

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039512.D
 Acq On : 09 Dec 2025 18:09
 Operator : SY/MD
 Sample : Q3787-20
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-02B-21.2-120425-SIM

Quant Time: Dec 10 01:18:21 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

Manual Integrations
 APPROVED

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

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

Internal Standards					
1) 1,4-Difluorobenzene	5.566	114	5439	0.500 ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5451	0.500 ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2889	0.500 ug/L	0.02

System Monitoring Compounds

2) Vinyl Chloride-d3	1.294	65	2893m	0.542 ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 108.000%
4) 1,2-Dichloroethane-d4	4.993	65	1705	0.471 ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 94.000%
7) 1,2-Dichloropropane-d6	5.996	67	2050	0.446 ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 90.000%
8) Toluene-d8	7.254	98	3897	0.502 ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 100.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1384	0.534 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

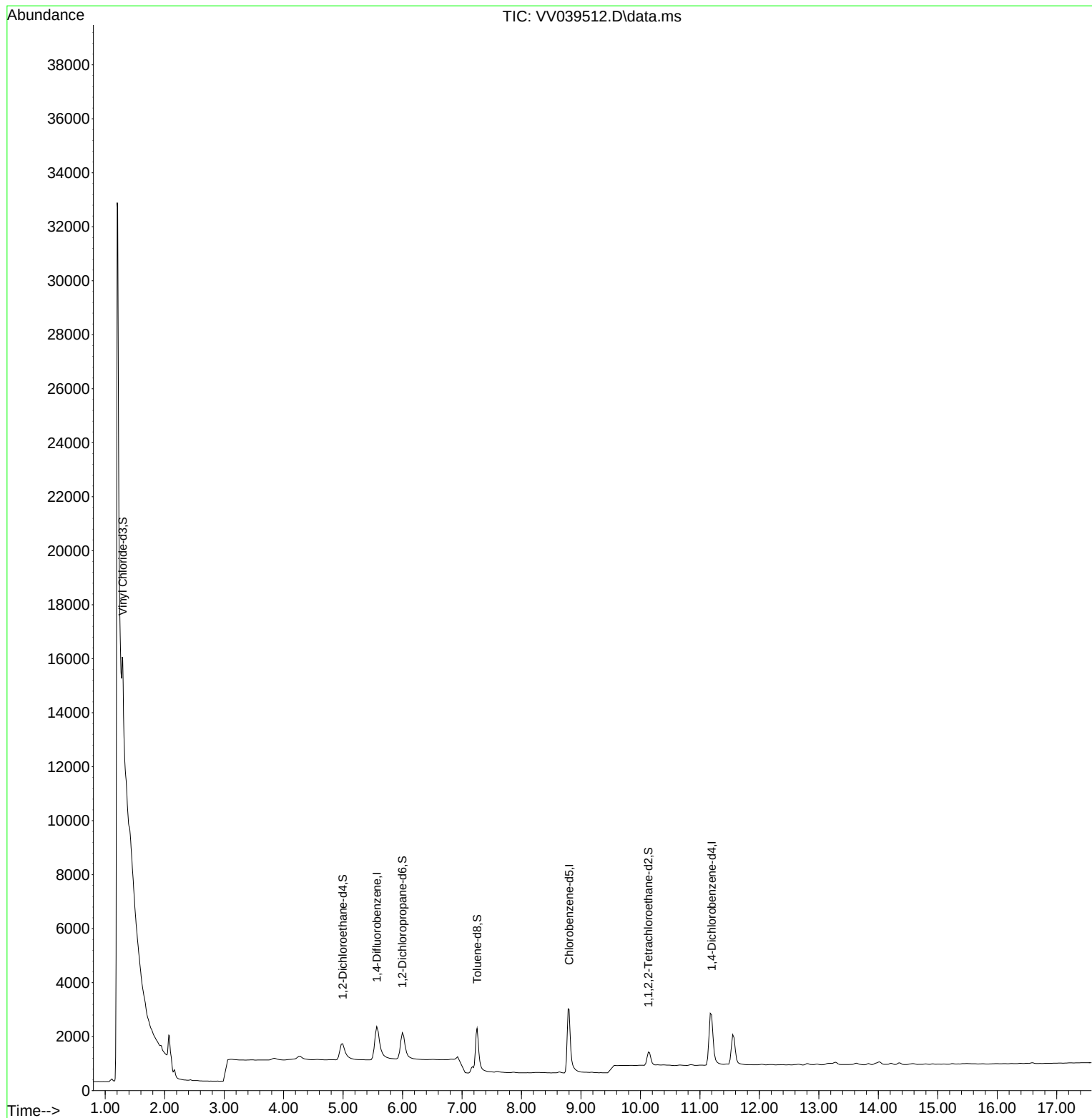
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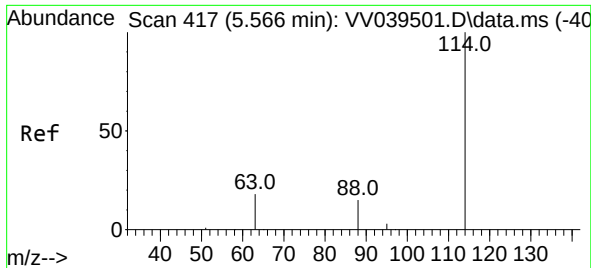
Instrument :
MSVOA_V
ClientSampleId :
OW-02B-21.2-120425-SIM

Quant Time: Dec 10 01:18:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
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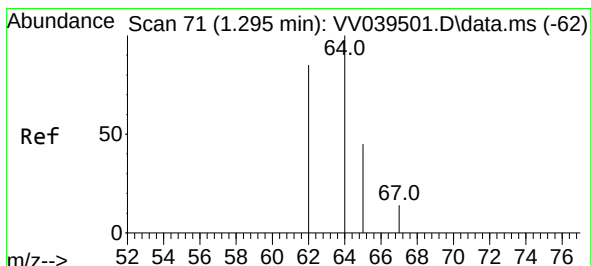
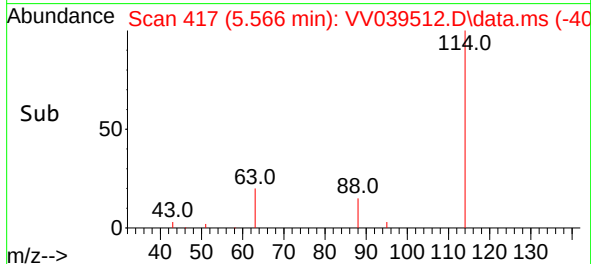
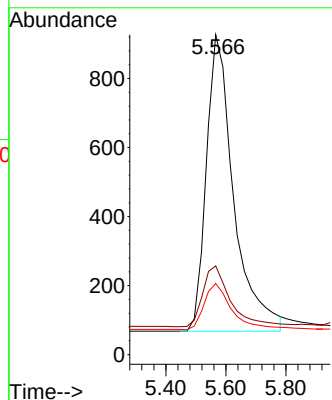
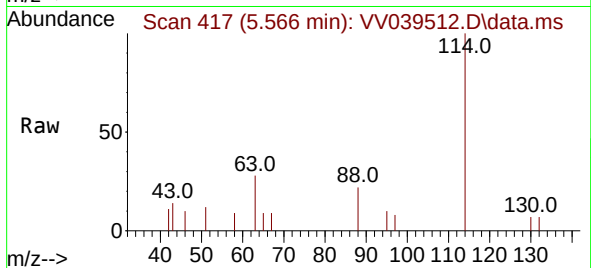
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

Instrument :
MSVOA_V
ClientSampleId :
OW-02B-21.2-120425-SIM

Tgt Ion:114 Resp: 5439
Ion Ratio Lower Upper
114 100
63 20.6 15.0 22.4
88 15.3 12.0 18.0

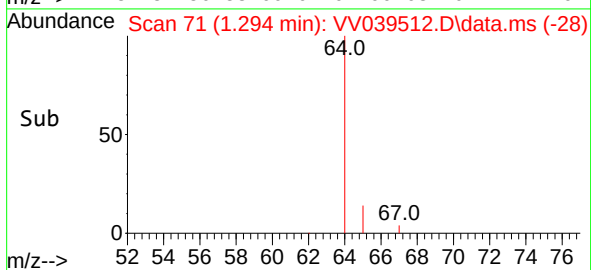
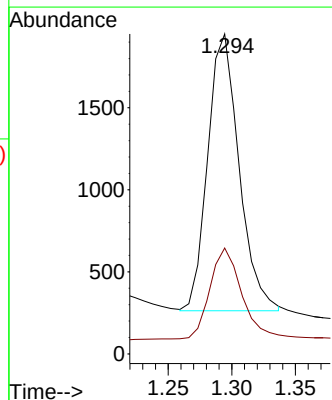
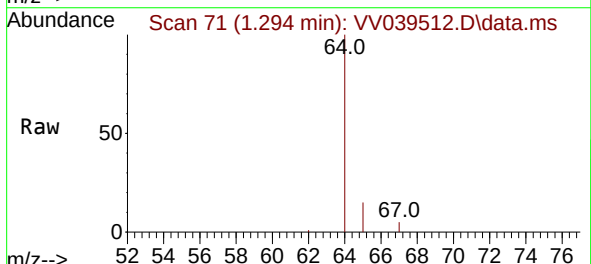
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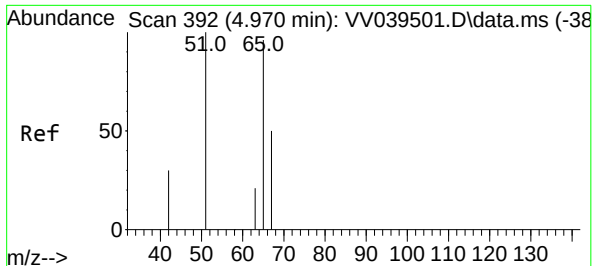
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#2
Vinyl Chloride-d3
Concen: 0.542 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

Tgt Ion: 65 Resp: 2893
Ion Ratio Lower Upper
65 100
67 40.0 22.3 41.5





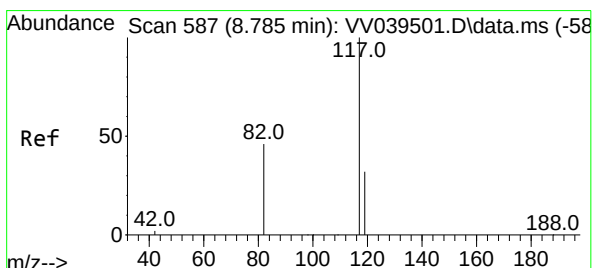
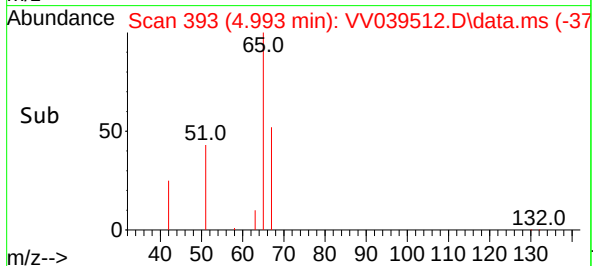
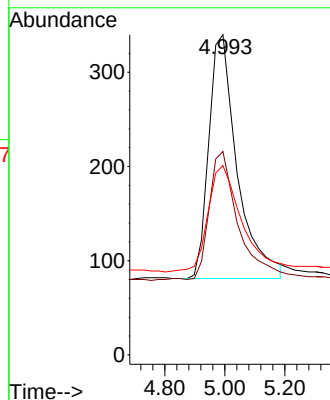
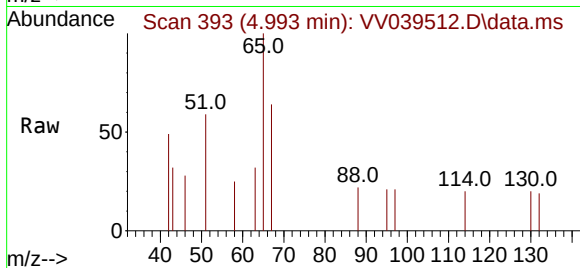
#4
1,2-Dichloroethane-d4
Concen: 0.471 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

Instrument : MSVOA_V
ClientSampleId : VV039512.D
OW-02B-21.2-120425-SIM

Tgt Ion: 65 Resp: 170
Ion Ratio Lower Upper
65 100
67 54.9 32.5 60.3
51 51.8 121.4 225.6

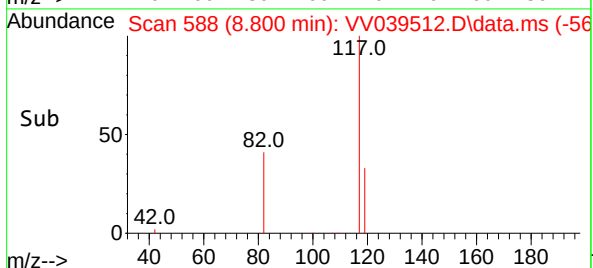
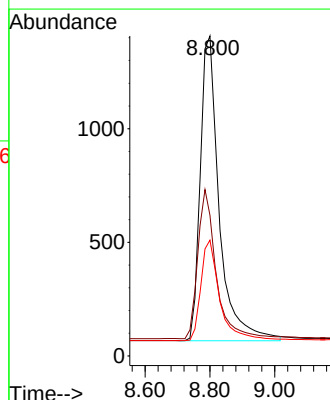
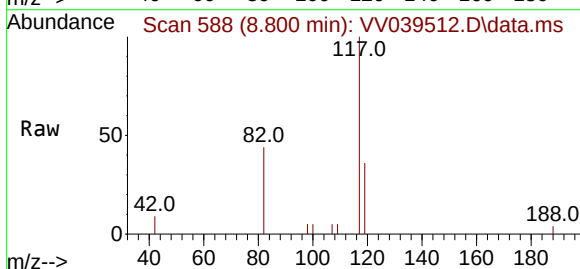
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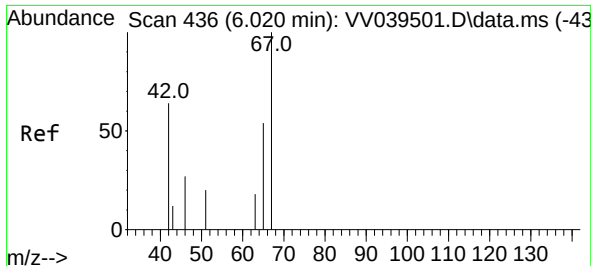
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

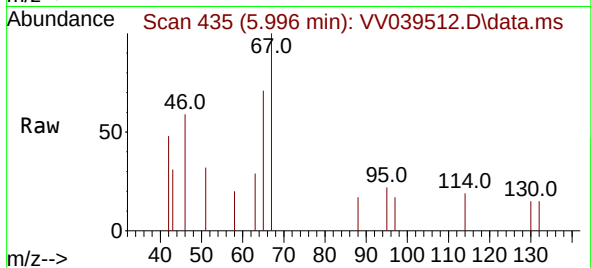
Tgt Ion:117 Resp: 5451
Ion Ratio Lower Upper
117 100
82 47.5 39.4 59.2
119 32.7 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.446 ug/L
RT: 5.996 min Scan# 436
Delta R.T. -0.023 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

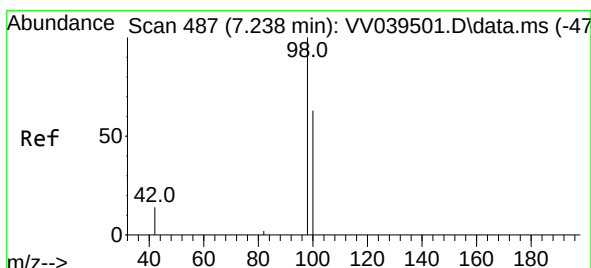
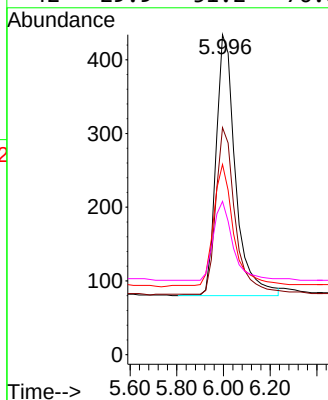
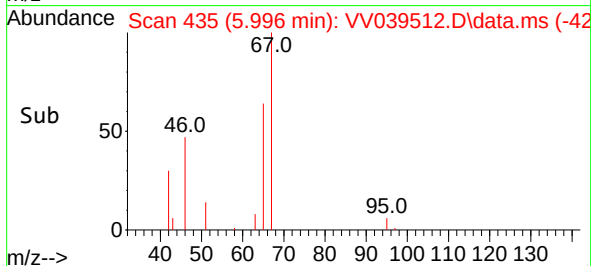
Instrument :
MSVOA_V
ClientSampleId :
OW-02B-21.2-120425-SIM



Tgt Ion: 67 Resp: 2050
Ion Ratio Lower Upper
67 100
65 63.0 37.9 56.9
46 48.2 27.4 41.0
42 29.9 51.2 76.8

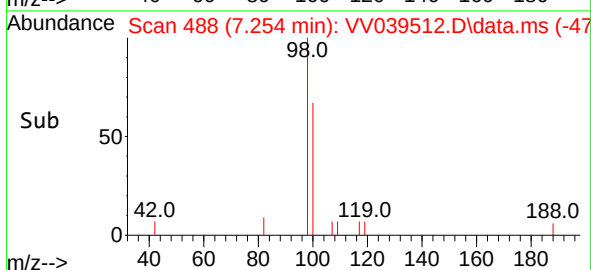
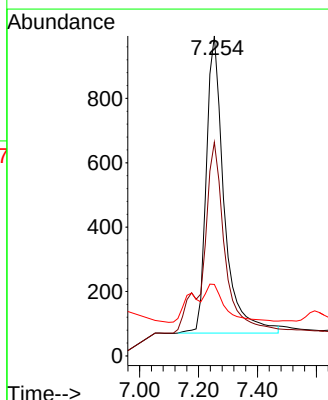
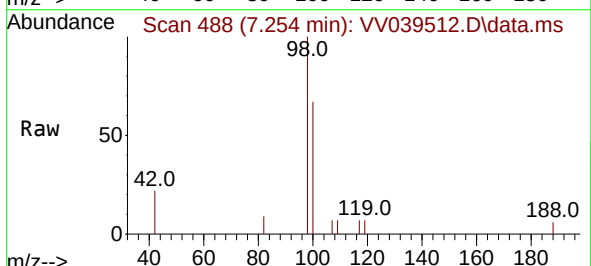
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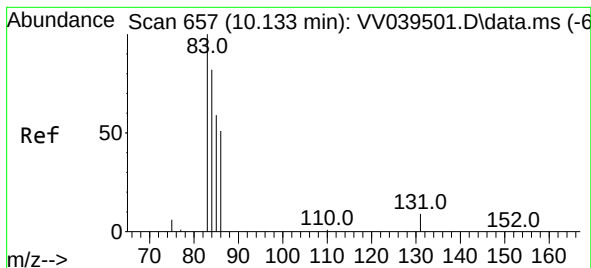
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#8
Toluene-d8
Concen: 0.502 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

Tgt Ion: 98 Resp: 3897
Ion Ratio Lower Upper
98 100
100 77.0 44.5 82.7
42 13.7 10.1 18.7





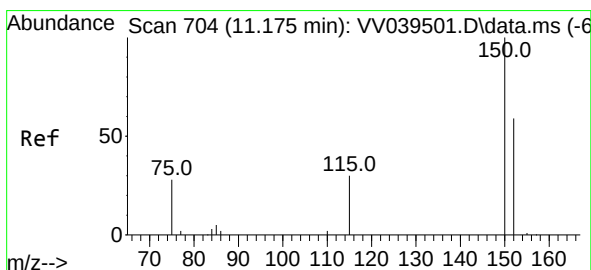
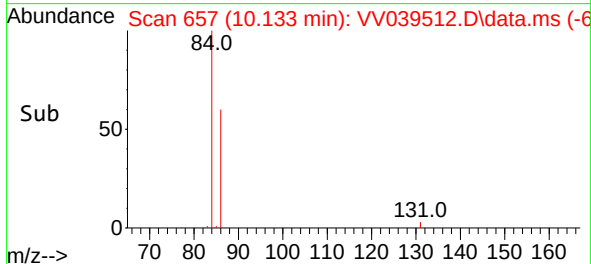
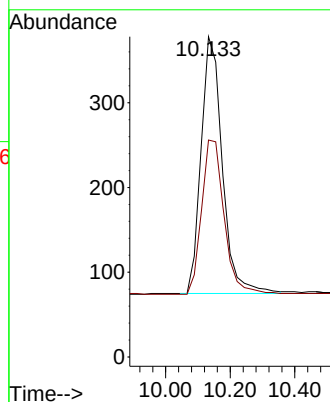
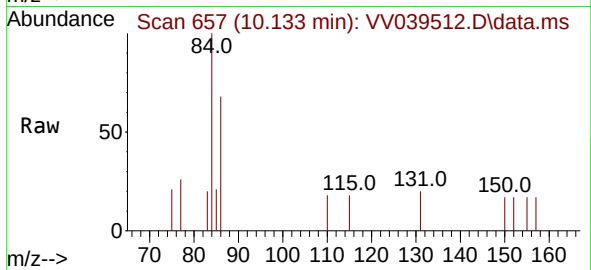
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.534 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

Instrument :
MSVOA_V
ClientSampleId :
OW-02B-21.2-120425-SIM

Tgt Ion: 84 Resp: 1384
Ion Ratio Lower Upper
84 100
86 63.9 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: VV039512.D
Acq: 09 Dec 2025 18:09

Tgt Ion:152 Resp: 2889
Ion Ratio Lower Upper
152 100
115 55.4 0.0 101.6
150 159.6 0.0 396.2

