

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039476.D
 Acq On : 05 Dec 2025 13:37
 Operator : SY/MD
 Sample : Q3757-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-14B-46-120325-SIM

Quant Time: Dec 05 22:48:39 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)

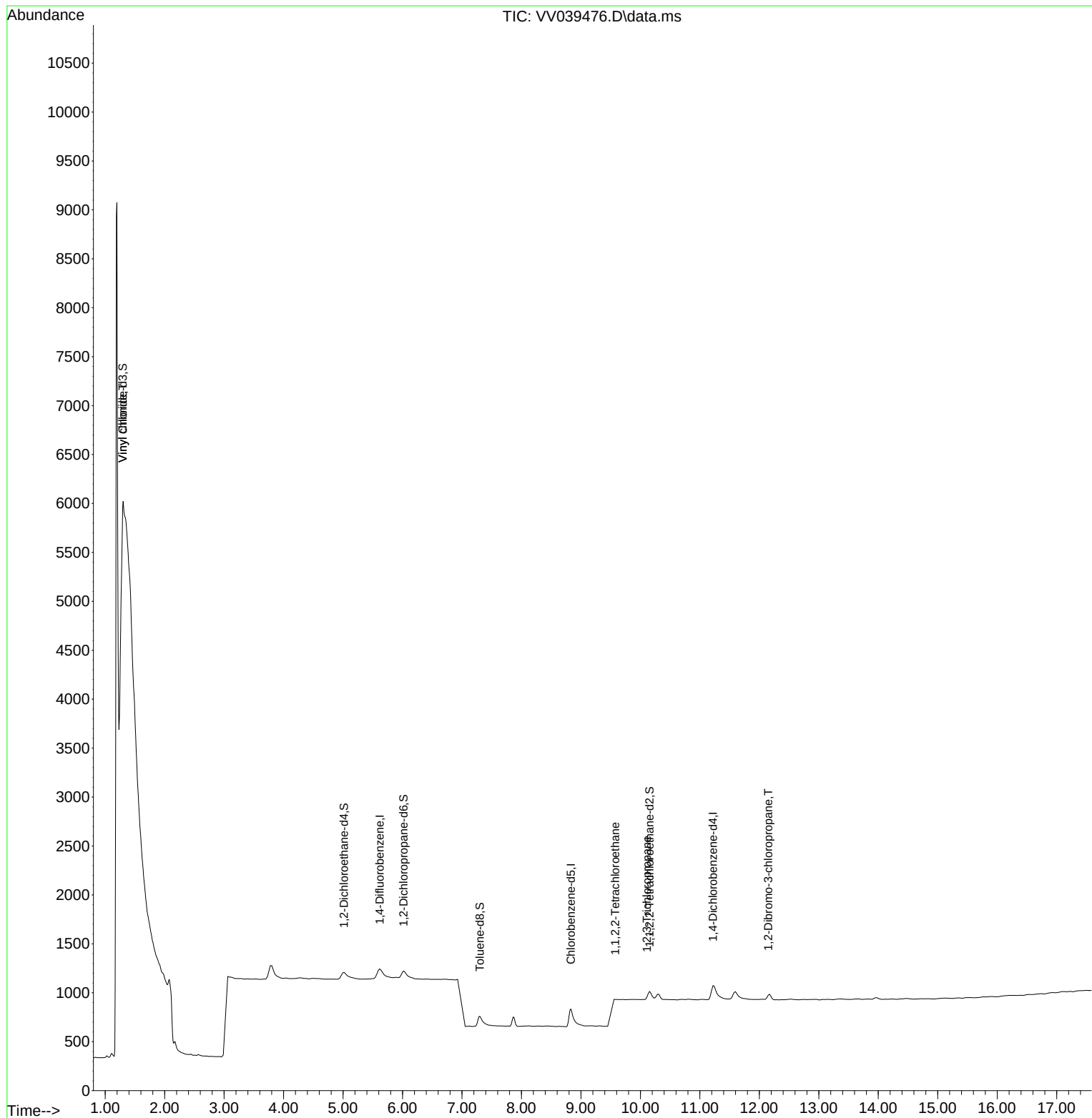
Internal Standards						
1) 1,4-Difluorobenzene	5.614	114	588	0.500	ug/L	0.05
5) Chlorobenzene-d5	8.831	117	562	0.500	ug/L	0.05
12) 1,4-Dichlorobenzene-d4	11.220	152	269	0.500	ug/L	0.04
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	694	1.174	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 234.000%#	
4) 1,2-Dichloroethane-d4	5.018	65	256	0.654	ug/L	0.05
Spiked Amount	0.500	Range	70 - 130	Recovery	= 130.000%	
7) 1,2-Dichloropropane-d6	6.020	67	195	0.411	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 82.000%	
8) Toluene-d8	7.300	98	352	0.440	ug/L	0.06
Spiked Amount	0.500	Range	70 - 130	Recovery	= 88.000%	
10) 1,1,2,2-Tetrachloroeth...	10.155	84	270	1.010	ug/L	0.02
Spiked Amount	0.500	Range	65 - 120	Recovery	= 202.000%#	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	46	0.036	ug/L #	1
11) 1,1,2,2-Tetrachloroethane	9.579	83	997	1.769	ug/L #	27
13) 1,2,3-Trichloropropane	10.111	75	9	0.032	ug/L #	41
14) 1,2-Dibromo-3-chloropr...	12.151	75	152	2.652	ug/L #	74

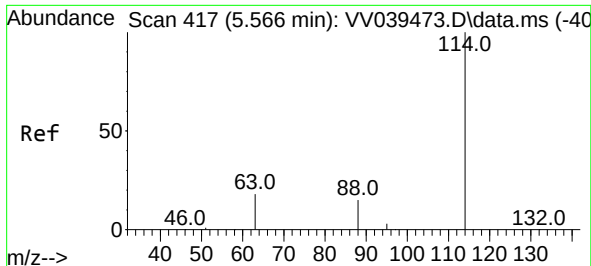
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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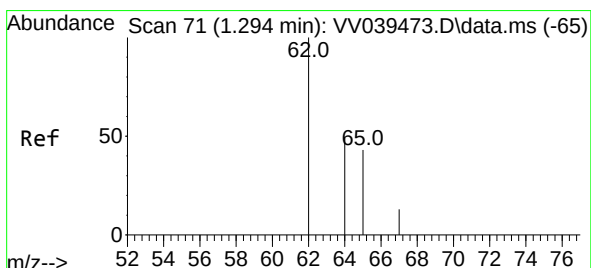
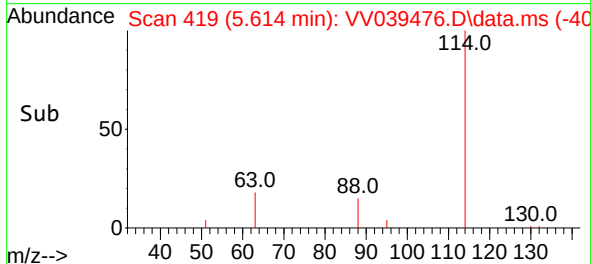
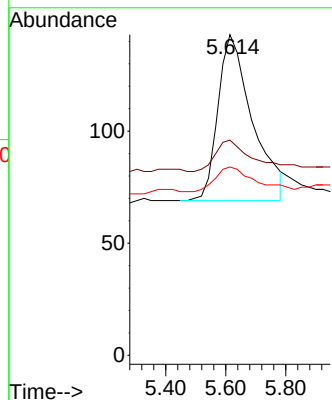
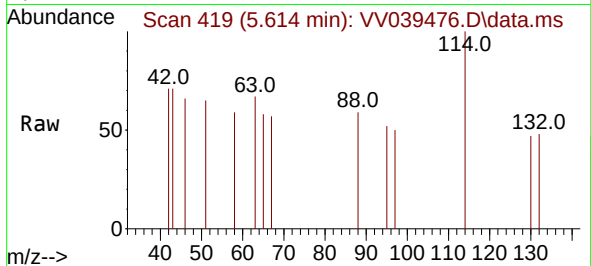




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.614 min Scan# 417
 Delta R.T. 0.048 min
 Lab File: VV039476.D
 Acq: 05 Dec 2025 13:37

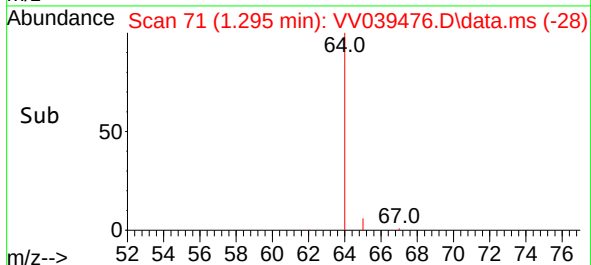
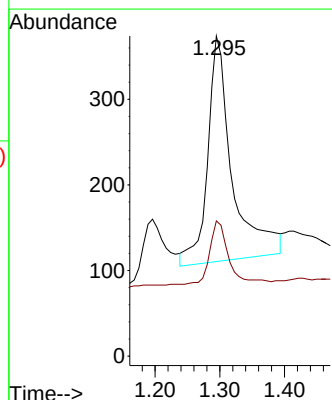
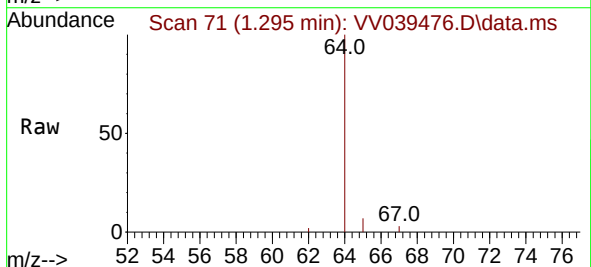
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-14B-46-120325-SIM

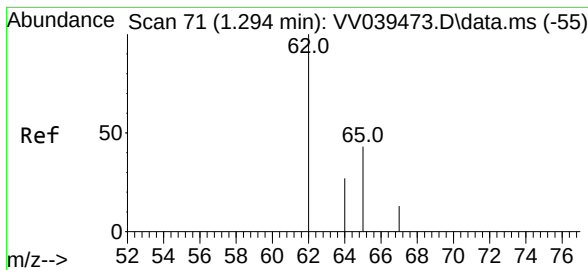
Tgt Ion:114 Resp: 588
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.0 22.4
 88 15.6 12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 1.174 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039476.D
 Acq: 05 Dec 2025 13:37

Tgt Ion: 65 Resp: 694
 Ion Ratio Lower Upper
 65 100
 67 23.2 22.3 41.5





#3

Vinyl chloride

Concen: 0.036 ug/L

RT: 1.295 min Scan# 71

Delta R.T. 0.001 min

Lab File: VV039476.D

Acq: 05 Dec 2025 13:37

Instrument :

MSVOA_V

ClientSampleId :

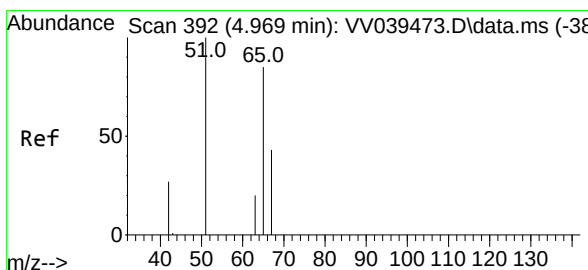
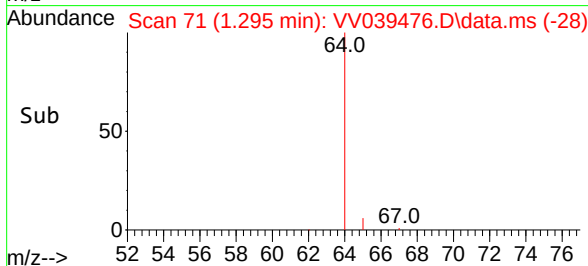
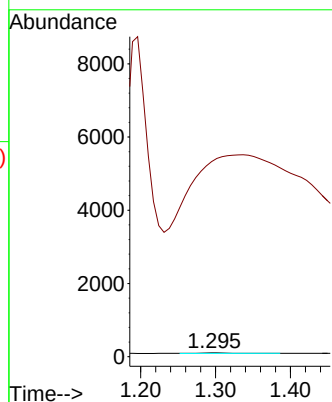
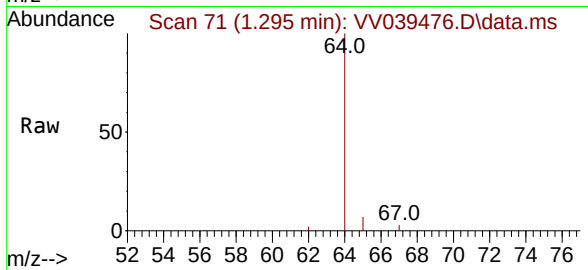
MW-14B-46-120325-SIM

Tgt Ion: 62 Resp: 46

Ion Ratio Lower Upper

62 100

64 5028.3 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.654 ug/L

RT: 5.018 min Scan# 394

Delta R.T. 0.049 min

Lab File: VV039476.D

Acq: 05 Dec 2025 13:37

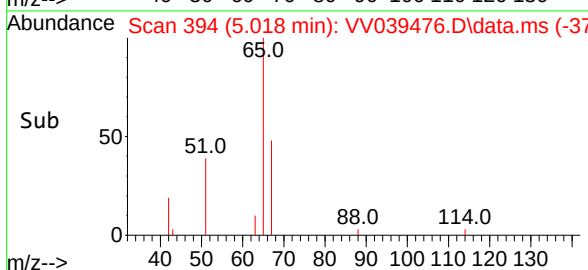
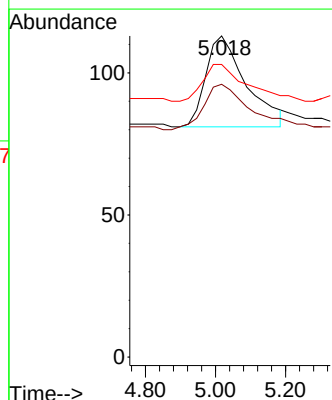
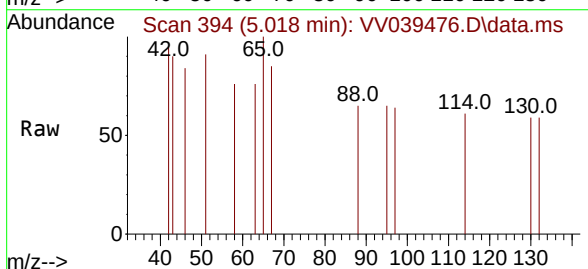
Tgt Ion: 65 Resp: 256

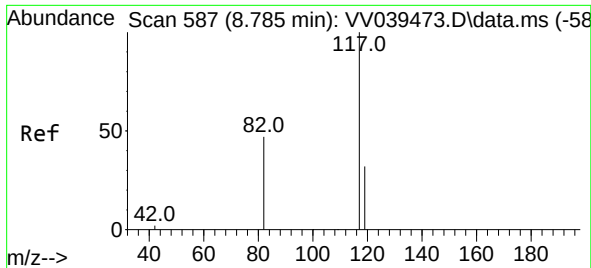
Ion Ratio Lower Upper

65 100

67 53.1 32.5 60.3

51 42.6 121.4 225.6#

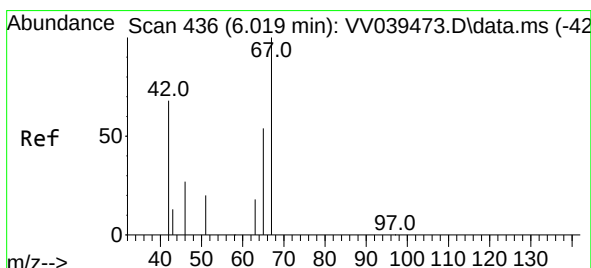
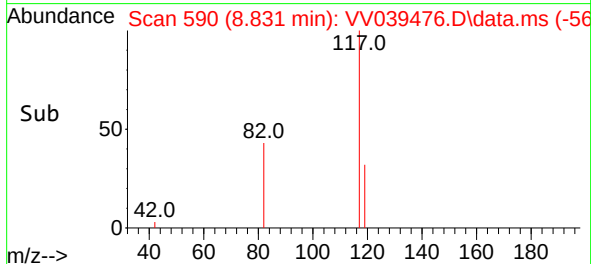
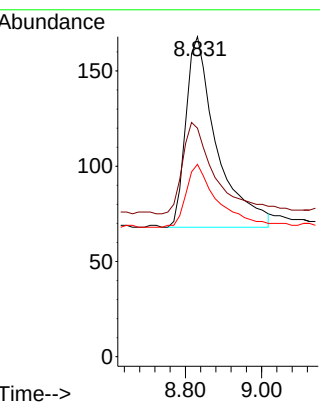
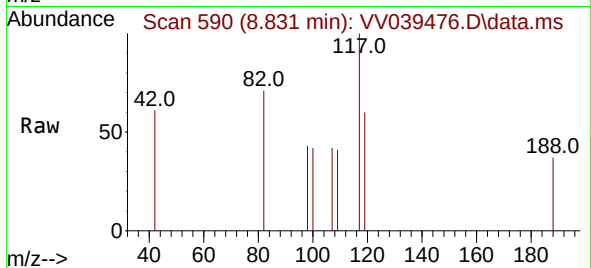




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.831 min Scan# 51
Delta R.T. 0.047 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

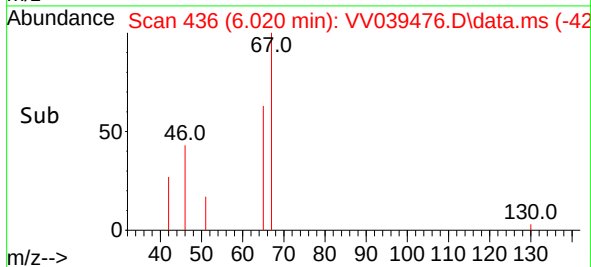
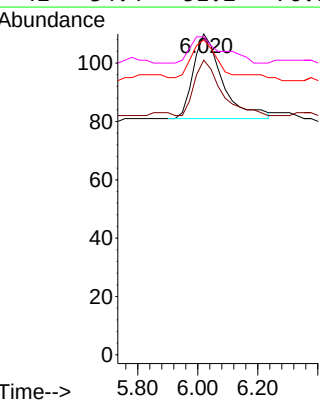
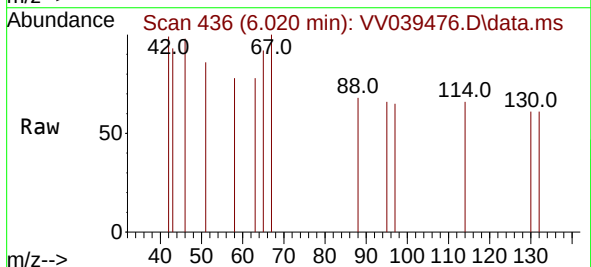
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM

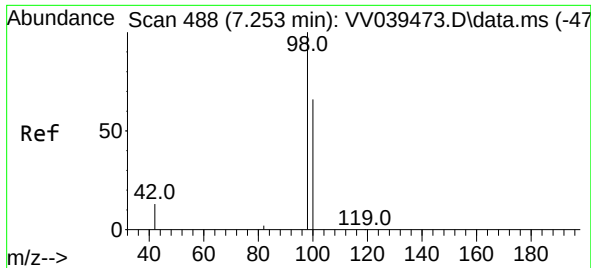
Tgt Ion:	117	Resp:	562
Ion	Ratio	Lower	Upper
117	100		
82	50.2	39.4	59.2
119	33.5	26.2	39.2



#7
1,2-Dichloropropane-d6
Concen: 0.411 ug/L
RT: 6.020 min Scan# 436
Delta R.T. 0.001 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

Tgt Ion:	67	Resp:	195
Ion	Ratio	Lower	Upper
67	100		
65	60.0	37.9	56.9#
46	37.4	27.4	41.0
42	34.4	51.2	76.8#





#8

Toluene-d8

Concen: 0.440 ug/L

RT: 7.300 min Scan# 491

Delta R.T. 0.062 min

Lab File: VV039476.D

Acq: 05 Dec 2025 13:37

Instrument :

MSVOA_V

ClientSampleId :

MW-14B-46-120325-SIM

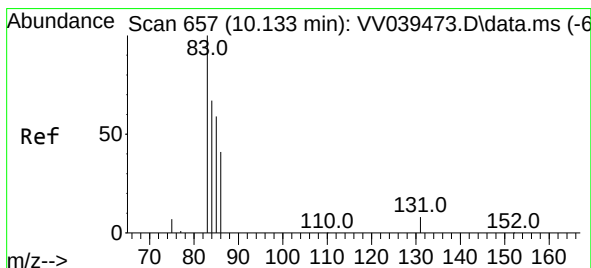
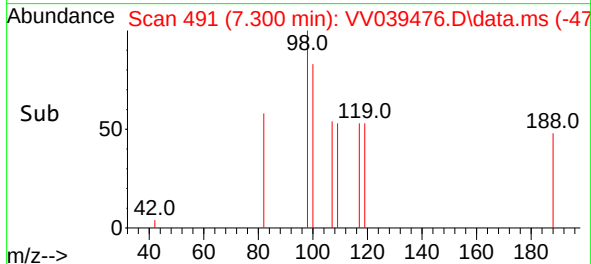
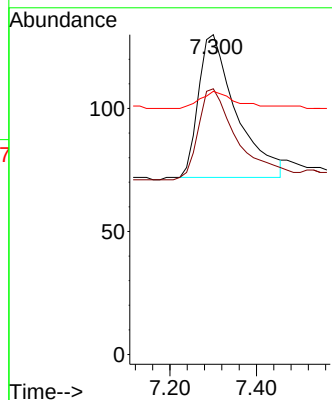
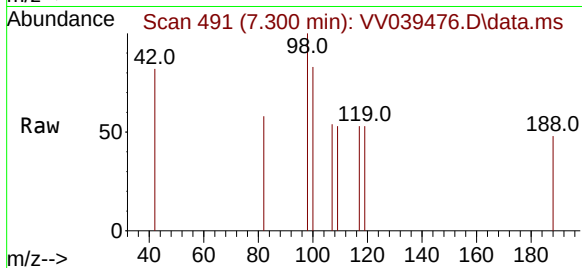
Tgt Ion: 98 Resp: 352

Ion Ratio Lower Upper

98 100

100 61.9 44.5 82.7

42 11.4 10.1 18.7



#10

1,1,2,2-Tetrachloroethane-d2

Concen: 1.010 ug/L

RT: 10.155 min Scan# 658

Delta R.T. 0.022 min

Lab File: VV039476.D

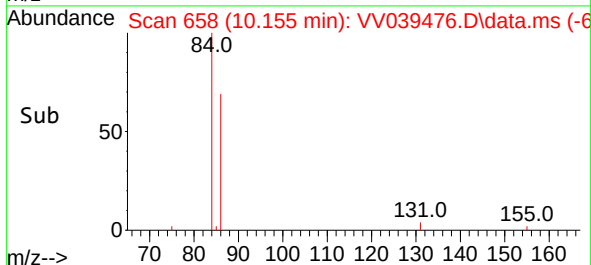
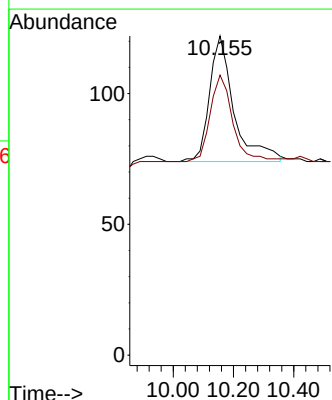
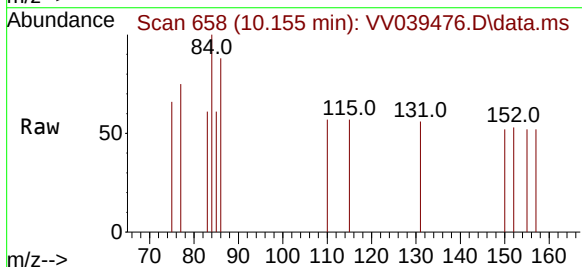
Acq: 05 Dec 2025 13:37

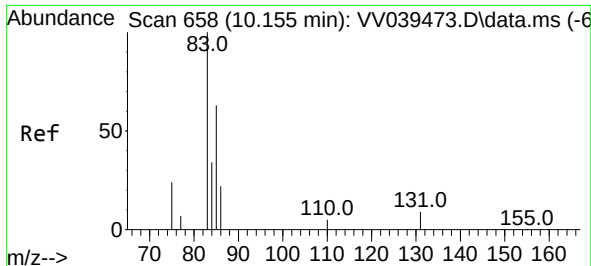
Tgt Ion: 84 Resp: 270

Ion Ratio Lower Upper

84 100

86 63.0 44.4 82.5

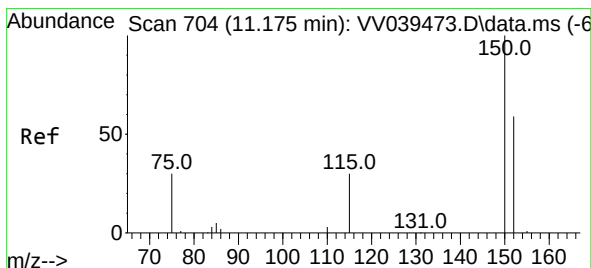
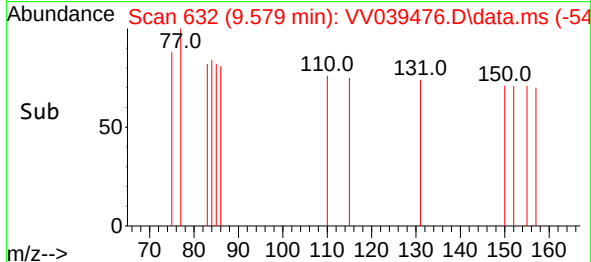
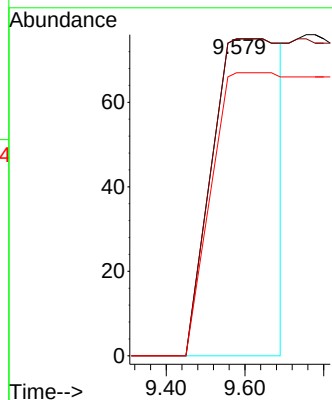
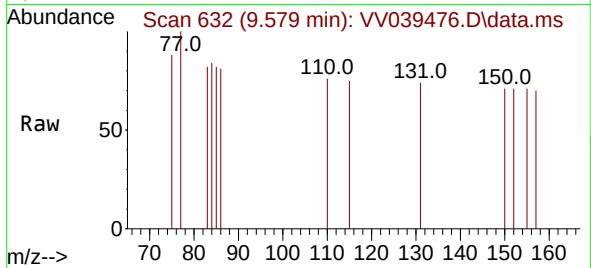




#11
1,1,2,2-Tetrachloroethane
Concen: 1.769 ug/L
RT: 9.579 min Scan# 61
Delta R.T. -0.576 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

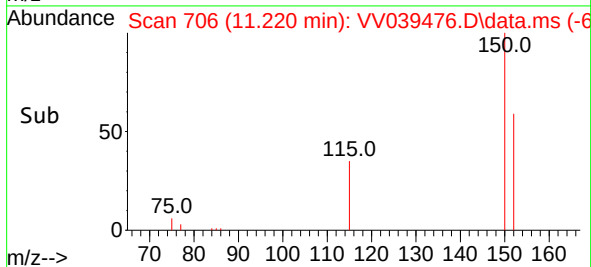
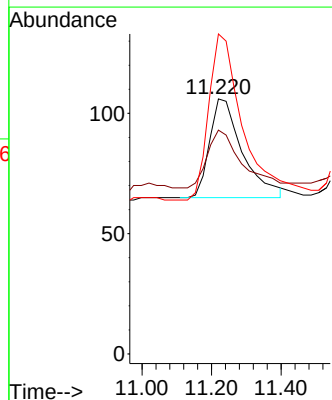
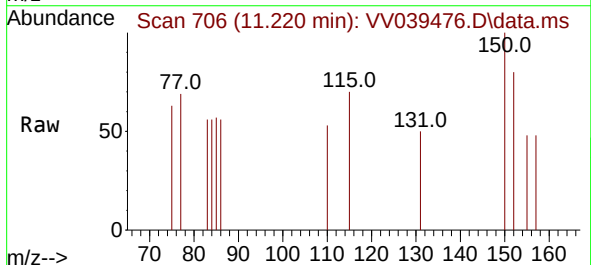
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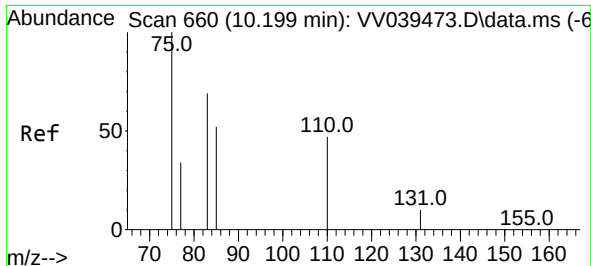
Tgt Ion: 83 Resp: 997
Ion Ratio Lower Upper
83 100
85 100.0 51.0 76.6#
131 98.7 8.6 12.8#



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.220 min Scan# 706
Delta R.T. 0.045 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

Tgt Ion:152 Resp: 269
Ion Ratio Lower Upper
152 100
115 61.0 0.0 101.6
150 171.7 0.0 396.2

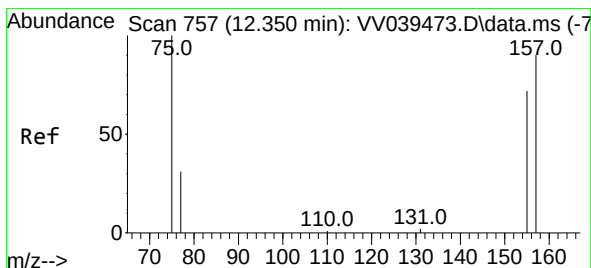
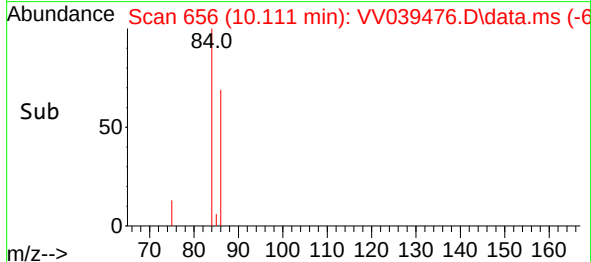
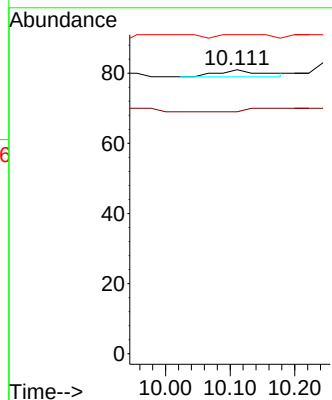
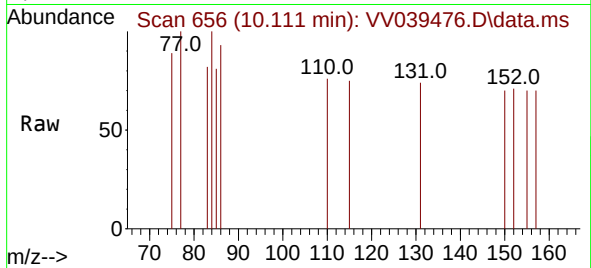




#13
1,2,3-Trichloropropane
Concen: 0.032 ug/L
RT: 10.111 min Scan# 61
Delta R.T. -0.088 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM

Tgt Ion: 75 Resp: 9
Ion Ratio Lower Upper
75 100
110 0.0 37.8 56.6#
77 55.6 25.6 38.4#



#14
1,2-Dibromo-3-chloropropane
Concen: 2.652 ug/L
RT: 12.151 min Scan# 748
Delta R.T. -0.199 min
Lab File: VV039476.D
Acq: 05 Dec 2025 13:37

Tgt Ion: 75 Resp: 152
Ion Ratio Lower Upper
75 100
157 55.8 67.8 101.6#
155 61.1 61.9 92.9#

