

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039463.D
 Acq On : 04 Dec 2025 12:21
 Operator : SY/MD
 Sample : Q3756-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-01-190-120225-SIM

Quant Time: Dec 05 00:09:21 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)

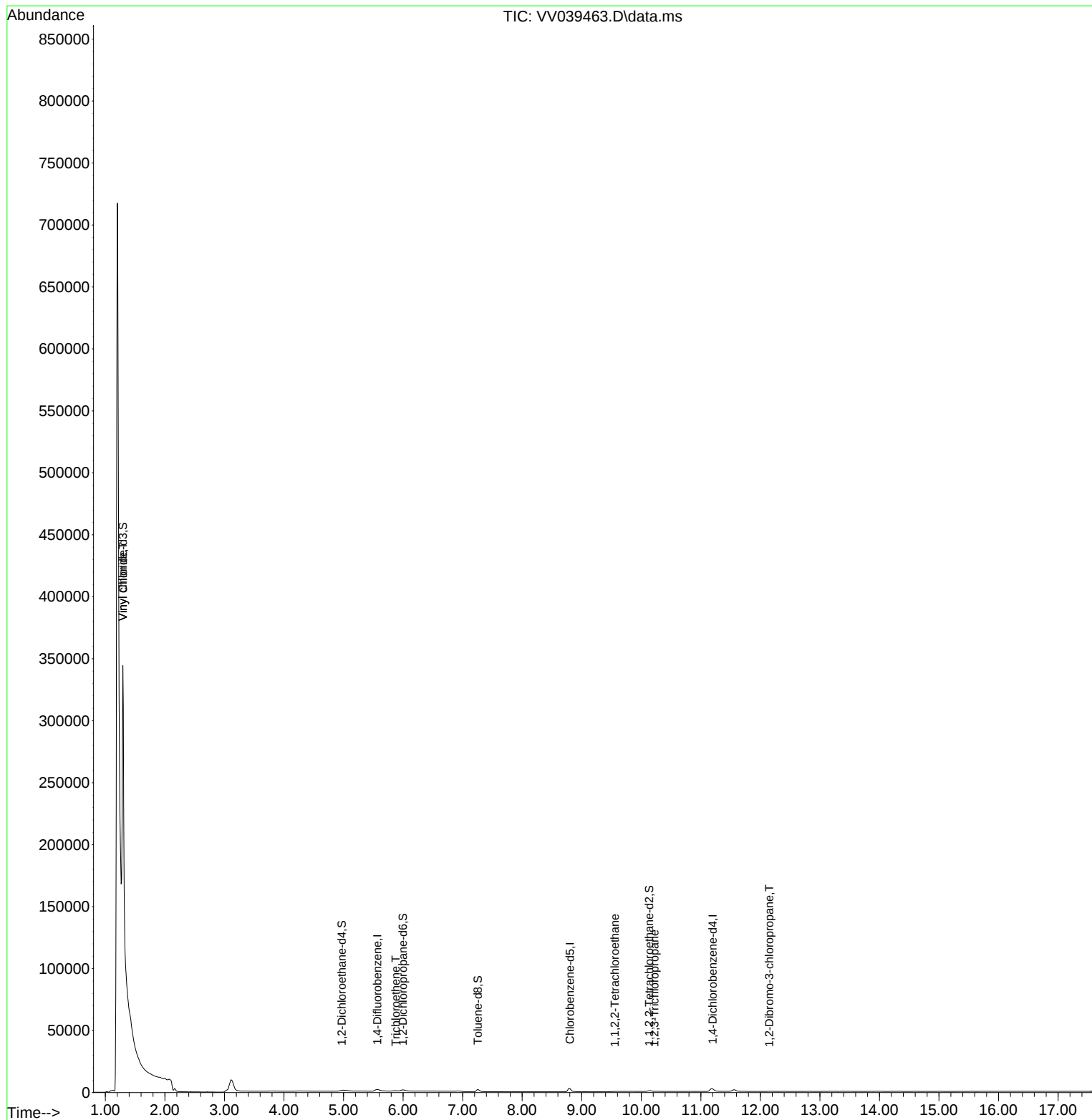
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6231	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6232	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3304	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	14967	2.389	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 478.000%#	
4) 1,2-Dichloroethane-d4	4.970	65	2222	0.536	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 108.000%	
7) 1,2-Dichloropropane-d6	5.996	67	2189	0.416	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 84.000%	
8) Toluene-d8	7.254	98	4187	0.472	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 94.000%	
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1653	0.558	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 112.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	286464	21.247	ug/L #	1
6) Trichloroethene	5.876	95	513	0.066	ug/L	93
11) 1,1,2,2-Tetrachloroethane	9.556	83	712	0.114	ug/L #	1
13) 1,2,3-Trichloropropane	10.221	75	162	0.047	ug/L #	47
14) 1,2-Dibromo-3-chloropr...	12.151	75	120	0.170	ug/L #	80

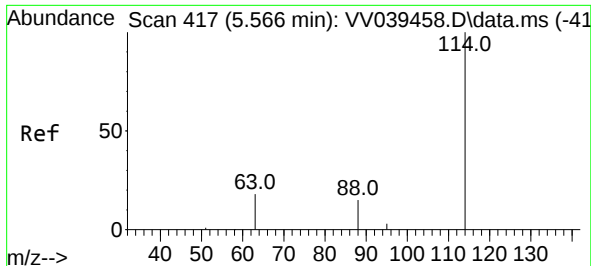
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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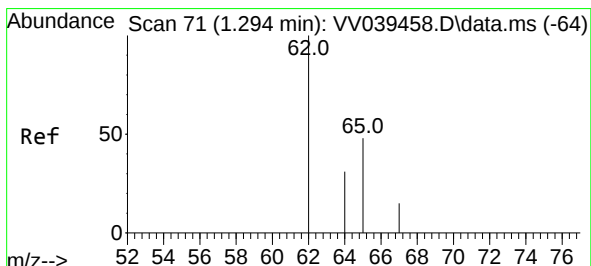
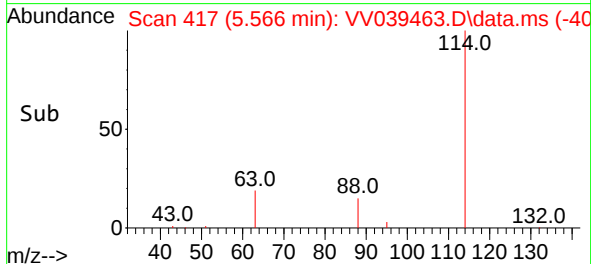
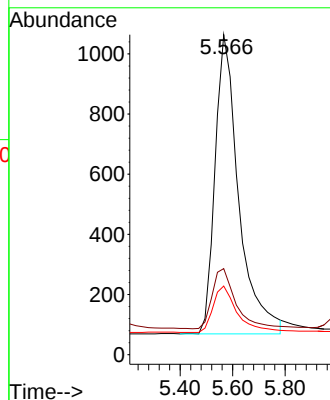
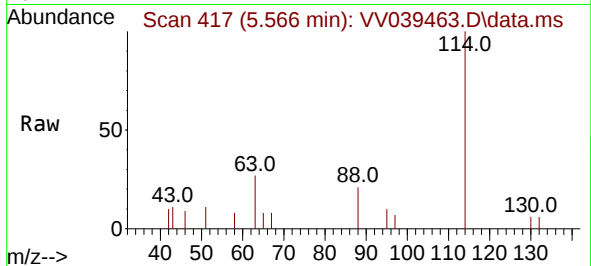




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

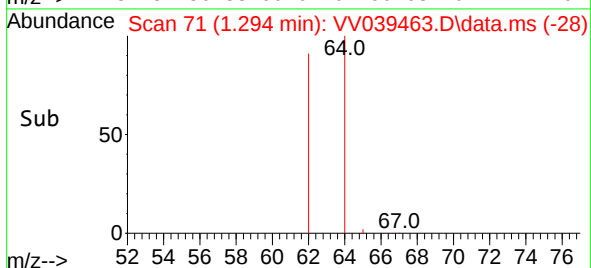
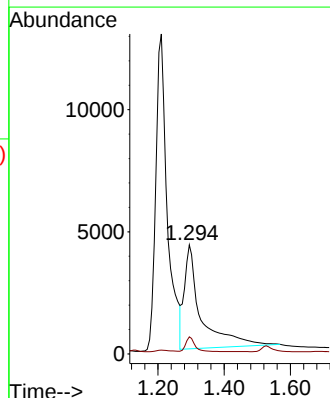
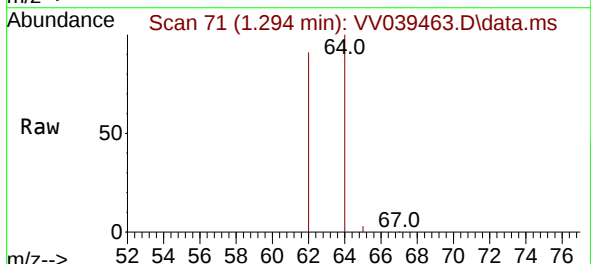
Instrument :
MSVOA_V
ClientSampleId :
BR-01-190-120225-SIM

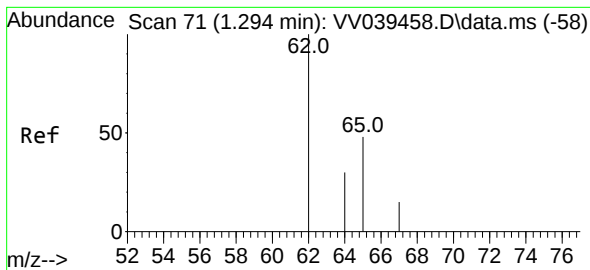
Tgt Ion:	114	Resp:	6231
Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.0	22.4
88	15.7	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 2.389 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

Tgt Ion:	65	Resp:	14967
Ion	Ratio	Lower	Upper
65	100		
67	7.5	22.3	41.5#





#3

Vinyl chloride

Concen: 21.247 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039463.D

Acq: 04 Dec 2025 12:21

Instrument :

MSVOA_V

ClientSampleId :

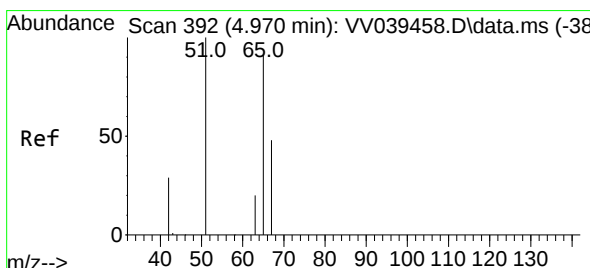
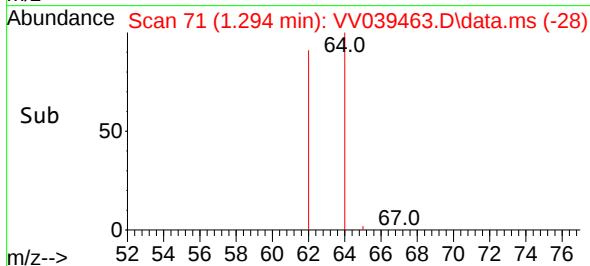
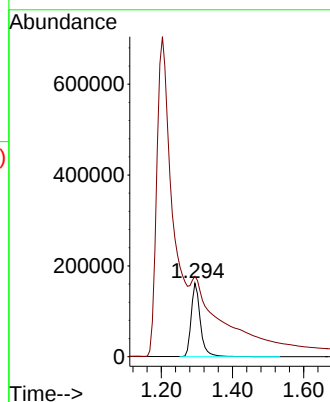
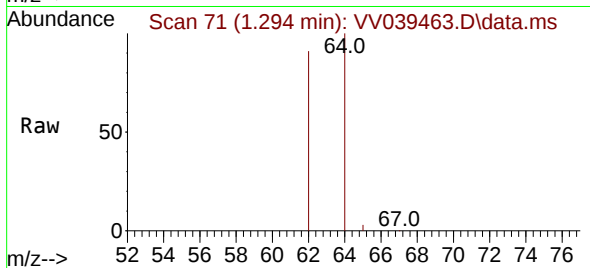
BR-01-190-120225-SIM

Tgt Ion: 62 Resp: 286464

Ion Ratio Lower Upper

62 100

64 109.6 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.536 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV039463.D

Acq: 04 Dec 2025 12:21

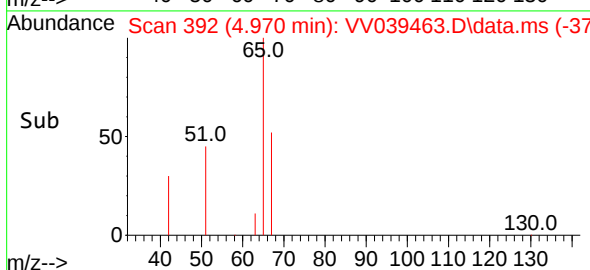
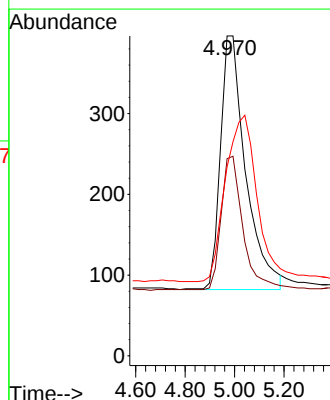
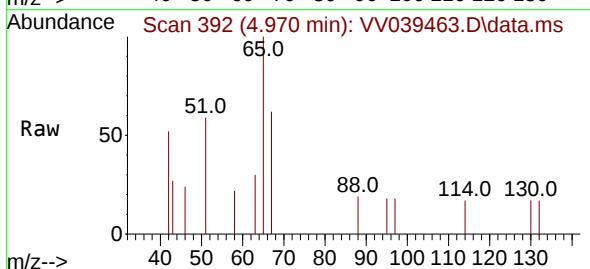
Tgt Ion: 65 Resp: 2222

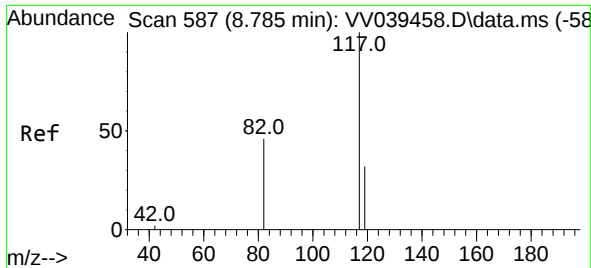
Ion Ratio Lower Upper

65 100

67 45.1 32.5 60.3

51 81.4 121.4 225.6#

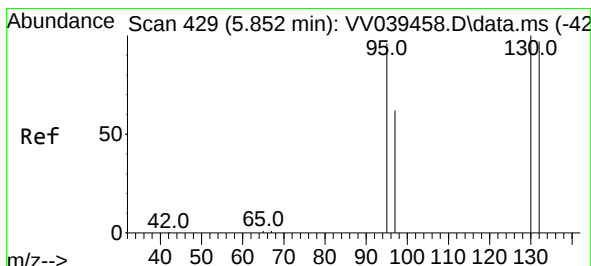
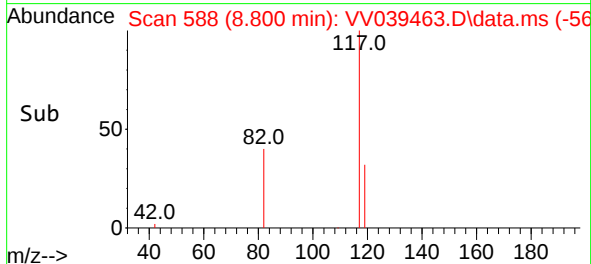
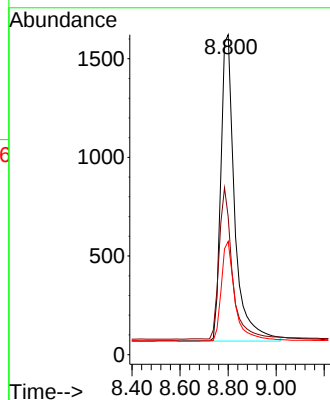
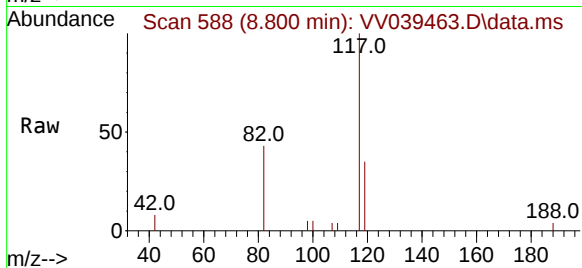




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

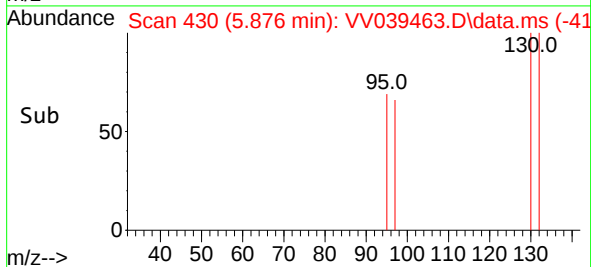
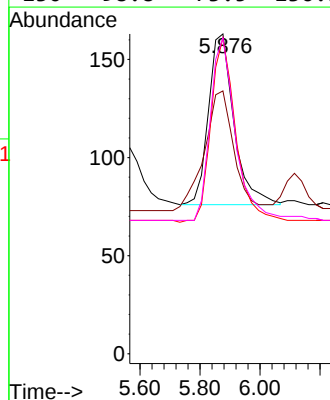
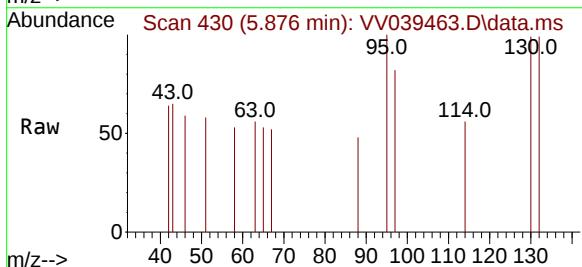
Instrument :
MSVOA_V
ClientSampleId :
BR-01-190-120225-SIM

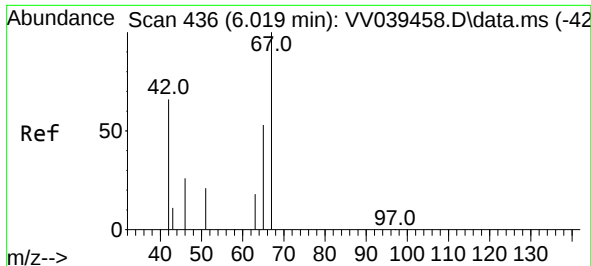
Tgt Ion:	117	Resp:	6232
Ion	Ratio	Lower	Upper
117	100		
82	47.6	39.4	59.2
119	32.3	26.2	39.2



#6
Trichloroethene
Concen: 0.066 ug/L
RT: 5.876 min Scan# 430
Delta R.T. 0.024 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

Tgt Ion:	95	Resp:	513
Ion	Ratio	Lower	Upper
95	100		
97	82.2	47.7	88.7
132	98.8	70.8	131.4
130	98.8	73.5	136.5

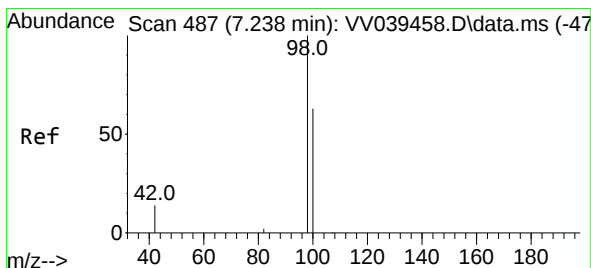
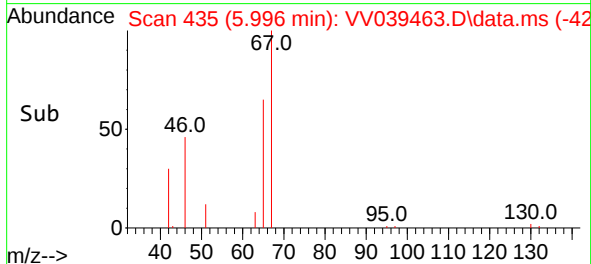
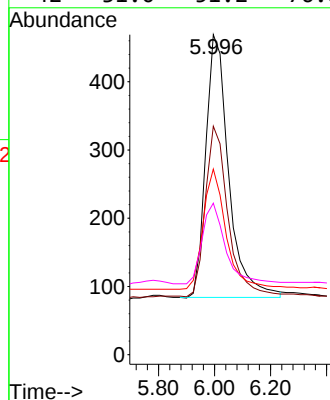
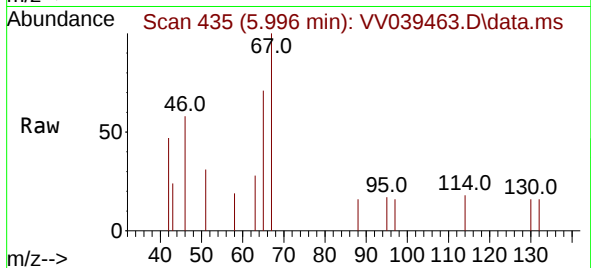




#7
1,2-Dichloropropane-d6
Concen: 0.416 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

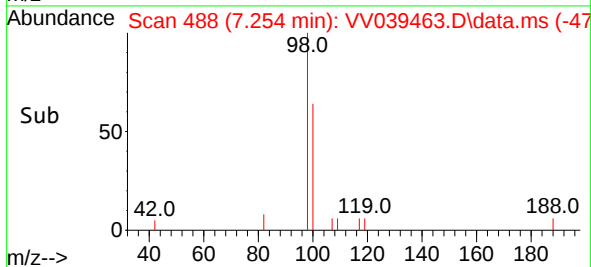
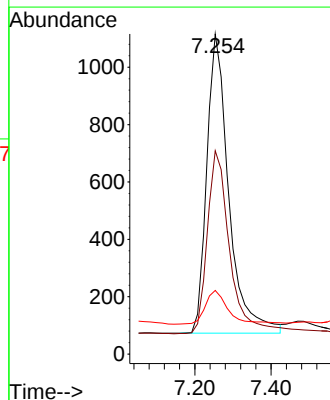
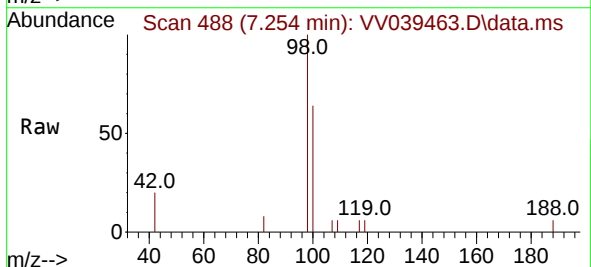
Instrument :
MSVOA_V
ClientSampleId :
BR-01-190-120225-SIM

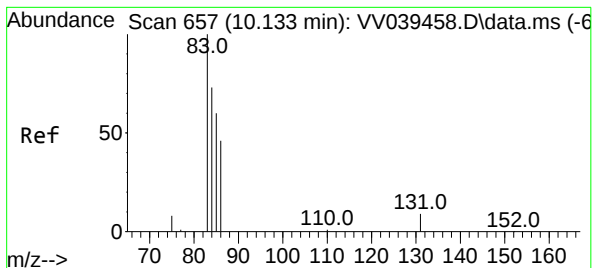
Tgt Ion:	67	Resp:	2189
Ion	Ratio	Lower	Upper
67	100		
65	63.5	37.9	56.9#
46	45.5	27.4	41.0#
42	31.0	51.2	76.8#



#8
Toluene-d8
Concen: 0.472 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

Tgt Ion:	98	Resp:	4187
Ion	Ratio	Lower	Upper
98	100		
100	62.7	44.5	82.7
42	12.0	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.558 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039463.D

Acq: 04 Dec 2025 12:21

Instrument :

MSVOA_V

ClientSampleId :

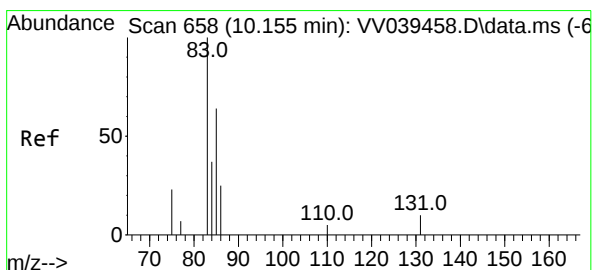
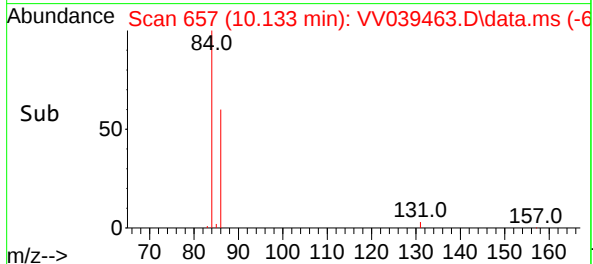
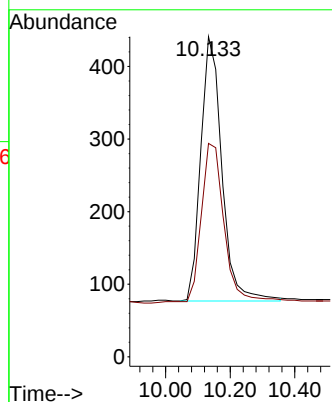
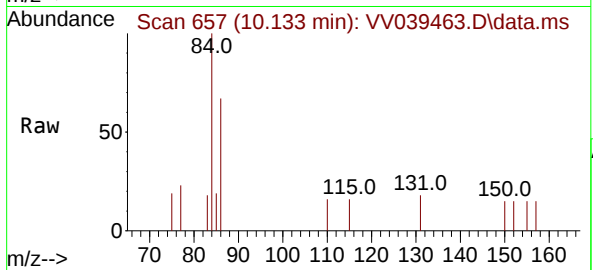
BR-01-190-120225-SIM

Tgt Ion: 84 Resp: 1653

Ion Ratio Lower Upper

84 100

86 66.4 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.114 ug/L

RT: 9.556 min Scan# 631

Delta R.T. -0.599 min

Lab File: VV039463.D

Acq: 04 Dec 2025 12:21

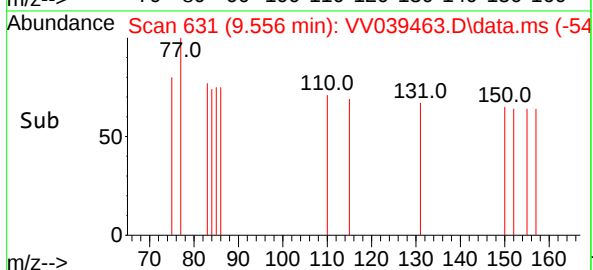
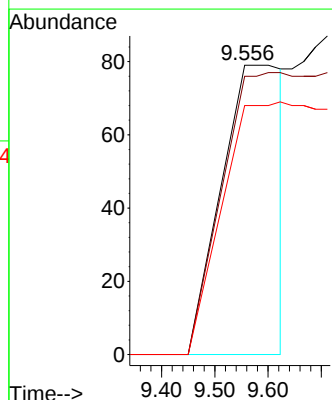
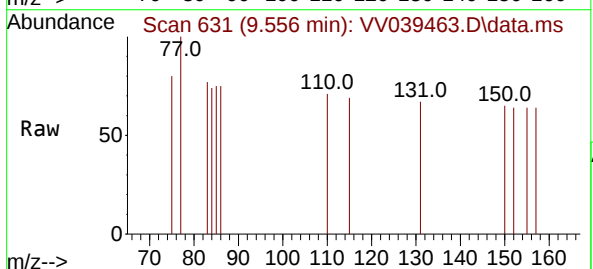
Tgt Ion: 83 Resp: 712

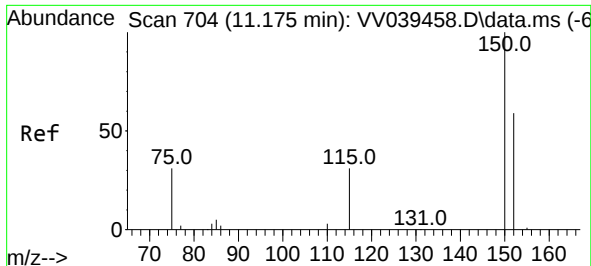
Ion Ratio Lower Upper

83 100

85 128.2 51.0 76.6#

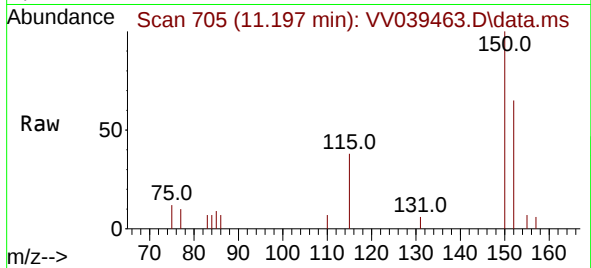
131 140.9 8.6 12.8#



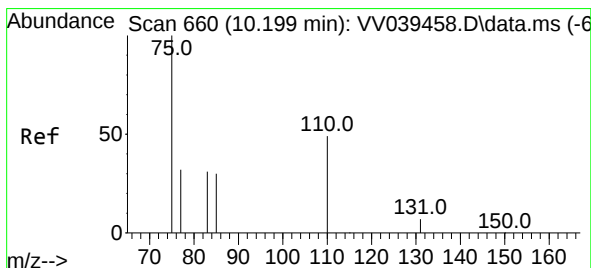
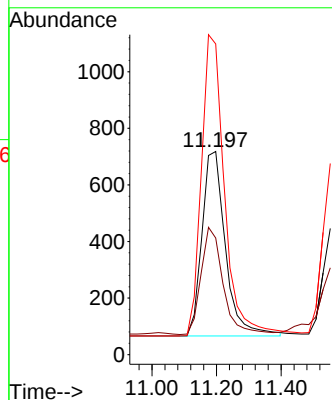
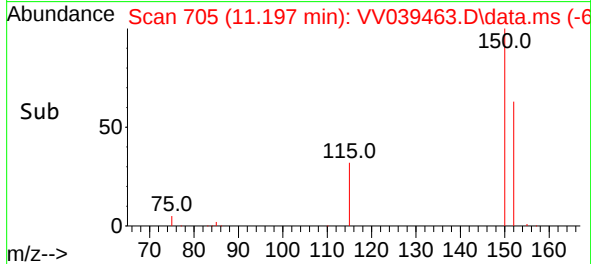


#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 704
Delta R.T. 0.022 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

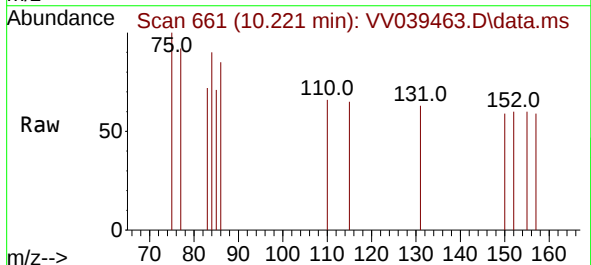
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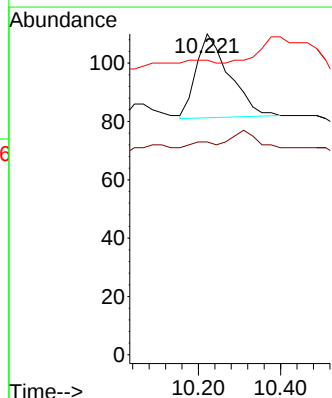
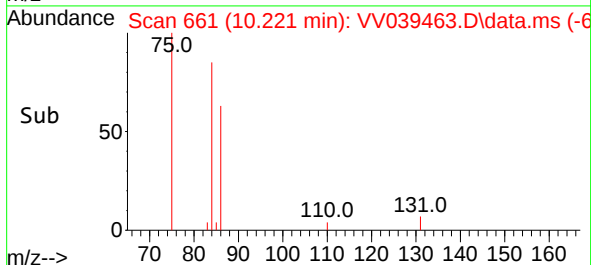
Tgt Ion:152 Resp: 3304
Ion Ratio Lower Upper
152 100
115 54.5 0.0 101.6
150 160.0 0.0 396.2

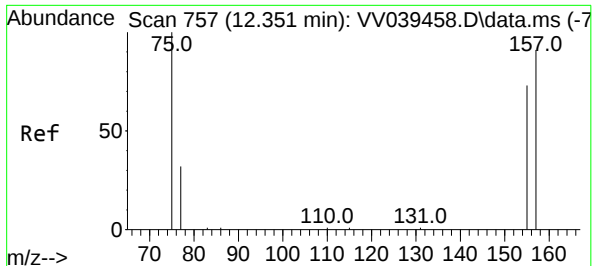


#13
1,2,3-Trichloropropane
Concen: 0.047 ug/L
RT: 10.221 min Scan# 661
Delta R.T. 0.022 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21



Tgt Ion: 75 Resp: 162
Ion Ratio Lower Upper
75 100
110 0.0 37.8 56.6#
77 16.7 25.6 38.4#





#14

1,2-Dibromo-3-chloropropane

Concen: 0.170 ug/L

RT: 12.151 min Scan# 74

Delta R.T. -0.200 min

Lab File: VV039463.D

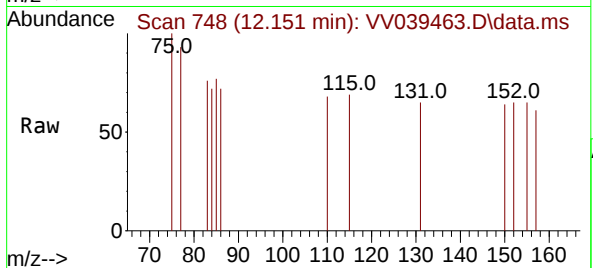
Acq: 04 Dec 2025 12:21

Instrument :

MSVOA_V

ClientSampleId :

BR-01-190-120225-SIM



Tgt Ion: 75 Resp: 120

Ion Ratio Lower Upper

75 100

157 60.7 67.8 101.6#

155 65.4 61.9 92.9

