

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039540.D
 Acq On : 11 Dec 2025 14:29
 Operator : SY/MD
 Sample : Q3828-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-03-138-120925-SIM

Quant Time: Dec 12 00:48:58 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 12/12/2025
 Supervised By :Mahesh Dadoda 12/12/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5770	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	5766	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3147	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	2964m	0.523	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	104.000%		
4) 1,2-Dichloroethane-d4	4.994	65	1814	0.472	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	94.000%		
7) 1,2-Dichloropropane-d6	5.996	67	2040	0.419	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	84.000%		
8) Toluene-d8	7.254	98	3750	0.457	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	92.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1514	0.552	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	110.000%		
Target Compounds					Qvalue	
3) Vinyl chloride	1.295	62	755	0.060	ug/L #	1

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

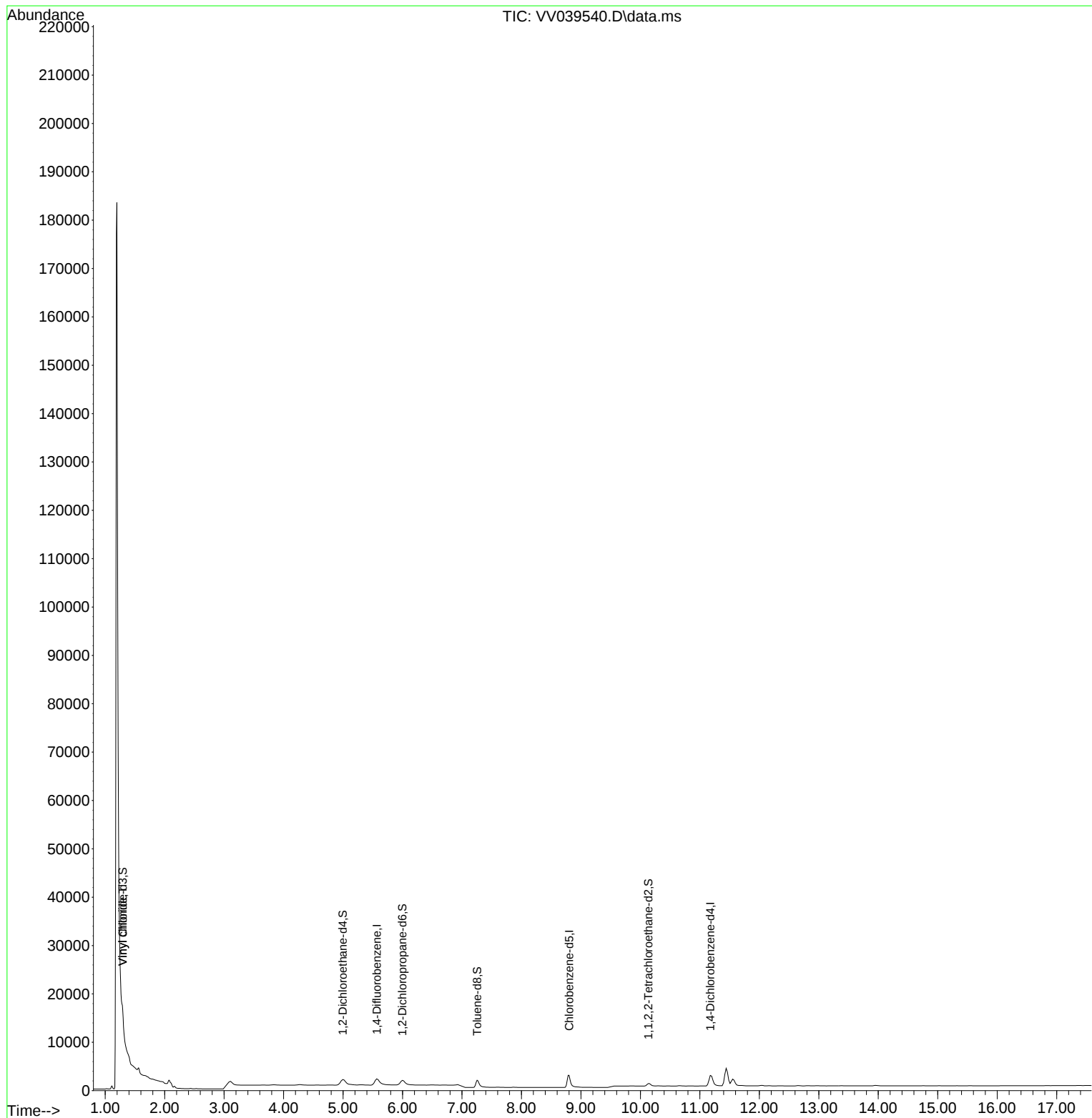
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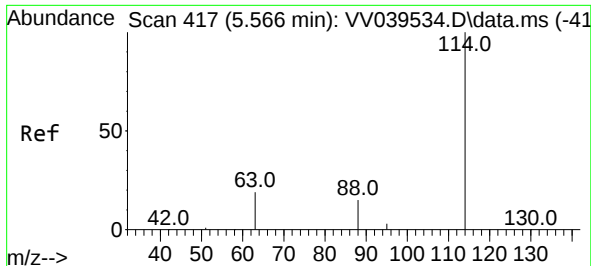
Instrument :
MSVOA_V
ClientSampleId :
OWBR-03-138-120925-SIM

Quant Time: Dec 12 00:48:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
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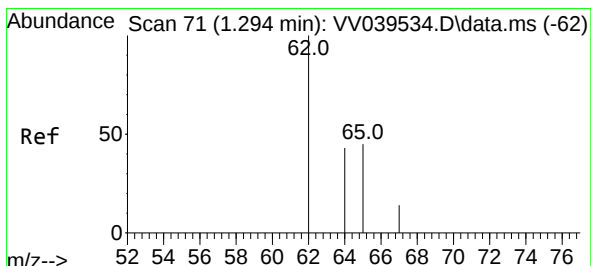
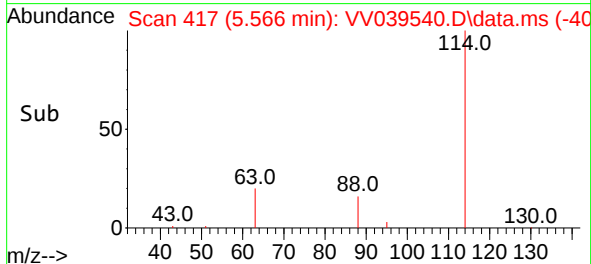
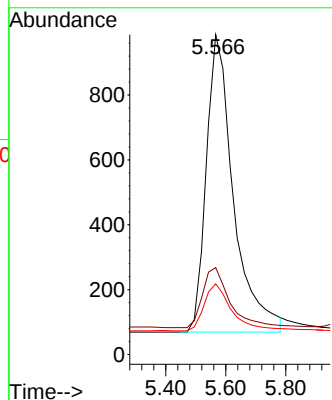
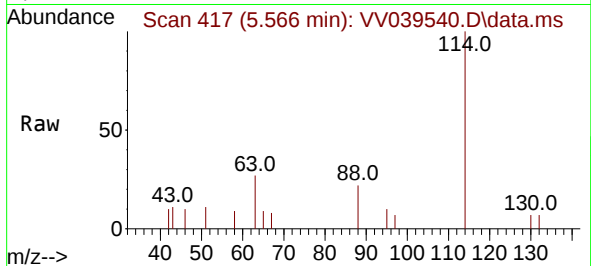
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

Instrument :
MSVOA_V
ClientSampleId :
OWBR-03-138-120925-SIM

Tgt Ion:114 Resp: 5770
Ion Ratio Lower Upper
114 100
63 20.2 15.0 22.4
88 15.9 12.0 18.0

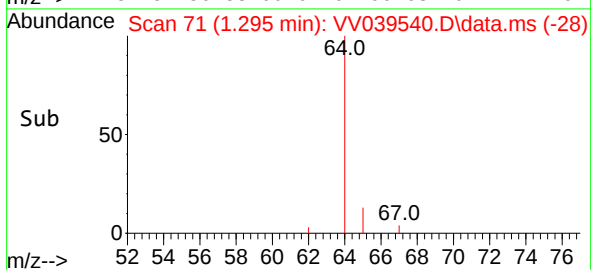
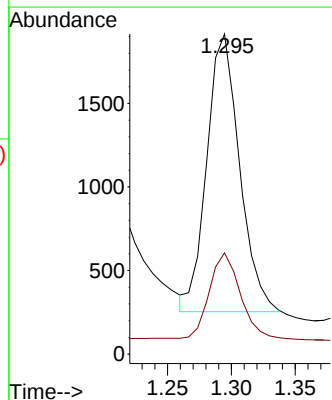
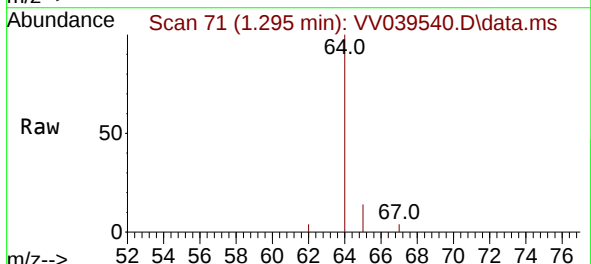
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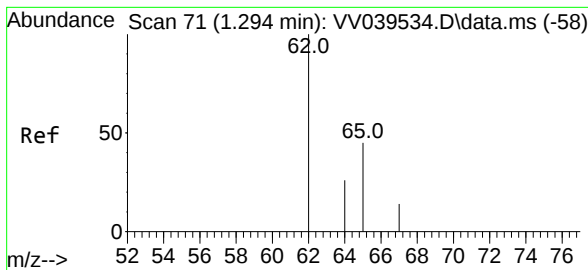
Reviewed By :John Carlone 12/12/2025
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#2
Vinyl Chloride-d3
Concen: 0.523 ug/L m
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

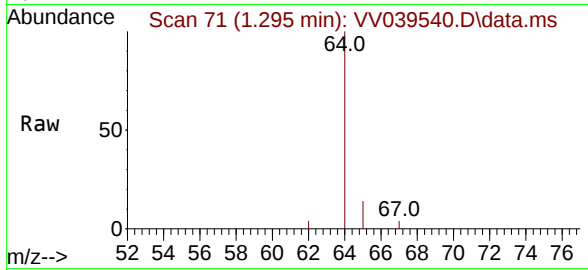
Tgt Ion: 65 Resp: 2964
Ion Ratio Lower Upper
65 100
67 34.4 22.3 41.5





#3
 Vinyl chloride
 Concen: 0.060 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039540.D
 Acq: 11 Dec 2025 14:29

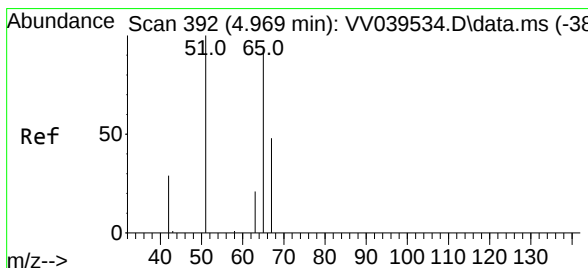
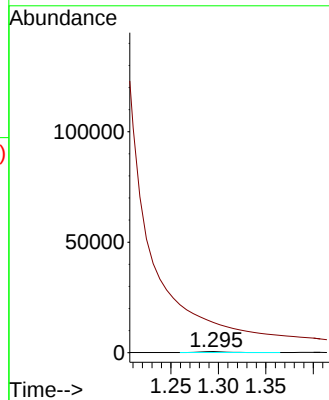
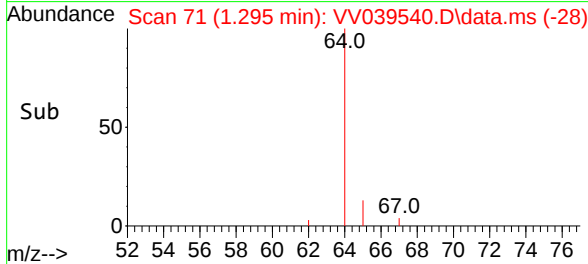
Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-03-138-120925-SIM



Tgt Ion: 62 Resp: 75
 Ion Ratio Lower Upper
 62 100
 64 2711.9 24.8 46.0

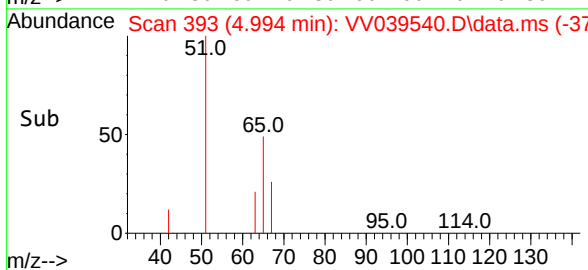
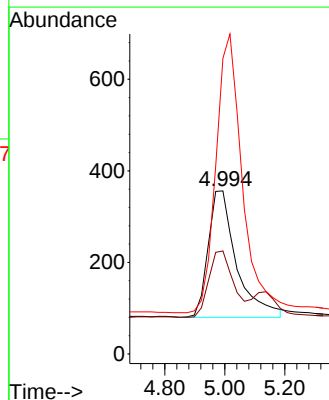
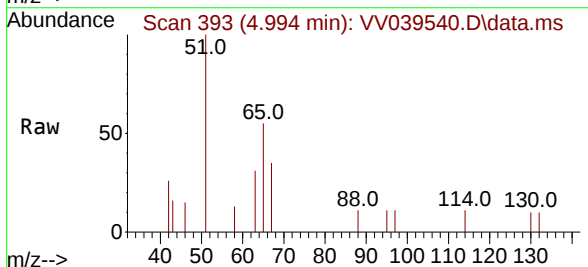
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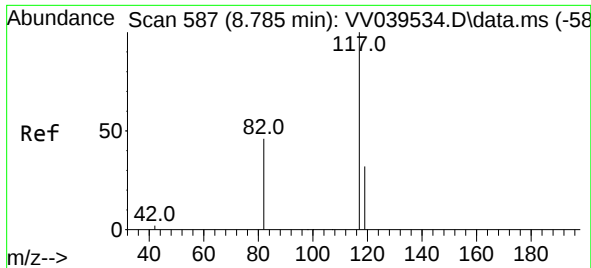
Reviewed By :John Carlone 12/12/2025
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#4
 1,2-Dichloroethane-d4
 Concen: 0.472 ug/L
 RT: 4.994 min Scan# 393
 Delta R.T. 0.025 min
 Lab File: VV039540.D
 Acq: 11 Dec 2025 14:29

Tgt Ion: 65 Resp: 1814
 Ion Ratio Lower Upper
 65 100
 67 45.5 32.5 60.3
 51 203.5 121.4 225.6





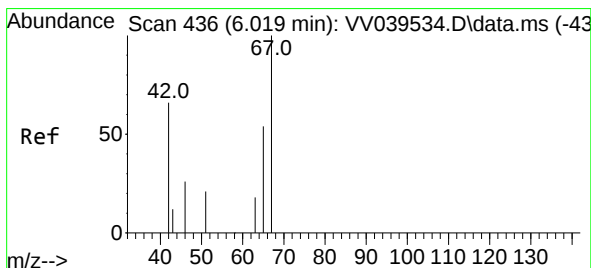
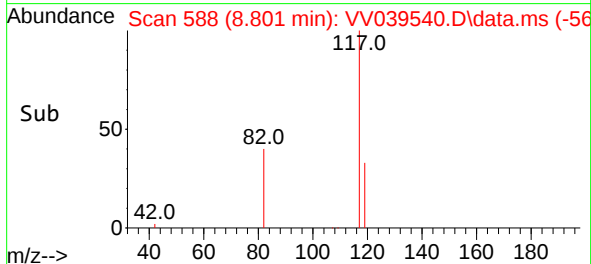
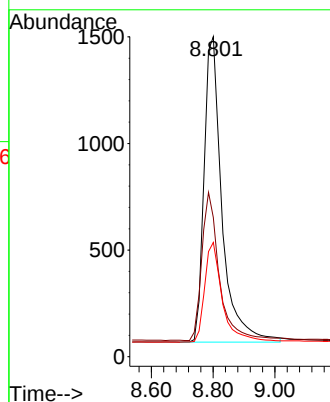
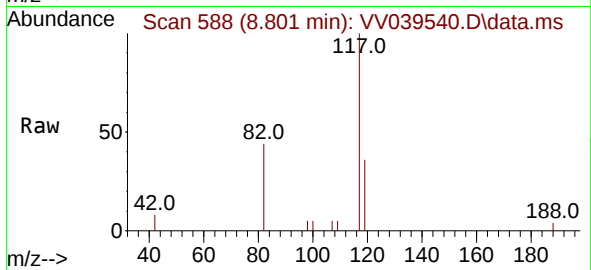
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 511
Delta R.T. 0.016 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

Instrument :
MSVOA_V
ClientSampleId :
OWBR-03-138-120925-SIM

Tgt Ion:	117	Resp:	576
Ion	Ratio	Lower	Upper
117	100		
82	47.5	39.4	59.2
119	32.5	26.2	39.2

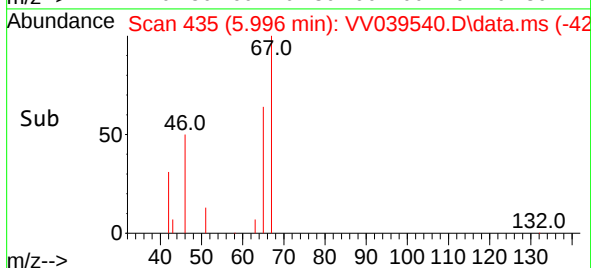
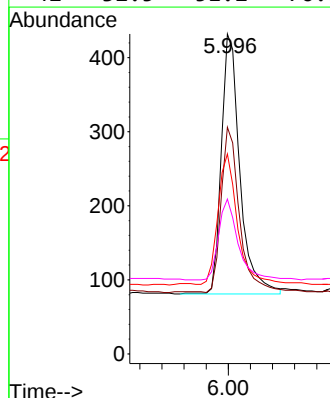
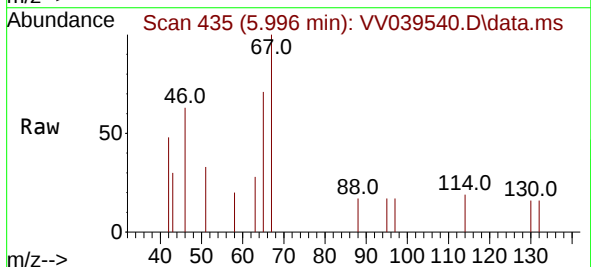
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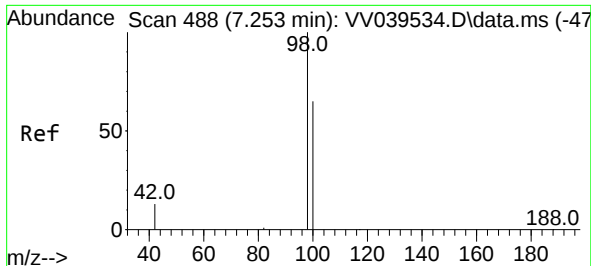
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#7
1,2-Dichloropropane-d6
Concen: 0.419 ug/L
RT: 5.996 min Scan# 435
Delta R.T. -0.023 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

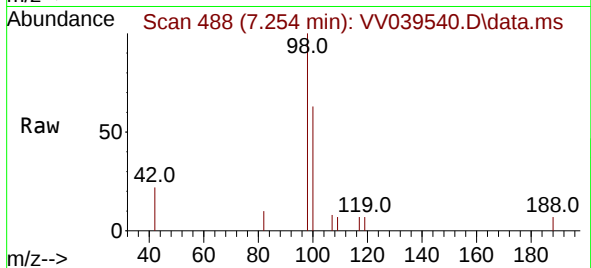
Tgt Ion:	67	Resp:	2040
Ion	Ratio	Lower	Upper
67	100		
65	61.6	37.9	56.9#
46	52.5	27.4	41.0#
42	32.5	51.2	76.8#





#8
Toluene-d8
Concen: 0.457 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

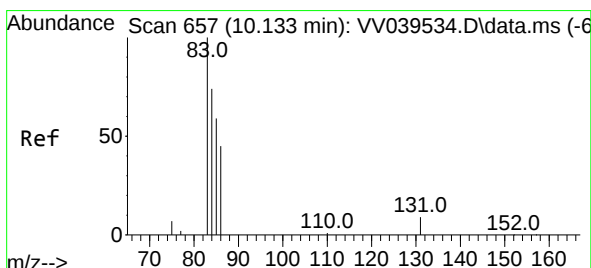
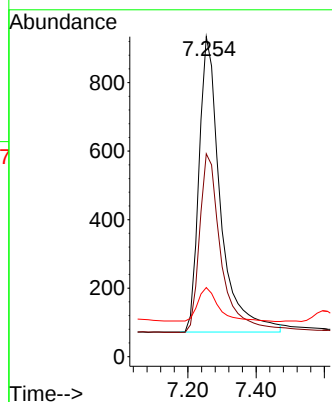
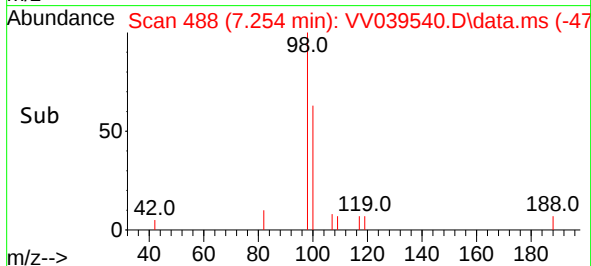
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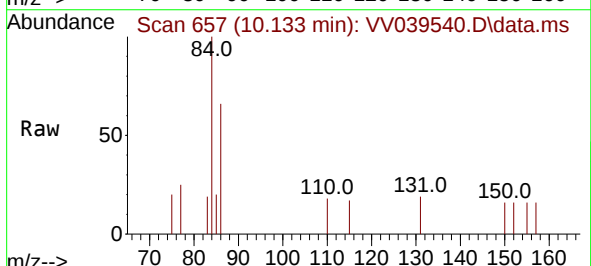
Tgt Ion: 98 Resp: 3750
Ion Ratio Lower Upper
98 100
100 61.3 44.5 82.7
42 11.1 10.1 18.7

Manual Integrations
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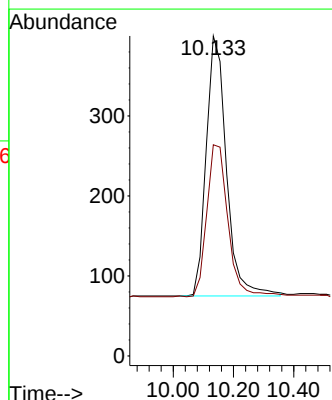
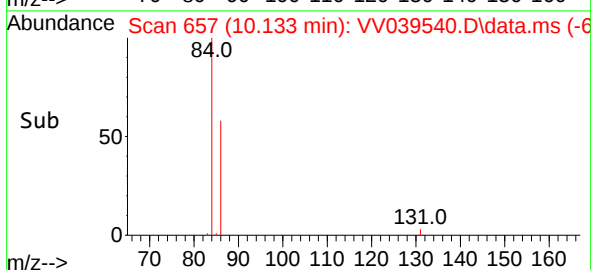
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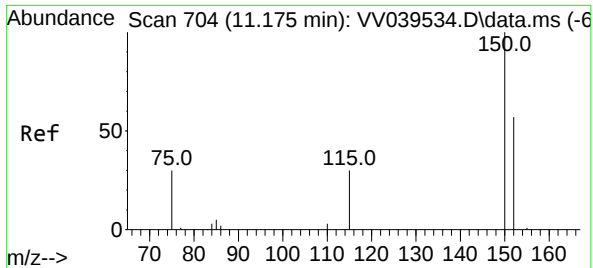


#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.552 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29



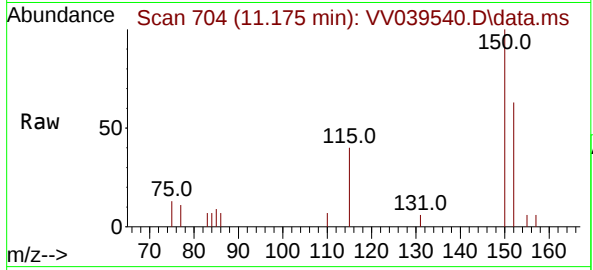
Tgt Ion: 84 Resp: 1514
Ion Ratio Lower Upper
84 100
86 61.6 44.4 82.5





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.175 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VV039540.D
 Acq: 11 Dec 2025 14:29

Instrument : MSVOA_V
 ClientSampleId :
 OWBR-03-138-120925-SIM



Tgt Ion:	152	Resp:	314
Ion Ratio	Lower	Upper	
152	100		
115	56.6	0.0	101.6
150	159.9	0.0	396.2

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