

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039489.D
 Acq On : 08 Dec 2025 13:54
 Operator : SY/MD
 Sample : Q3787-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-15B-42.5-120425-SIM

Quant Time: Dec 09 01:27:16 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

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	7018	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6420	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3368	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3615m	0.512	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	102.000%		
4) 1,2-Dichloroethane-d4	4.969	65	2037	0.436	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	88.000%		
7) 1,2-Dichloropropane-d6	5.995	67	2258	0.417	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	84.000%		
8) Toluene-d8	7.253	98	4297	0.470	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	94.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1651	0.541	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	108.000%		
Target Compounds						
3) Vinyl chloride	1.294	62	13617	0.897	ug/L #	1
6) Trichloroethene	5.828	95	42793	5.378	ug/L	96

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

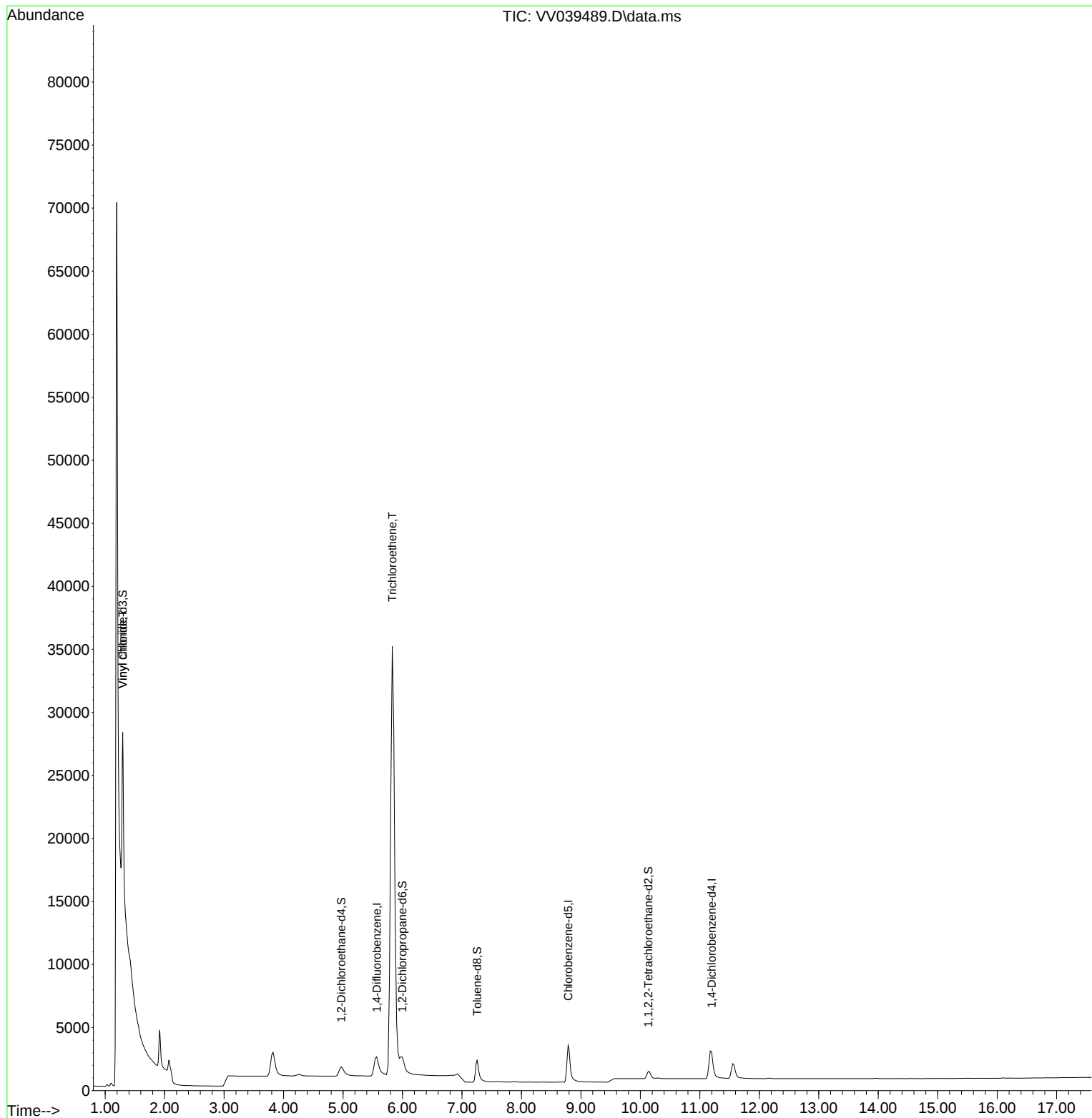
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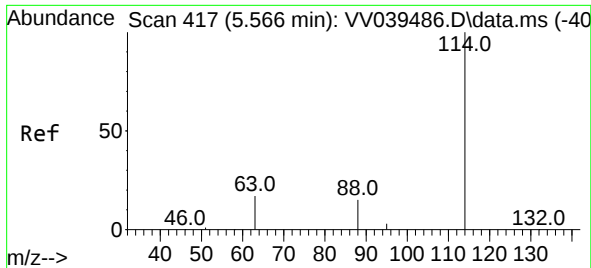
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIM

Quant Time: Dec 09 01:27:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
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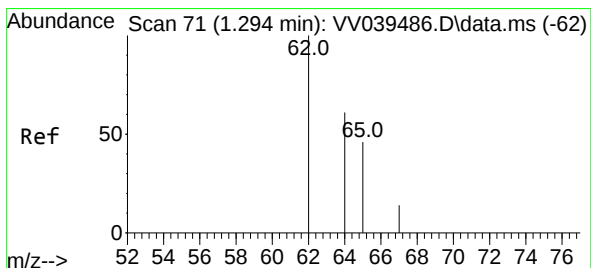
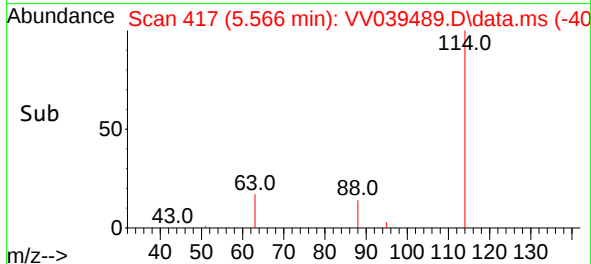
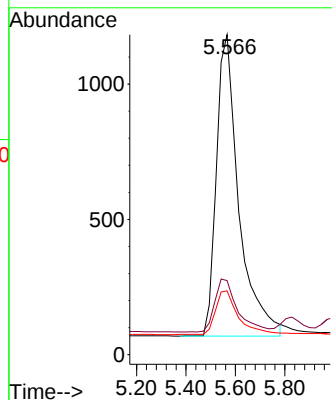
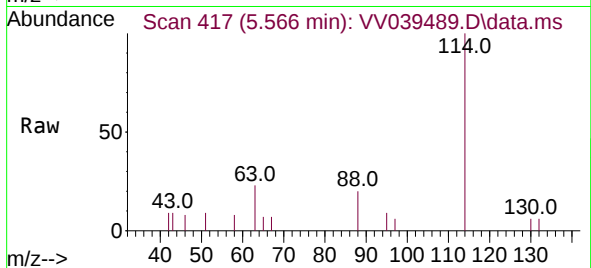
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIM

Tgt Ion:114 Resp: 7018
Ion Ratio Lower Upper
114 100
63 17.8 15.0 22.4
88 14.6 12.0 18.0

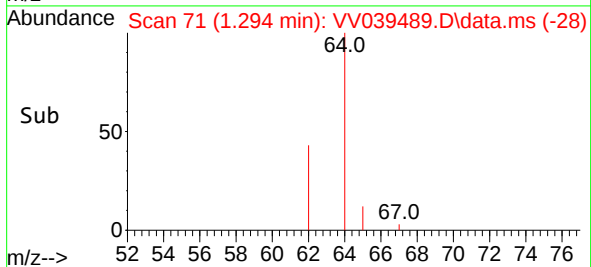
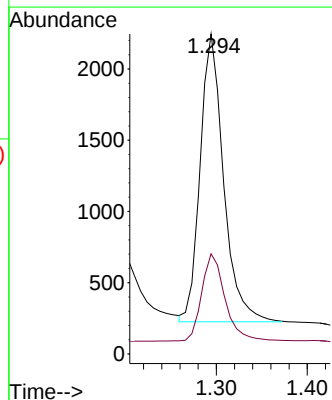
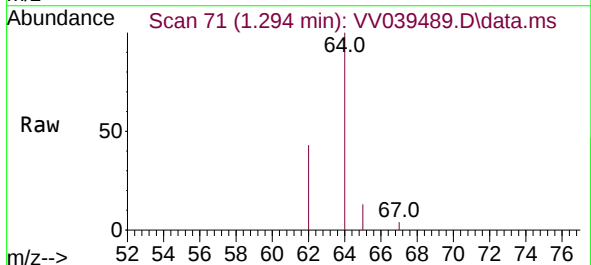
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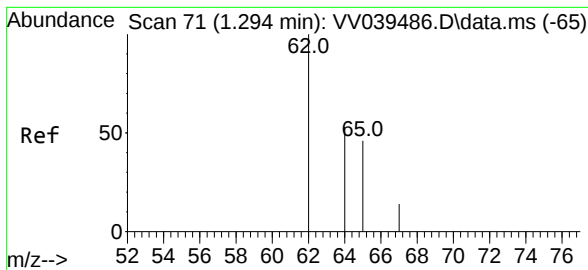
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.512 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

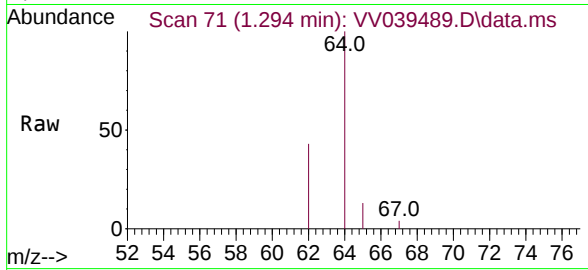
Tgt Ion: 65 Resp: 3615
Ion Ratio Lower Upper
65 100
67 30.4 22.3 41.5





#3
 Vinyl chloride
 Concen: 0.897 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039489.D
 Acq: 08 Dec 2025 13:54

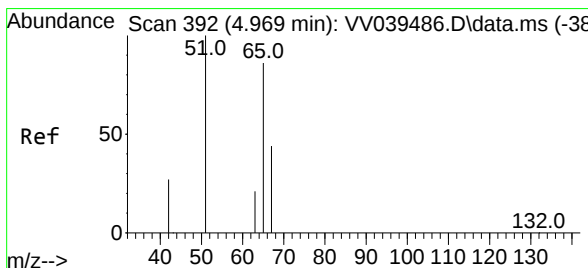
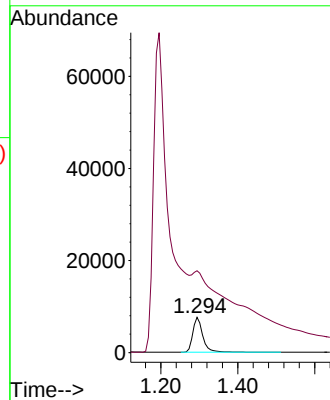
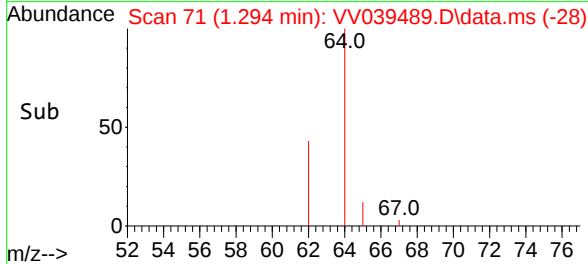
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-15B-42.5-120425-SIM



Tgt Ion: 62 Resp: 13617
 Ion Ratio Lower Upper
 62 100
 64 231.9 24.8 46.0

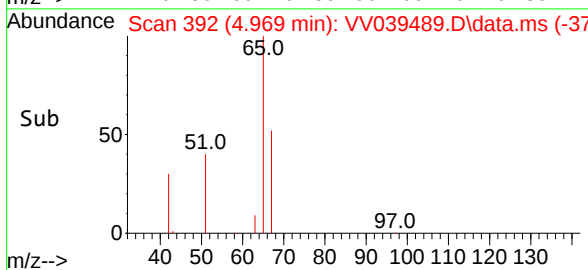
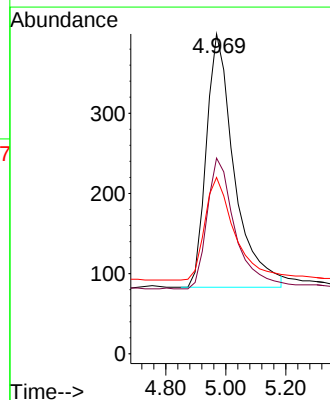
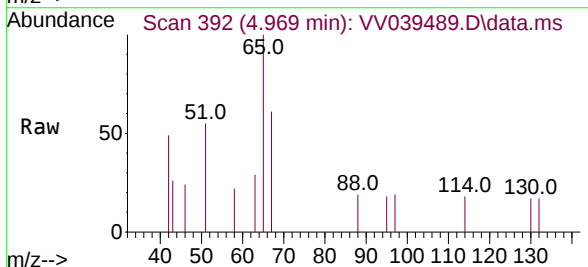
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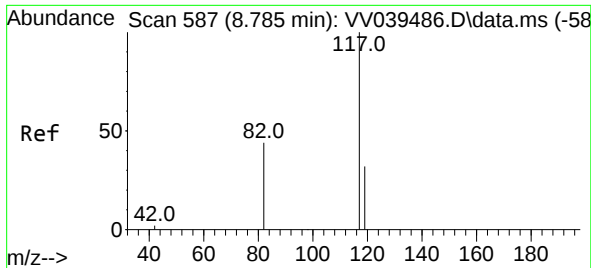
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025



#4
 1,2-Dichloroethane-d4
 Concen: 0.436 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039489.D
 Acq: 08 Dec 2025 13:54

Tgt Ion: 65 Resp: 2037
 Ion Ratio Lower Upper
 65 100
 67 52.2 32.5 60.3
 51 43.3 121.4 225.6





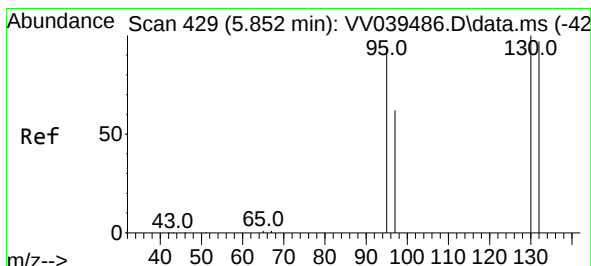
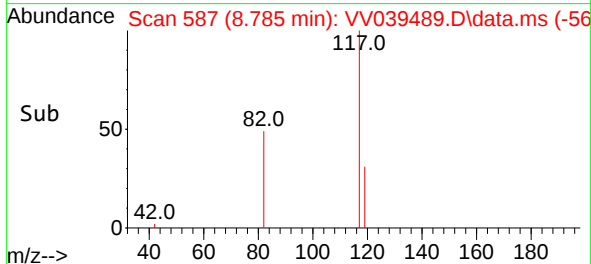
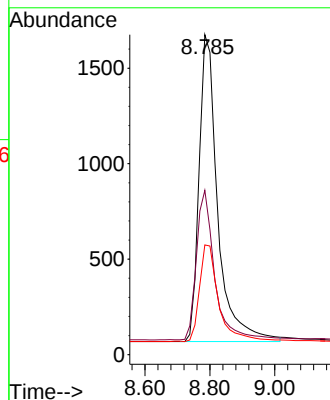
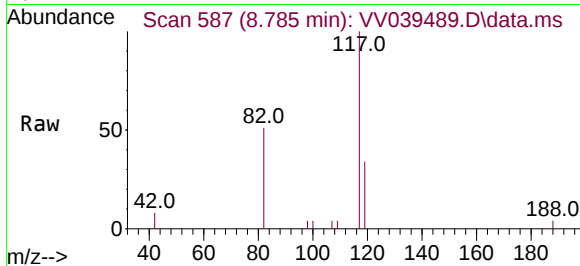
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

Instrument : MSVOA_V
ClientSampleId : MW-15B-42.5-120425-SIM

Tgt Ion:	117	Resp:	6420
Ion	Ratio	Lower	Upper
117	100		
82	47.7	39.4	59.2
119	32.3	26.2	39.2

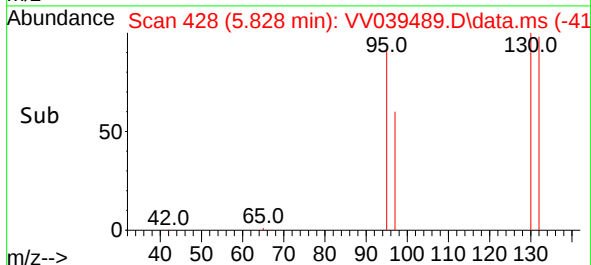
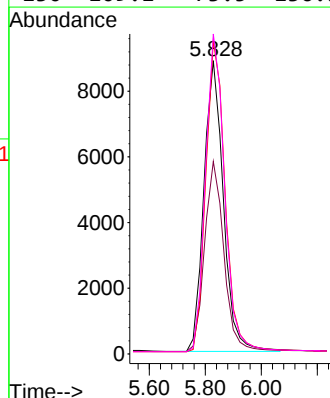
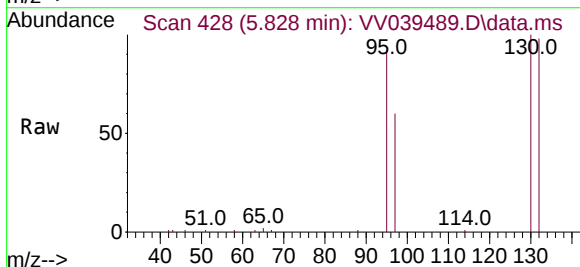
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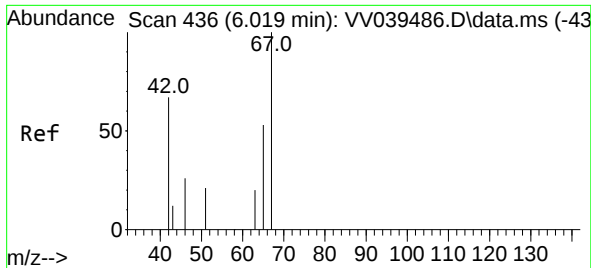
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#6
Trichloroethene
Concen: 5.378 ug/L
RT: 5.828 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

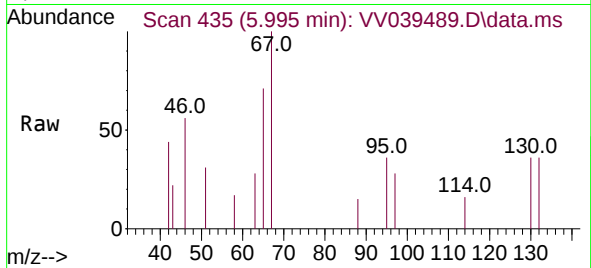
Tgt Ion:	95	Resp:	42793
Ion	Ratio	Lower	Upper
95	100		
97	65.6	47.7	88.7
132	106.8	70.8	131.4
130	109.1	73.5	136.5





#7
1,2-Dichloropropane-d6
Concen: 0.417 ug/L
RT: 5.995 min Scan# 436
Delta R.T. -0.024 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

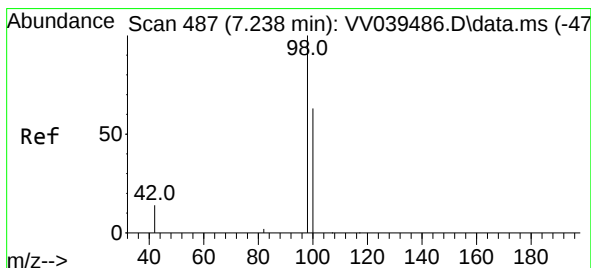
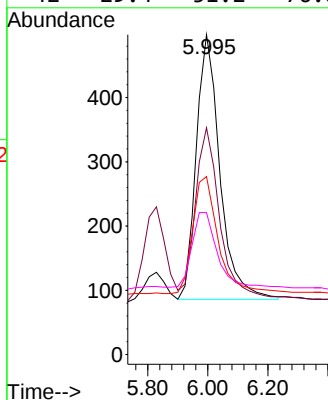
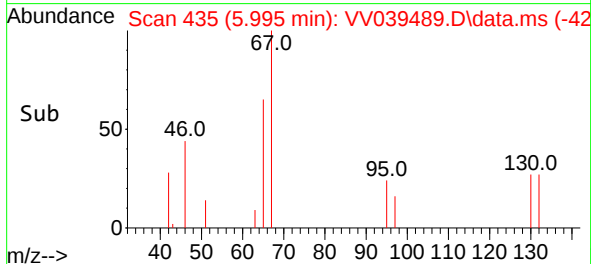
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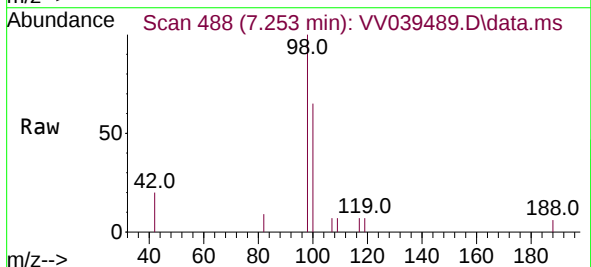
Tgt Ion: 67 Resp: 2258
Ion Ratio Lower Upper
67 100
65 63.4 37.9 56.9
46 47.7 27.4 41.0
42 29.4 51.2 76.8

Manual Integrations
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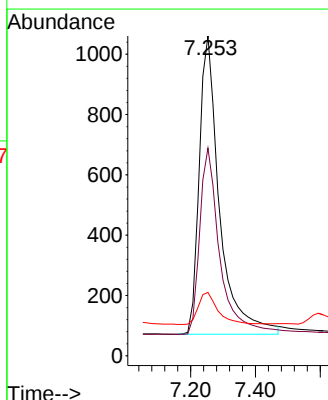
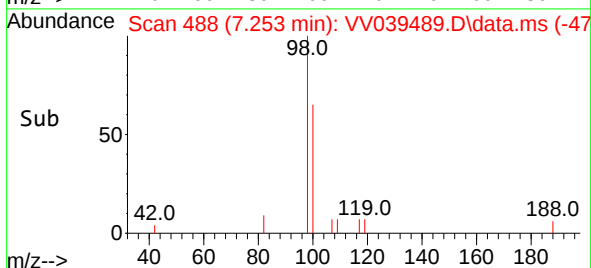
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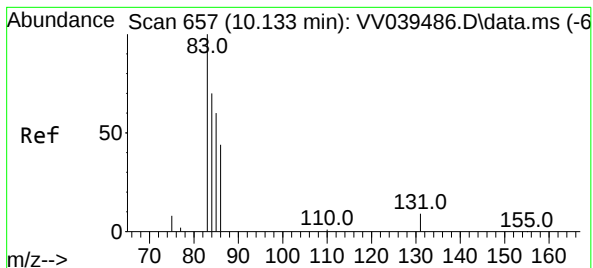


#8
Toluene-d8
Concen: 0.470 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54



Tgt Ion: 98 Resp: 4297
Ion Ratio Lower Upper
98 100
100 62.1 44.5 82.7
42 10.5 10.1 18.7





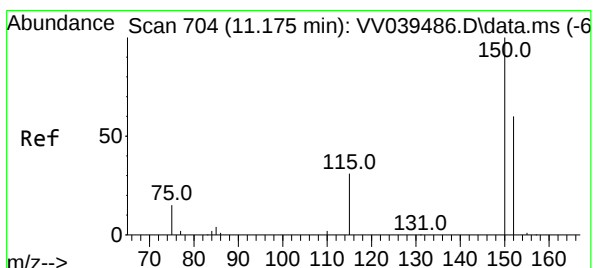
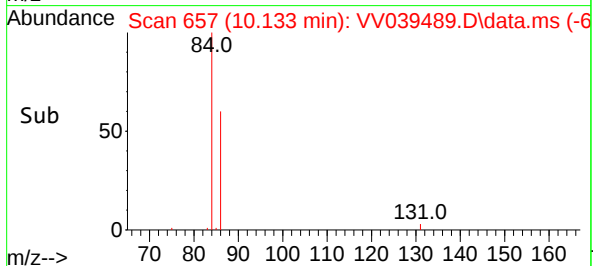
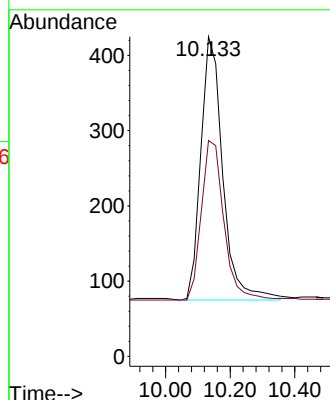
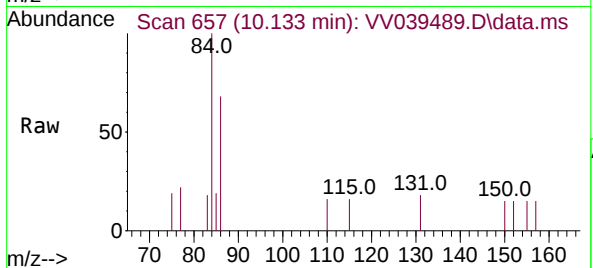
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.541 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIM

Tgt Ion: 84 Resp: 165
Ion Ratio Lower Upper
84 100
86 62.0 44.4 82.5

Manual Integrations
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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: VV039489.D
Acq: 08 Dec 2025 13:54

Tgt Ion:152 Resp: 3368
Ion Ratio Lower Upper
152 100
115 53.7 0.0 101.6
150 159.5 0.0 396.2

