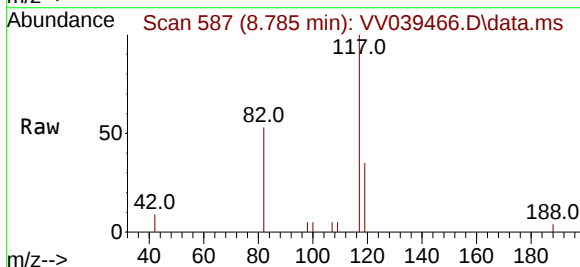
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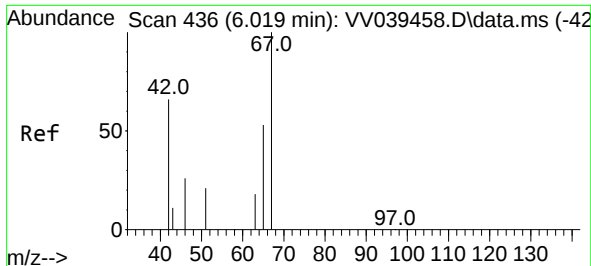
Reviewed By :John Carlone 12/10/2025
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#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

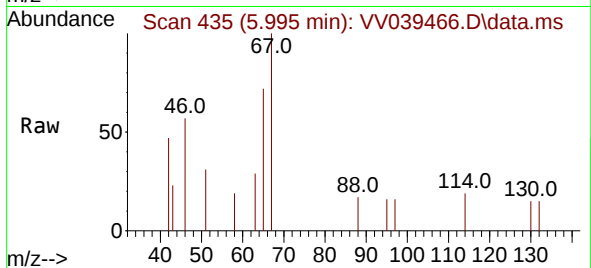
Tgt Ion:117 Resp: 5937
Ion Ratio Lower Upper
117 100
82 47.9 39.4 59.2
119 32.2 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.418 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

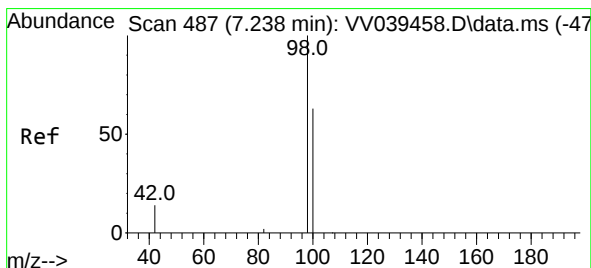
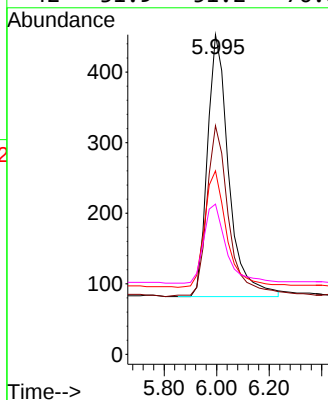
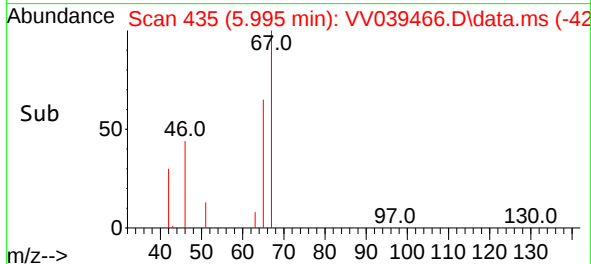
Instrument :
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VIBLK228



Tgt Ion:	67	Resp:	209
Ion	Ratio	Lower	Upper
67	100		
65	67.3	37.9	56.9
46	46.2	27.4	41.0
42	31.9	51.2	76.8

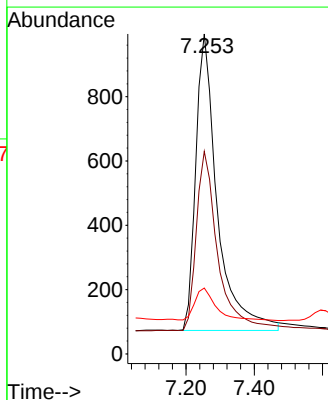
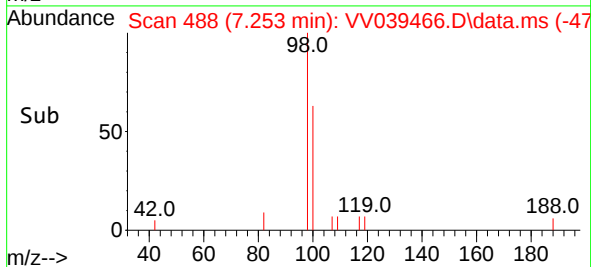
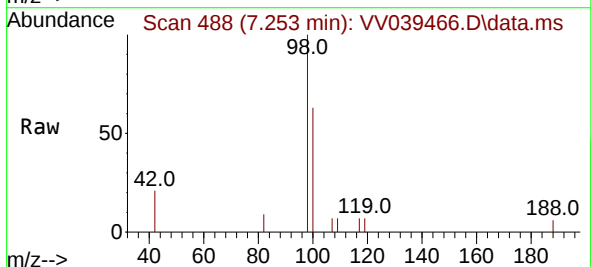
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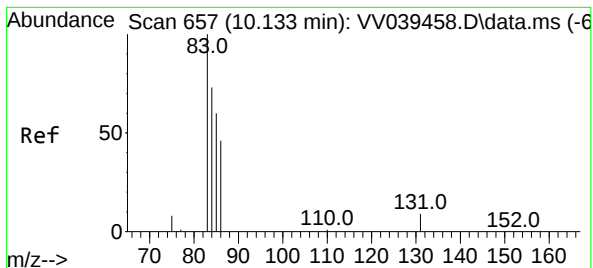
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#8
Toluene-d8
Concen: 0.478 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

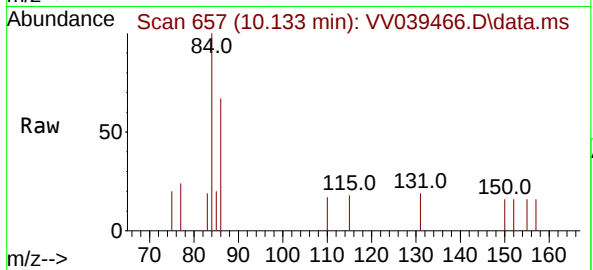
Tgt Ion:	98	Resp:	4038
Ion	Ratio	Lower	Upper
98	100		
100	60.3	44.5	82.7
42	10.8	10.1	18.7





#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.565 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40

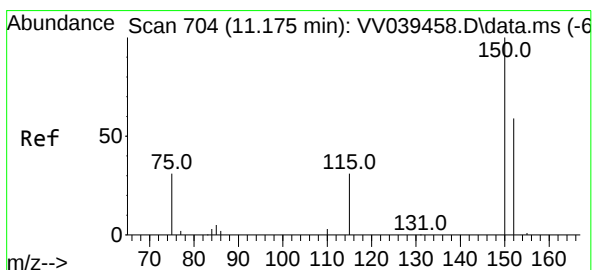
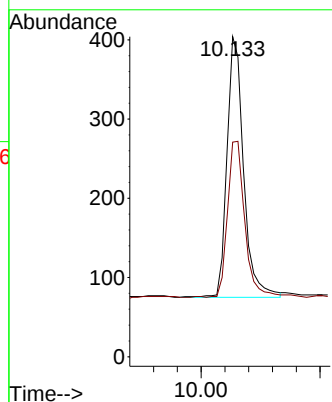
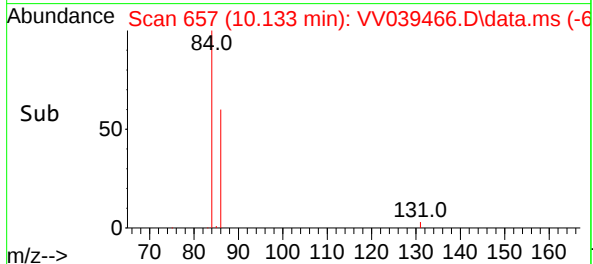
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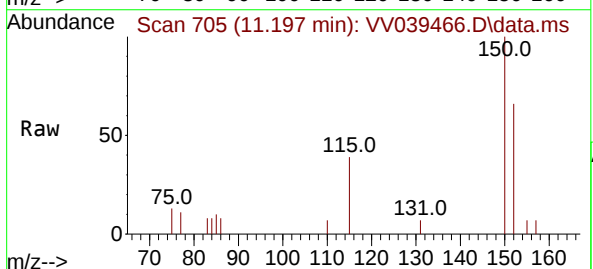
Tgt Ion: 84 Resp: 1594
Ion Ratio Lower Upper
84 100
86 61.9 44.4 82.5

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#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039466.D
Acq: 04 Dec 2025 13:40



Tgt Ion:152 Resp: 3041
Ion Ratio Lower Upper
152 100
115 55.1 0.0 101.6
150 161.3 0.0 396.2

