

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039464.D
 Acq On : 04 Dec 2025 12:42
 Operator : SY/MD
 Sample : Q3756-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-04-12-120225-SIM

Quant Time: Dec 05 00:09:33 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)

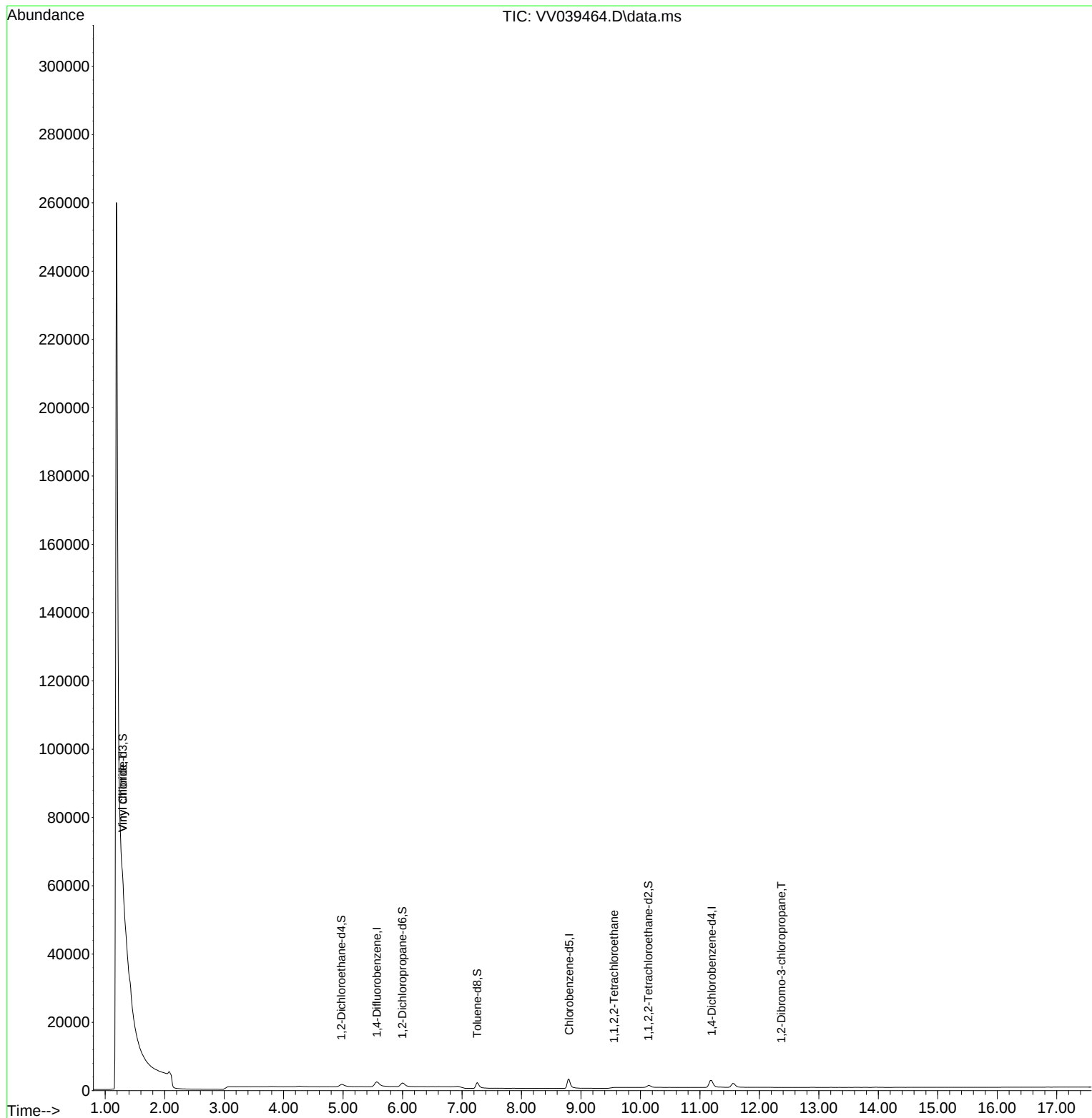
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6286	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6269	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3210	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	8022	1.269	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 254.000%#	
4) 1,2-Dichloroethane-d4	4.969	65	1917	0.458	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 92.000%	
7) 1,2-Dichloropropane-d6	5.995	67	2296	0.434	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 86.000%	
8) Toluene-d8	7.253	98	4263	0.478	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 96.000%	
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1642	0.551	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 110.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	226	0.017	ug/L #	1
11) 1,1,2,2-Tetrachloroethane	9.556	83	2801	0.445	ug/L #	64
14) 1,2-Dibromo-3-chloropr...	12.373	75	15	0.022	ug/L	96

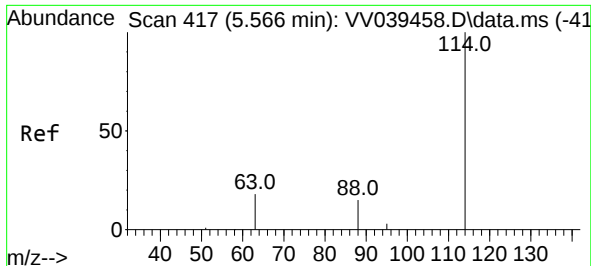
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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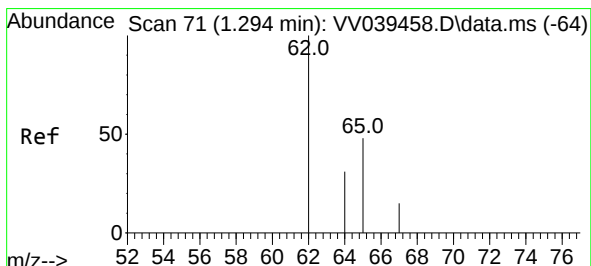
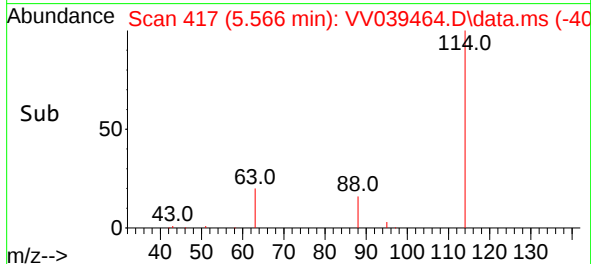
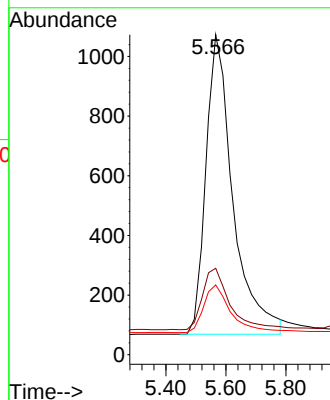
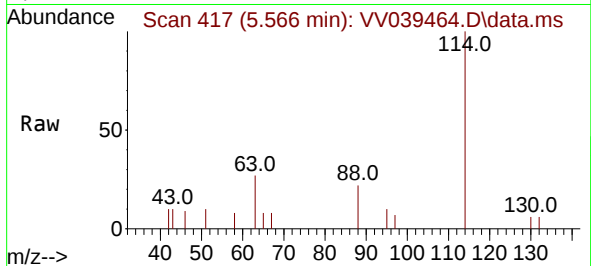




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

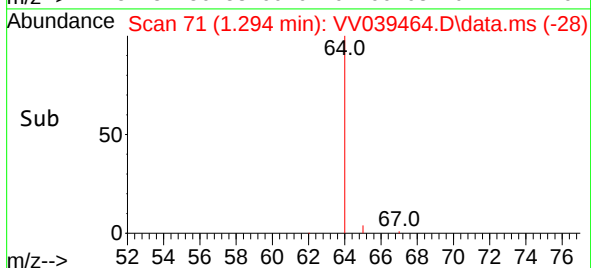
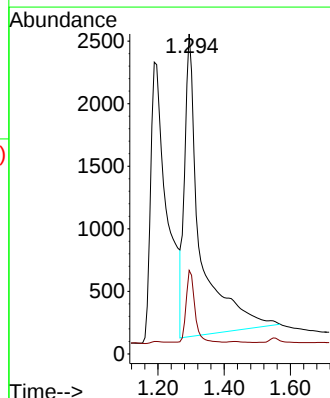
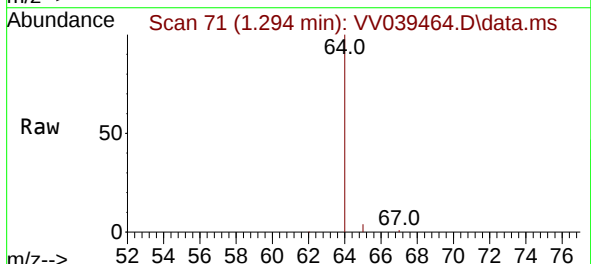
Instrument :
MSVOA_V
ClientSampleId :
MW-04-12-120225-SIM

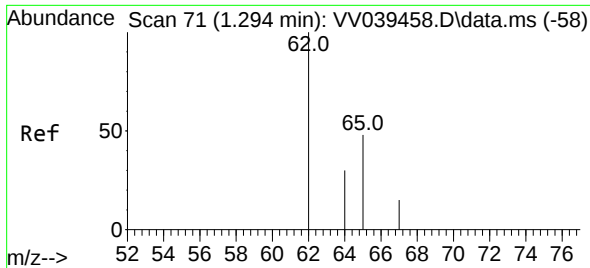
Tgt Ion:	114	Resp:	6286
Ion	Ratio	Lower	Upper
114	100		
63	20.7	15.0	22.4
88	16.0	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 1.269 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

Tgt Ion:	65	Resp:	8022
Ion	Ratio	Lower	Upper
65	100		
67	13.3	22.3	41.5

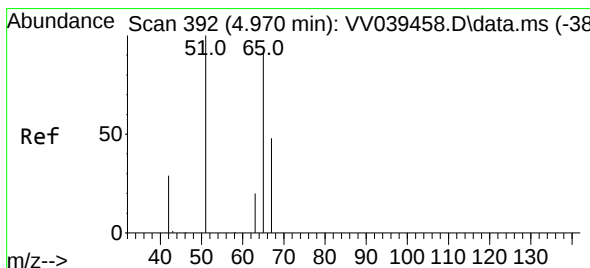
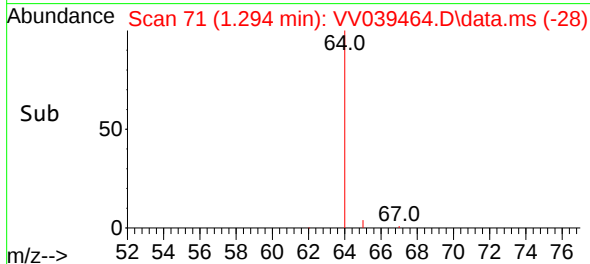
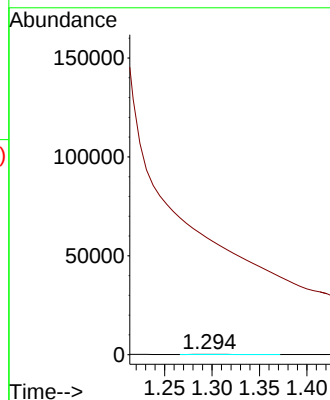
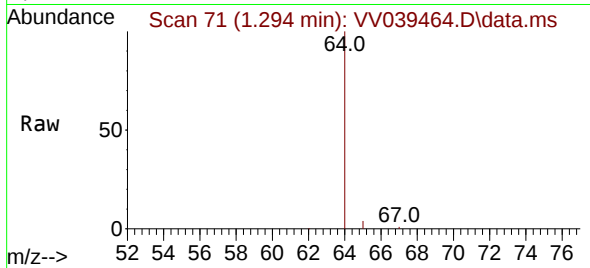




#3
 Vinyl chloride
 Concen: 0.017 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039464.D
 Acq: 04 Dec 2025 12:42

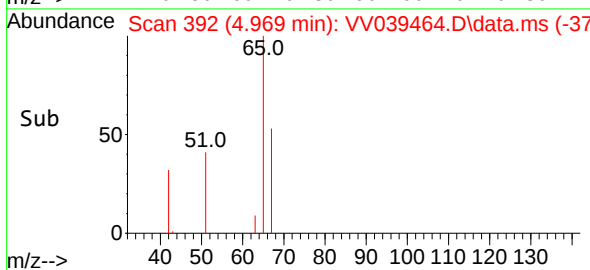
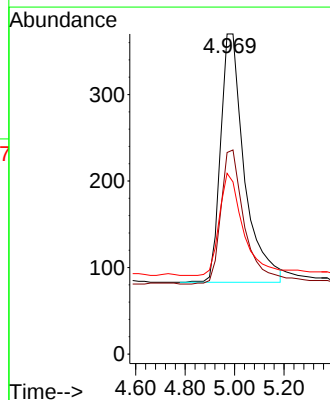
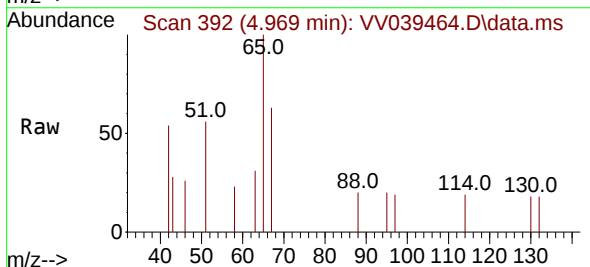
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-04-12-120225-SIM

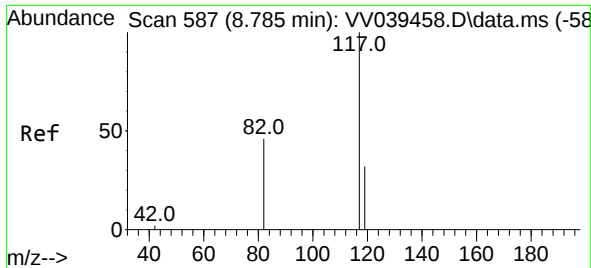
Tgt Ion: 62 Resp: 226
 Ion Ratio Lower Upper
 62 100
 64 34046.0 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.458 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039464.D
 Acq: 04 Dec 2025 12:42

Tgt Ion: 65 Resp: 1917
 Ion Ratio Lower Upper
 65 100
 67 53.7 32.5 60.3
 51 41.0 121.4 225.6#

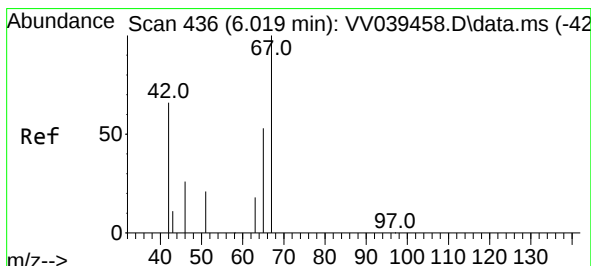
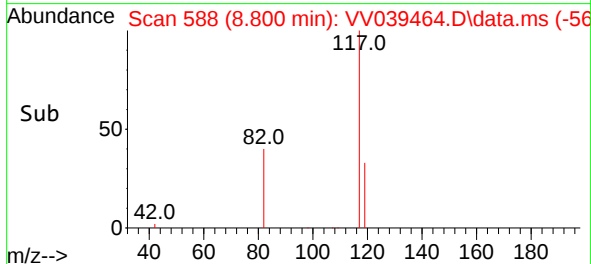
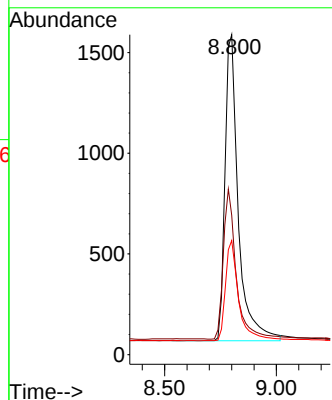
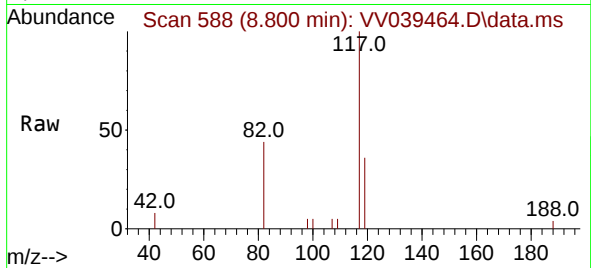




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.015 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

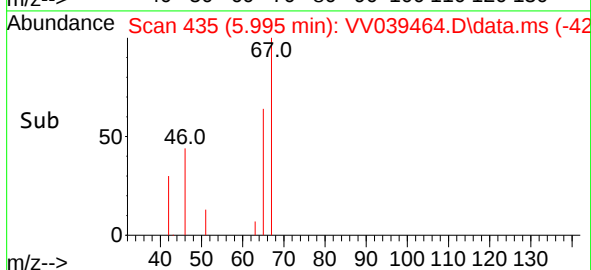
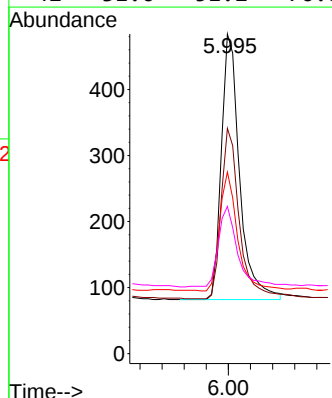
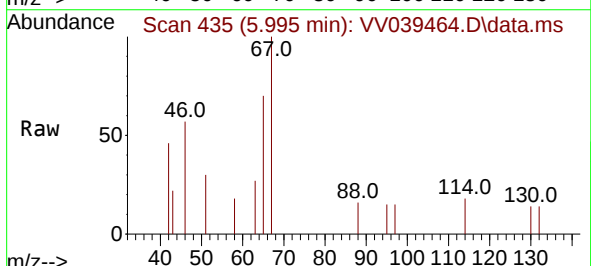
Instrument :
MSVOA_V
ClientSampleId :
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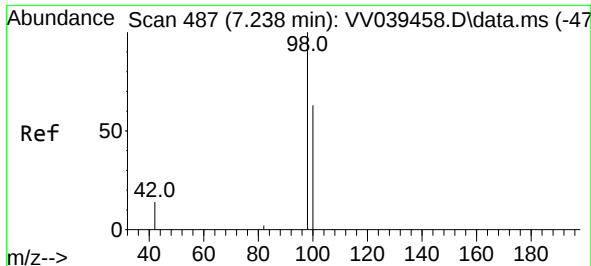
Tgt Ion:	117	Resp:	6269
Ion	Ratio	Lower	Upper
117	100		
82	47.9	39.4	59.2
119	32.6	26.2	39.2



#7
1,2-Dichloropropane-d6
Concen: 0.434 ug/L
RT: 5.995 min Scan# 435
Delta R.T. -0.024 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

Tgt Ion:	67	Resp:	2296
Ion	Ratio	Lower	Upper
67	100		
65	64.3	37.9	56.9#
46	44.3	27.4	41.0#
42	31.6	51.2	76.8#





#8

Toluene-d8

Concen: 0.478 ug/L

RT: 7.253 min Scan# 41

Delta R.T. 0.015 min

Lab File: VV039464.D

Acq: 04 Dec 2025 12:42

Instrument :

MSVOA_V

ClientSampleId :

MW-04-12-120225-SIM

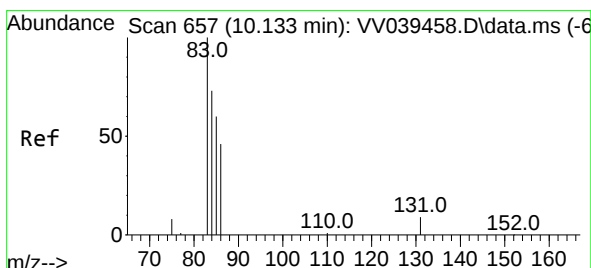
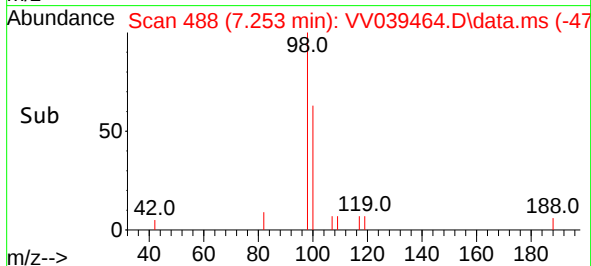
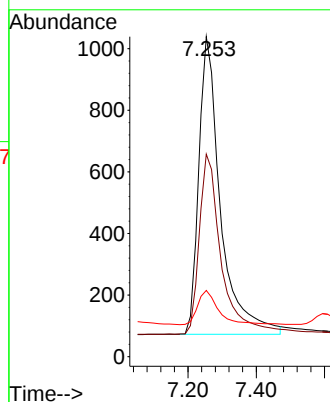
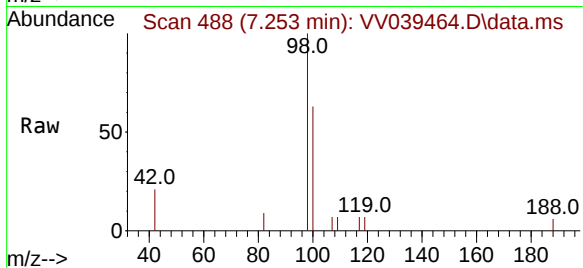
Tgt Ion: 98 Resp: 4263

Ion Ratio Lower Upper

98 100

100 61.0 44.5 82.7

42 11.1 10.1 18.7



#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.551 ug/L

RT: 10.133 min Scan# 657

Delta R.T. -0.000 min

Lab File: VV039464.D

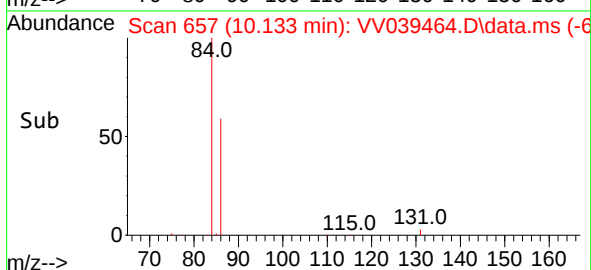
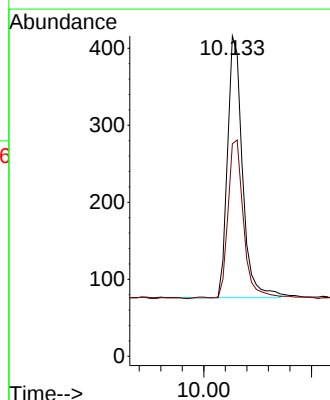
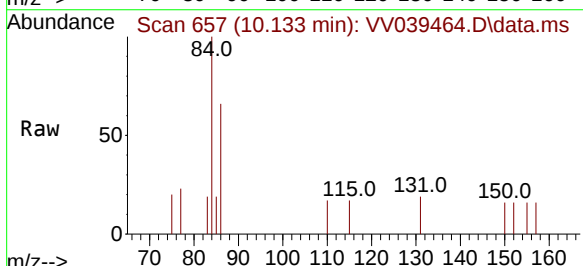
Acq: 04 Dec 2025 12:42

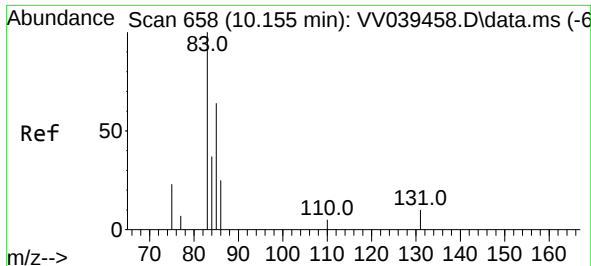
Tgt Ion: 84 Resp: 1642

Ion Ratio Lower Upper

84 100

86 61.8 44.4 82.5

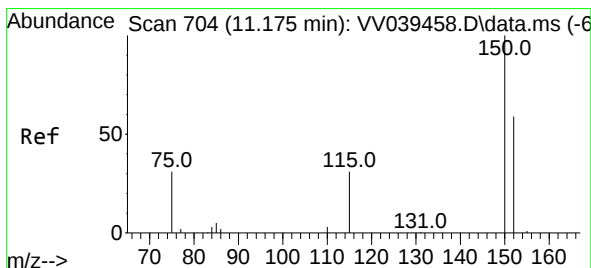
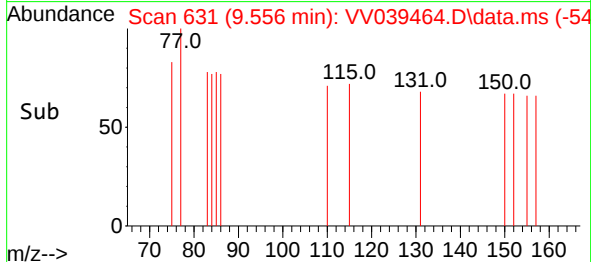
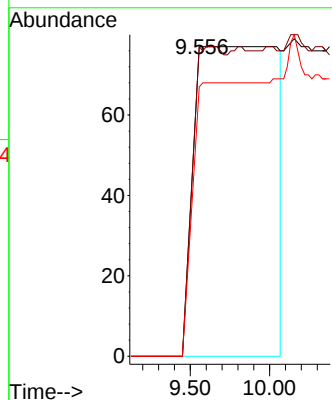
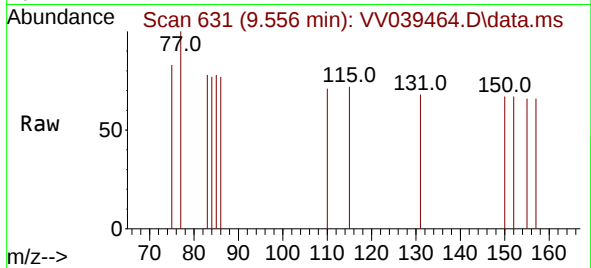




#11
1,1,2,2-Tetrachloroethane
Concen: 0.445 ug/L
RT: 9.556 min Scan# 61
Delta R.T. -0.599 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

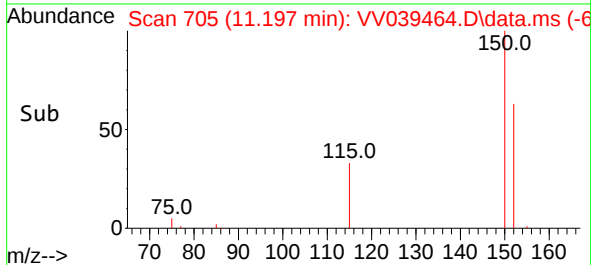
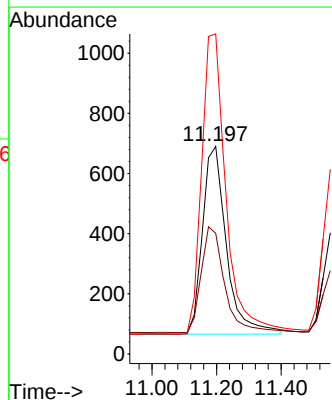
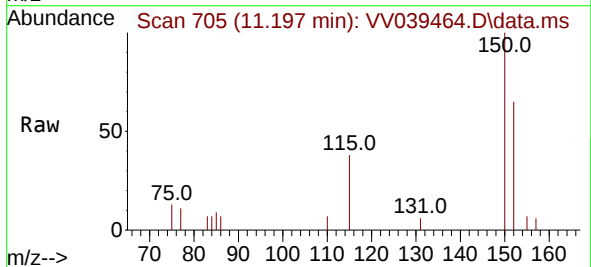
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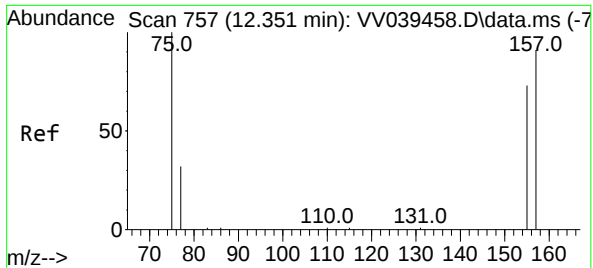
Tgt Ion: 83 Resp: 2801
Ion Ratio Lower Upper
83 100
85 40.3 51.0 76.6#
131 36.8 8.6 12.8#



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

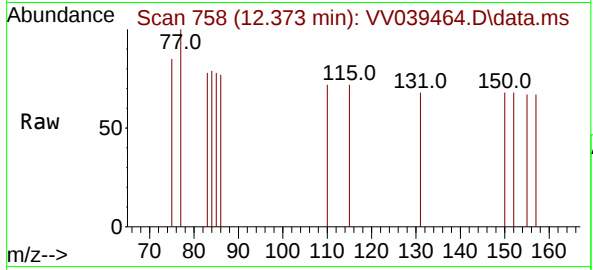
Tgt Ion: 152 Resp: 3210
Ion Ratio Lower Upper
152 100
115 54.8 0.0 101.6
150 162.2 0.0 396.2





#14
 1,2-Dibromo-3-chloropropane
 Concen: 0.022 ug/L
 RT: 12.373 min Scan# 75
 Delta R.T. 0.022 min
 Lab File: VV039464.D
 Acq: 04 Dec 2025 12:42

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-04-12-120225-SIM



Tgt Ion:	75	Resp:	15
Ion	Ratio	Lower	Upper
75	100		
157	79.5	67.8	101.6
155	79.5	61.9	92.9

