

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039470.D
 Acq On : 04 Dec 2025 15:45
 Operator : SY/MD
 Sample : Q3756-12
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Manual Integrations
 APPROVED

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

Quant Time: Dec 05 00:10:37 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	5258	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5346	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	2739	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3329m	0.630	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 126.000%			
4) 1,2-Dichloroethane-d4	4.994	65	1878	0.536	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 108.000%			
7) 1,2-Dichloropropane-d6	5.996	67	2190	0.486	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery = 98.000%			
8) Toluene-d8	7.254	98	4157	0.546	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 110.000%			
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1600	0.629	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 126.000%#			

Target Compounds Qvalue

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

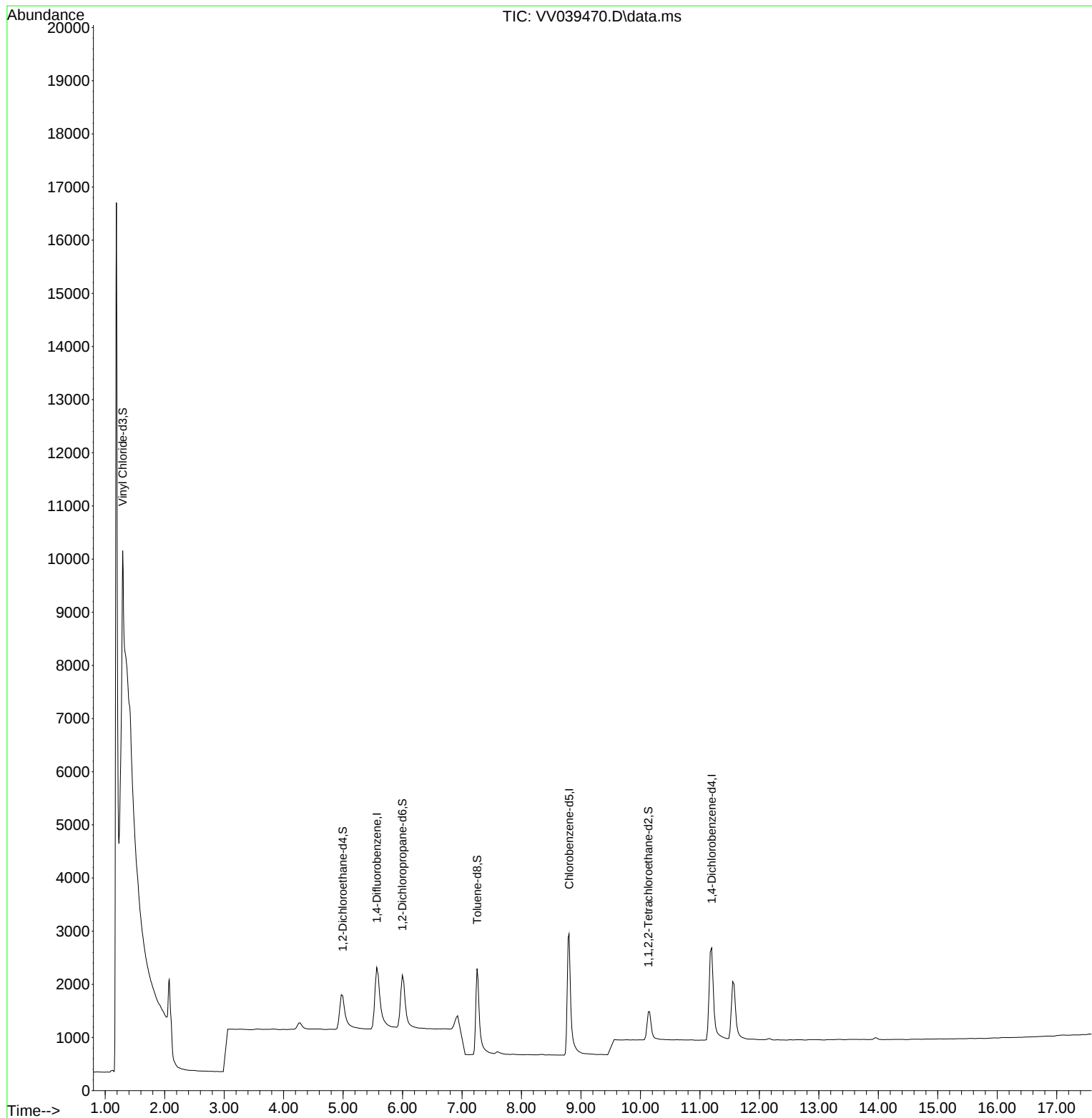
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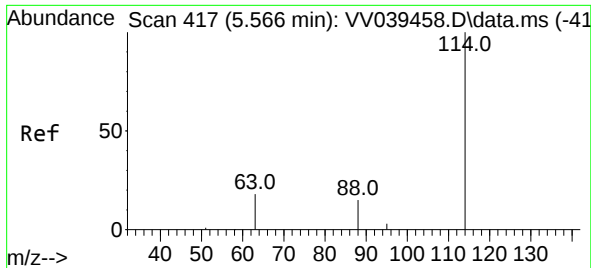
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Quant Time: Dec 05 00:10:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
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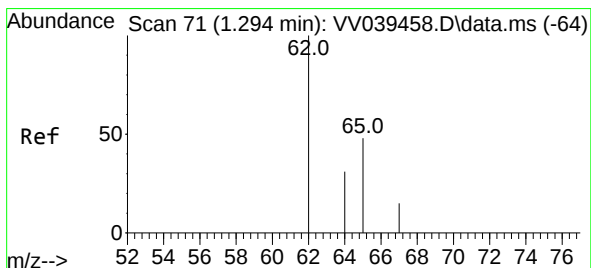
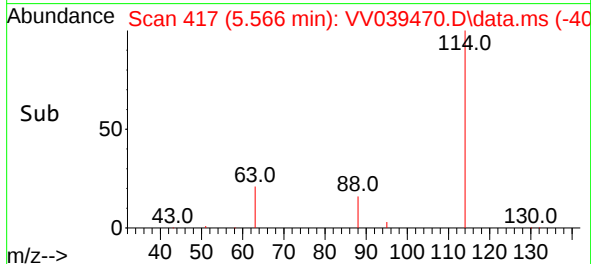
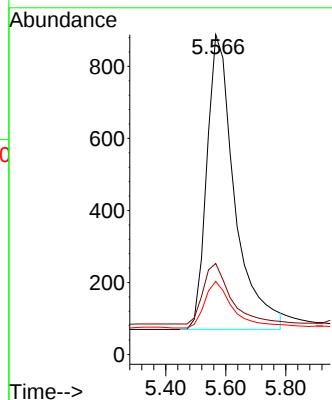
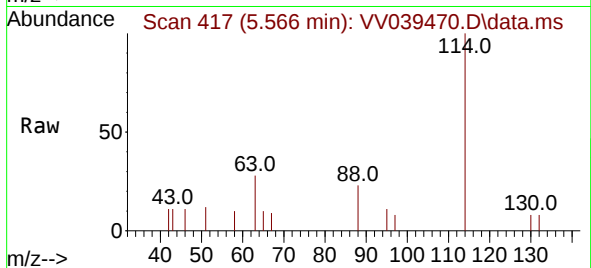
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039470.D
Acq: 04 Dec 2025 15:45

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion:114 Resp: 5258
Ion Ratio Lower Upper
114 100
63 20.3 15.0 22.4
88 16.0 12.0 18.0

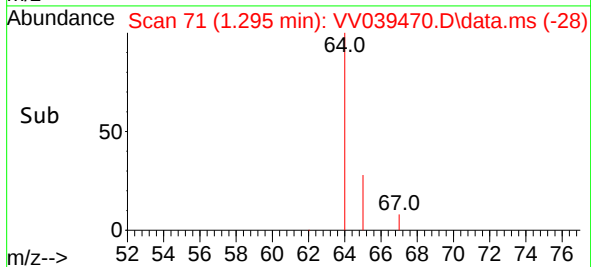
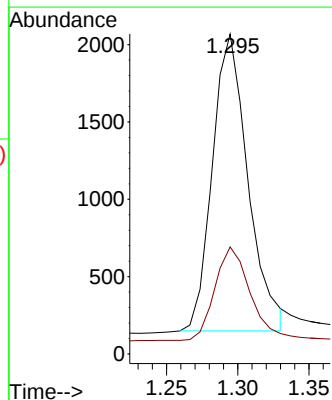
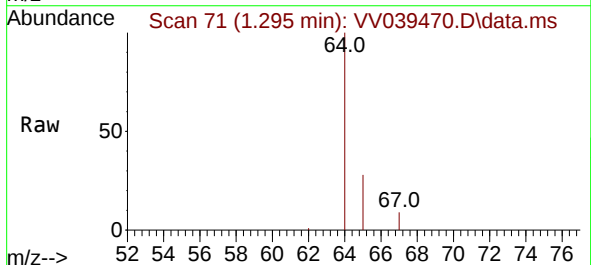
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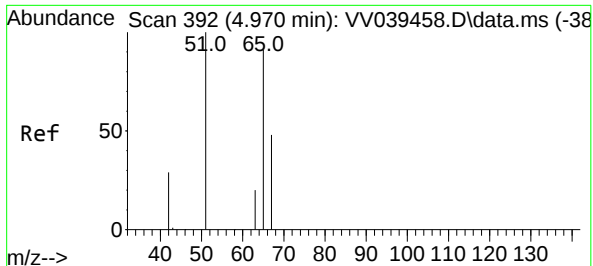
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#2
Vinyl Chloride-d3
Concen: 0.630 ug/L m
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039470.D
Acq: 04 Dec 2025 15:45

Tgt Ion: 65 Resp: 3329
Ion Ratio Lower Upper
65 100
67 33.8 22.3 41.5





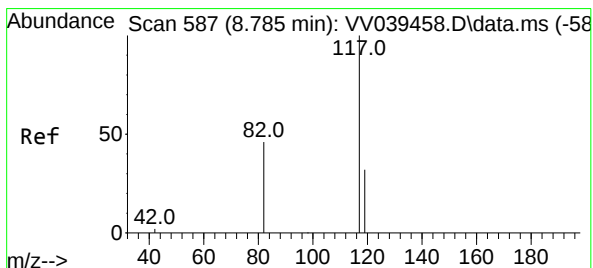
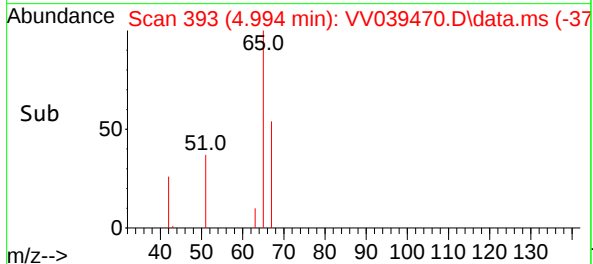
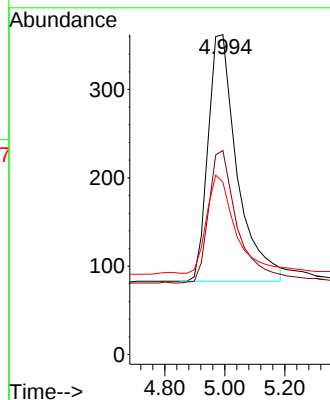
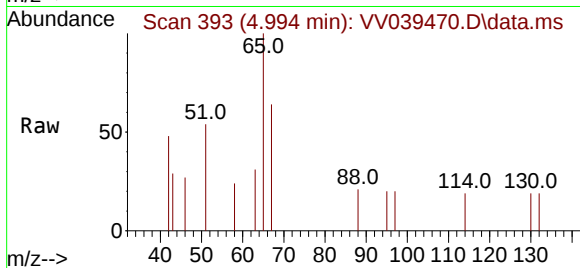
#4
1,2-Dichloroethane-d4
Concen: 0.536 ug/L
RT: 4.994 min Scan# 392
Delta R.T. 0.025 min
Lab File: VV039470.D
Acq: 04 Dec 2025 15:45

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 65 Resp: 1878
Ion Ratio Lower Upper
65 100
67 53.2 32.5 60.3
51 39.2 121.4 225.6

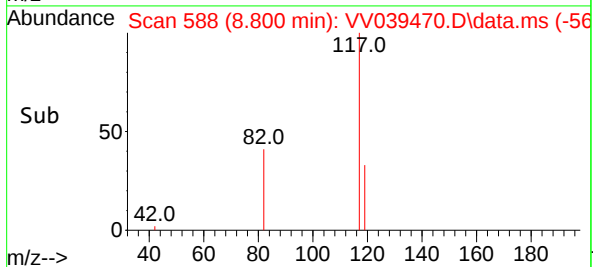
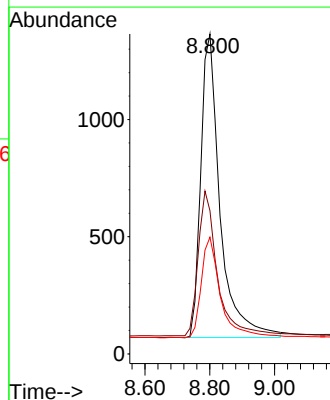
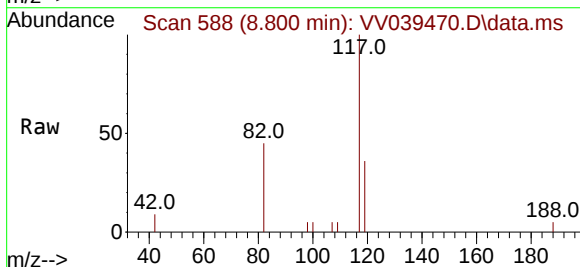
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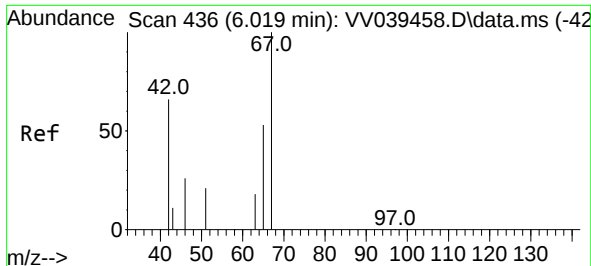
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039470.D
Acq: 04 Dec 2025 15:45

Tgt Ion:117 Resp: 5346
Ion Ratio Lower Upper
117 100
82 47.4 39.4 59.2
119 33.3 26.2 39.2





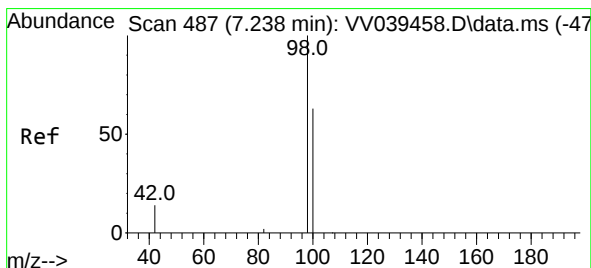
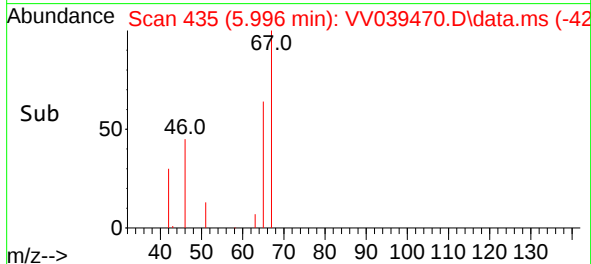
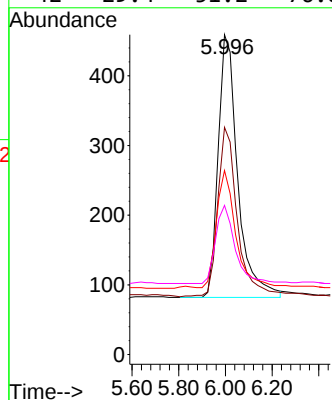
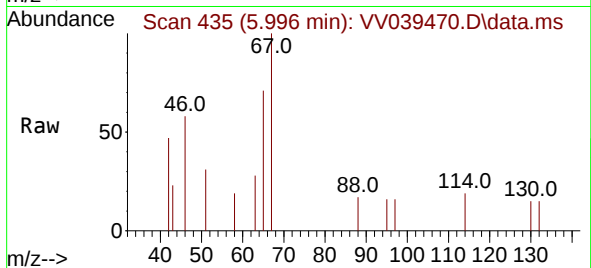
#7
1,2-Dichloropropane-d6
Concen: 0.486 ug/L
RT: 5.996 min Scan# 419
Delta R.T. -0.023 min
Lab File: VV039470.D
Acq: 04 Dec 2025 15:45

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion:	67	Resp:	2190
Ion	Ratio	Lower	Upper
67	100		
65	64.7	37.9	56.9
46	43.9	27.4	41.0
42	29.4	51.2	76.8

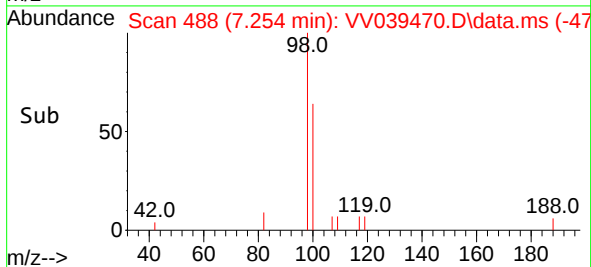
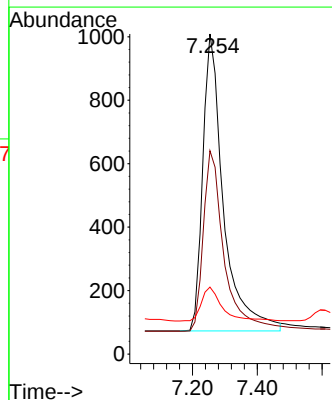
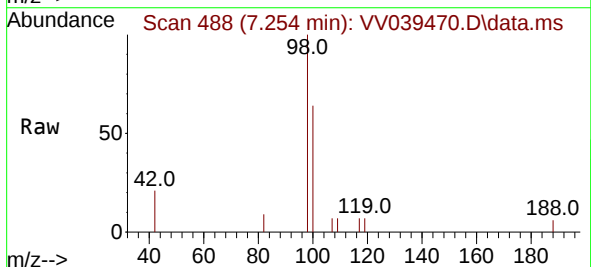
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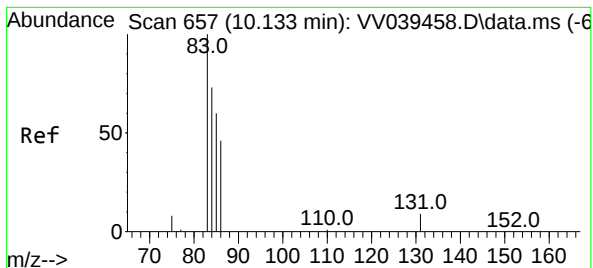
Reviewed By :John Carlone 12/10/2025
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#8
Toluene-d8
Concen: 0.546 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039470.D
Acq: 04 Dec 2025 15:45

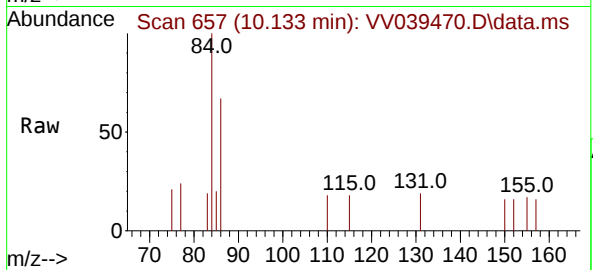
Tgt Ion:	98	Resp:	4157
Ion	Ratio	Lower	Upper
98	100		
100	61.2	44.5	82.7
42	11.4	10.1	18.7





#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.629 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039470.D
Acq: 04 Dec 2025 15:45

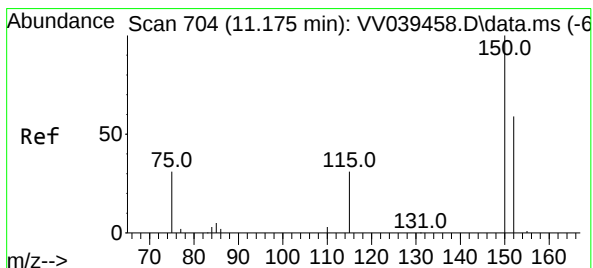
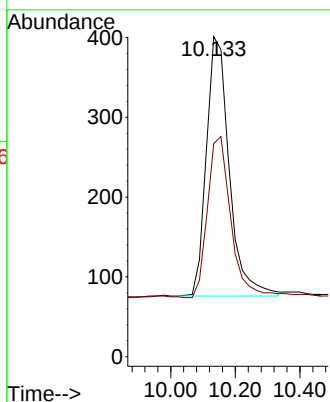
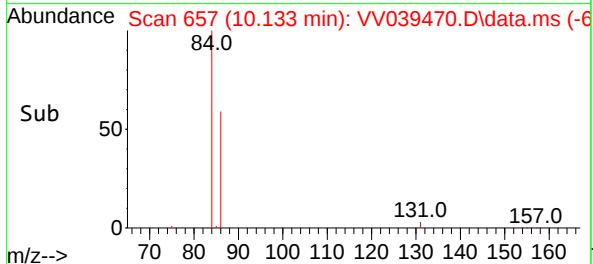
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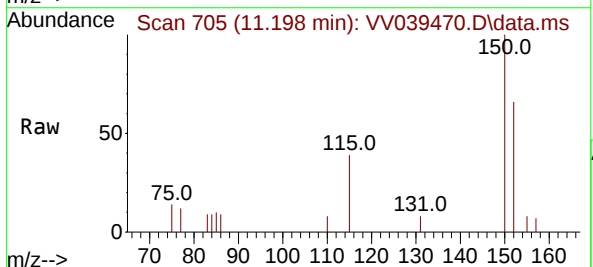
Tgt Ion: 84 Resp: 1600
Ion Ratio Lower Upper
84 100
86 63.4 44.4 82.5

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Supervised By :Mahesh Dadoda 12/10/2025



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.198 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039470.D
Acq: 04 Dec 2025 15:45



Tgt Ion:152 Resp: 2739
Ion Ratio Lower Upper
152 100
115 55.9 0.0 101.6
150 160.7 0.0 396.2

