

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039526.D
 Acq On : 10 Dec 2025 13:29
 Operator : SY/MD
 Sample : Q3813-03
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EB01-120825

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/12/2025

Quant Time: Dec 11 00:06:41 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	7218	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6792	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3677	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3185m	0.449	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	90.000%		
4) 1,2-Dichloroethane-d4	4.970	65	2013	0.419	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	84.000%		
7) 1,2-Dichloropropane-d6	5.996	67	2321	0.405	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	82.000%		
8) Toluene-d8	7.254	98	4445	0.460	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	92.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1713	0.530	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

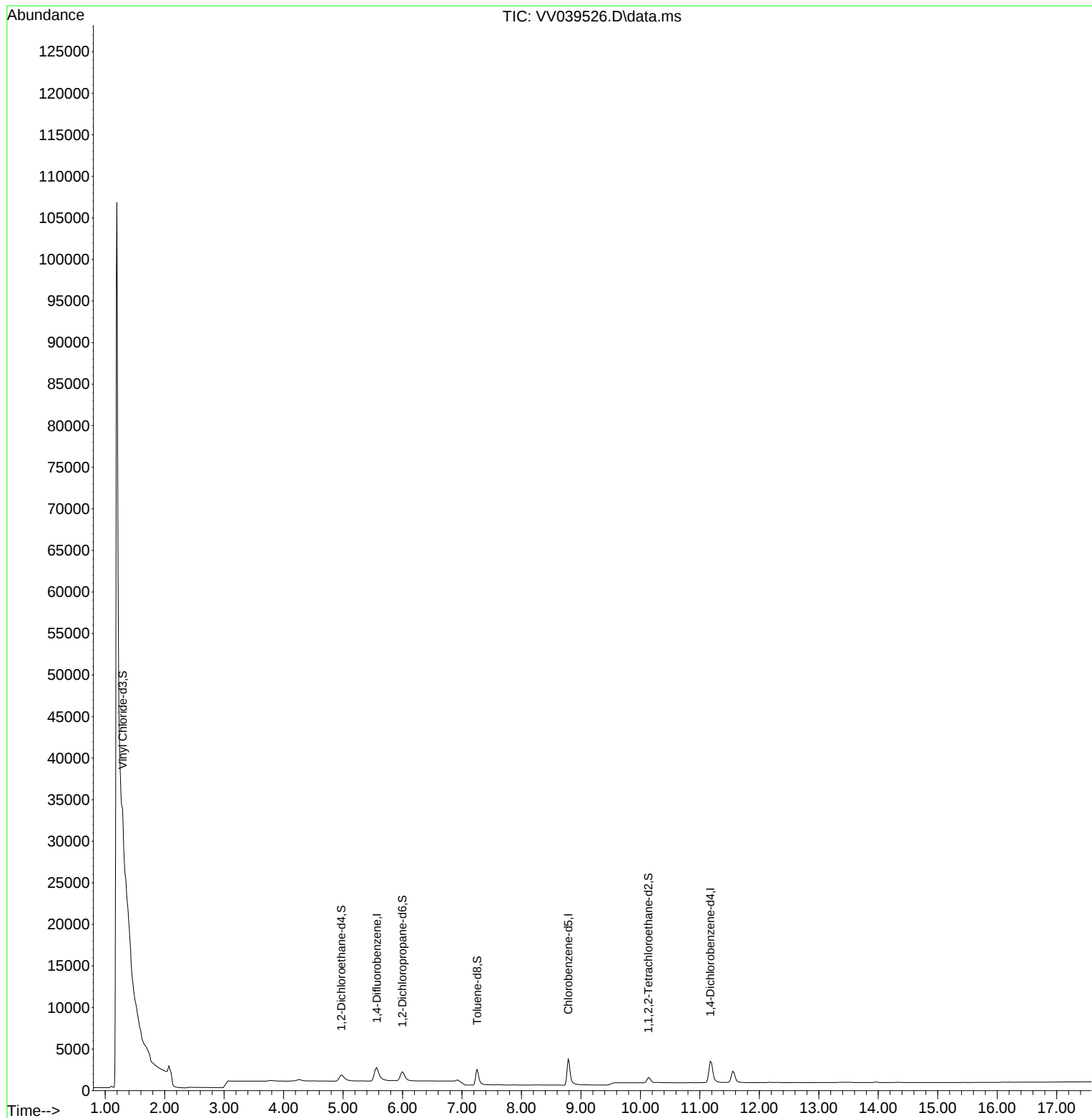
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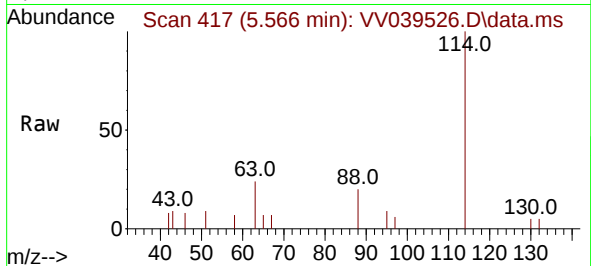
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

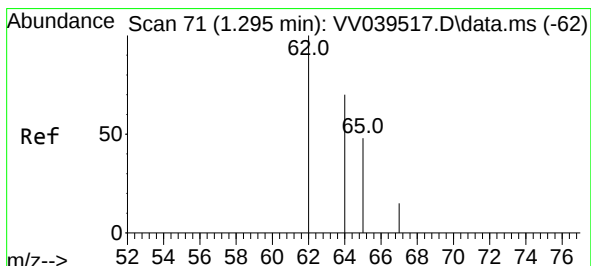
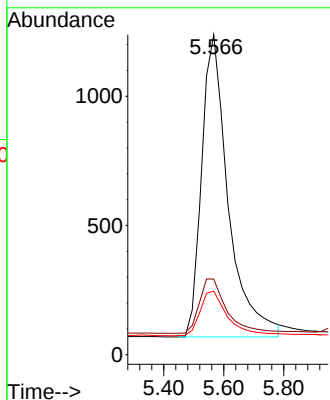
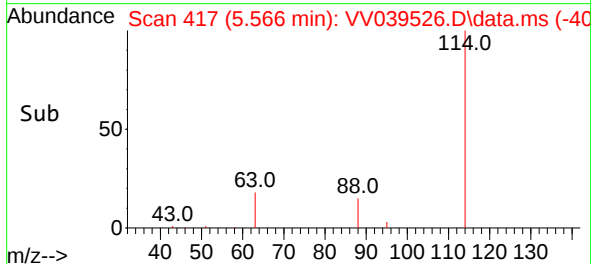
Instrument :
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ClientSampleId :
EB01-120825



Tgt Ion:114 Resp: 7218
Ion Ratio Lower Upper
114 100
63 18.5 15.0 22.4
88 15.3 12.0 18.0

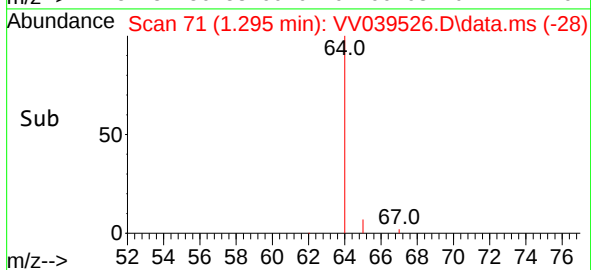
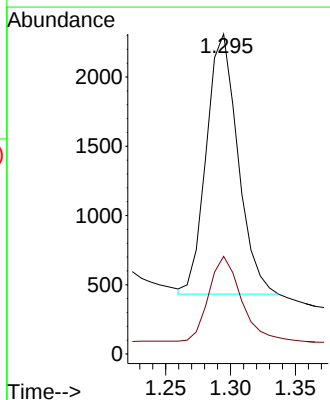
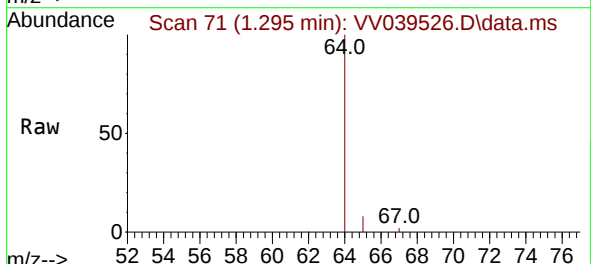
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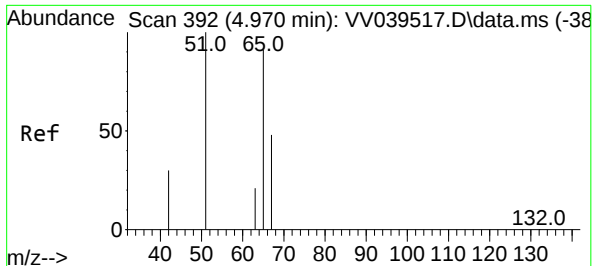
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#2
Vinyl Chloride-d3
Concen: 0.449 ug/L m
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

Tgt Ion: 65 Resp: 3185
Ion Ratio Lower Upper
65 100
67 34.9 22.3 41.5





#4

1,2-Dichloroethane-d4

Concen: 0.419 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039526.D

Acq: 10 Dec 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

EB01-120825

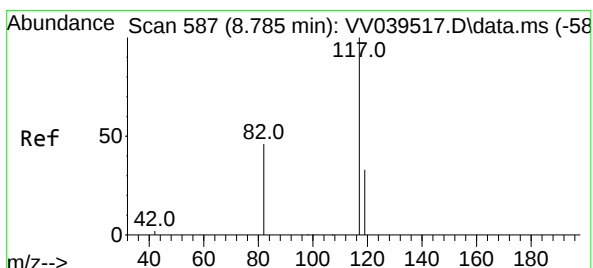
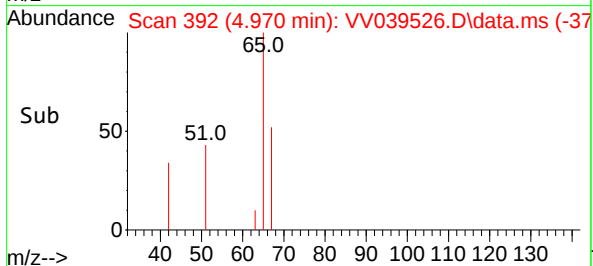
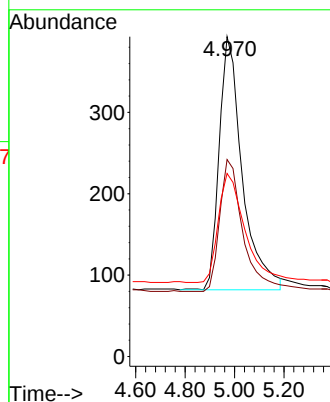
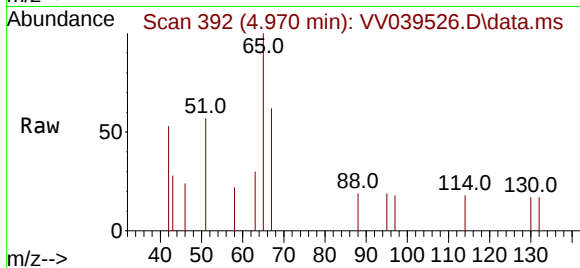
Tgt Ion: 65 Resp: 201

Ion	Ratio	Lower	Upper
65	100		
67	52.3	32.5	60.3
51	49.5	121.4	225.6

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#5

Chlorobenzene-d5

Concen: 0.500 ug/L

RT: 8.785 min Scan# 587

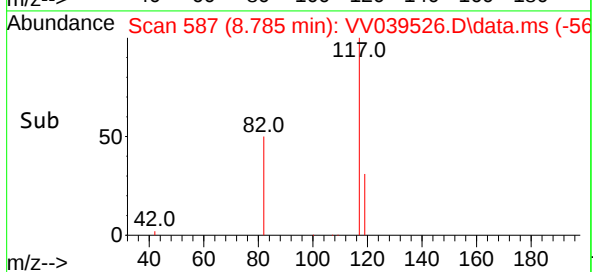
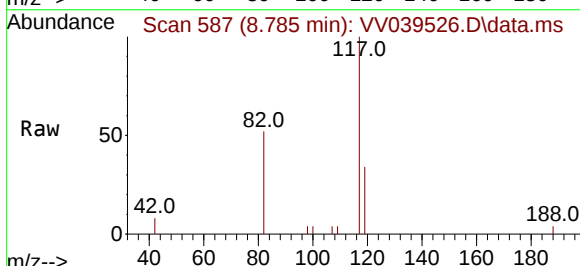
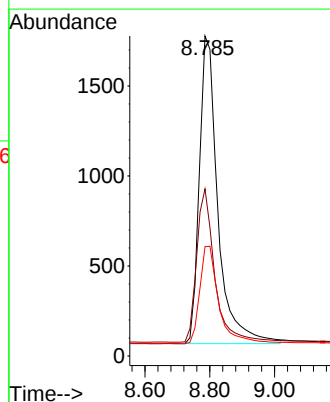
Delta R.T. 0.000 min

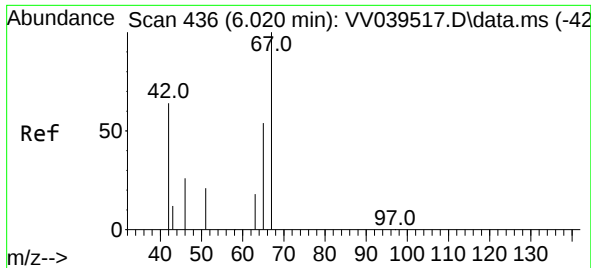
Lab File: VV039526.D

Acq: 10 Dec 2025 13:29

Tgt Ion:117 Resp: 6792

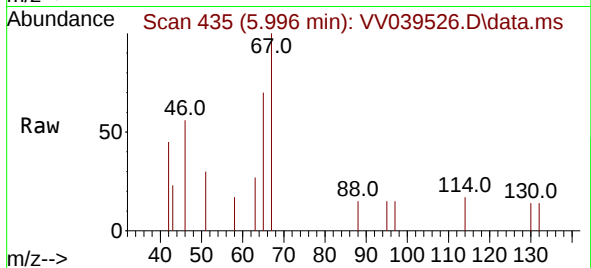
Ion	Ratio	Lower	Upper
117	100		
82	48.6	39.4	59.2
119	32.4	26.2	39.2





#7
1,2-Dichloropropane-d6
Concen: 0.405 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

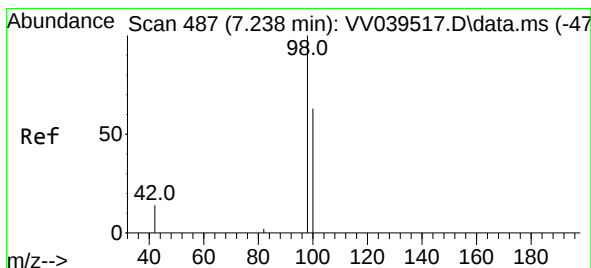
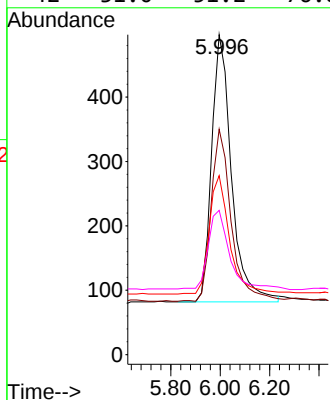
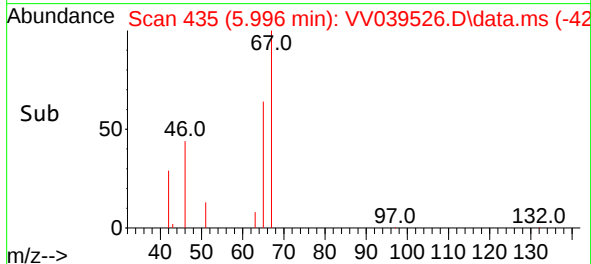
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Tgt Ion:	67	Resp:	232
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9
46	45.5	27.4	41.0
42	31.0	51.2	76.8

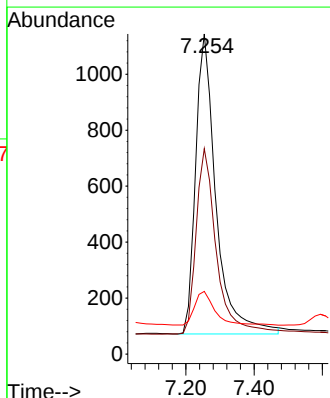
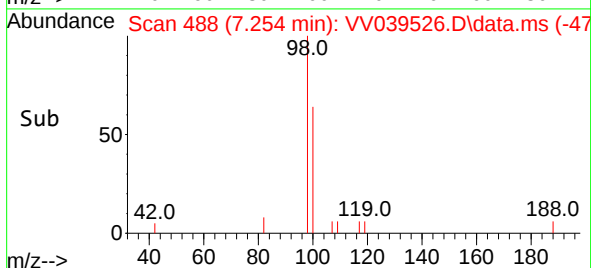
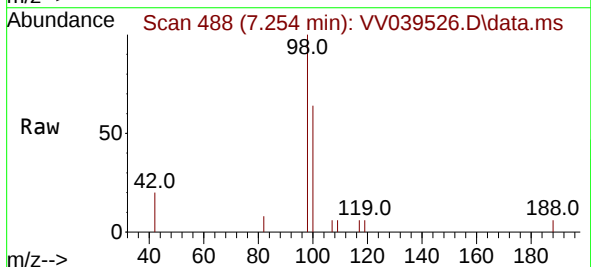
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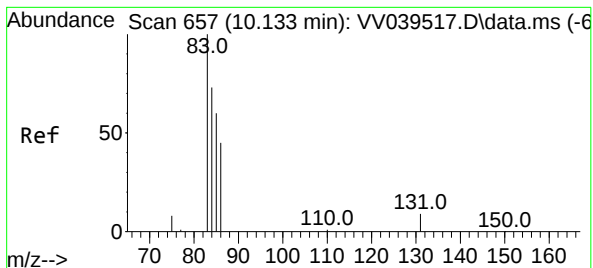
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#8
Toluene-d8
Concen: 0.460 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

Tgt Ion:	98	Resp:	4445
Ion	Ratio	Lower	Upper
98	100		
100	61.5	44.5	82.7
42	11.2	10.1	18.7





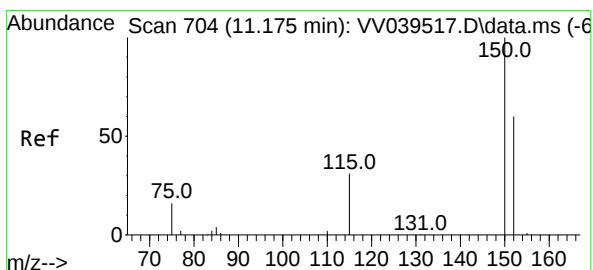
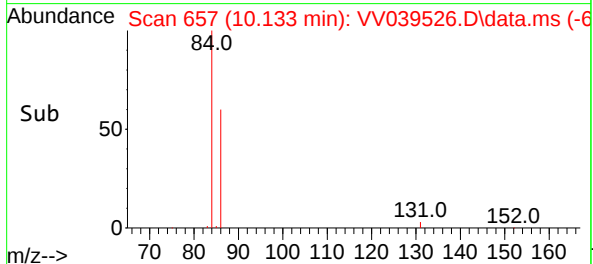
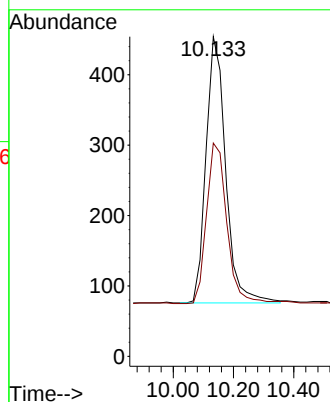
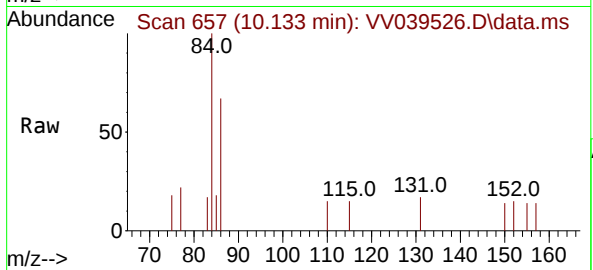
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.530 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

Instrument :
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Tgt Ion: 84 Resp: 171
Ion Ratio Lower Upper
84 100
86 62.2 44.4 82.5

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#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

Tgt Ion:152 Resp: 3677
Ion Ratio Lower Upper
152 100
115 54.9 0.0 101.6
150 160.1 0.0 396.2

