

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039449.D
 Acq On : 03 Dec 2025 11:52
 Operator : SY/MD
 Sample : VSTD00173
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001273

Quant Time: Dec 04 00:44:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:43:25 2025
 Response via : Initial Calibration

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

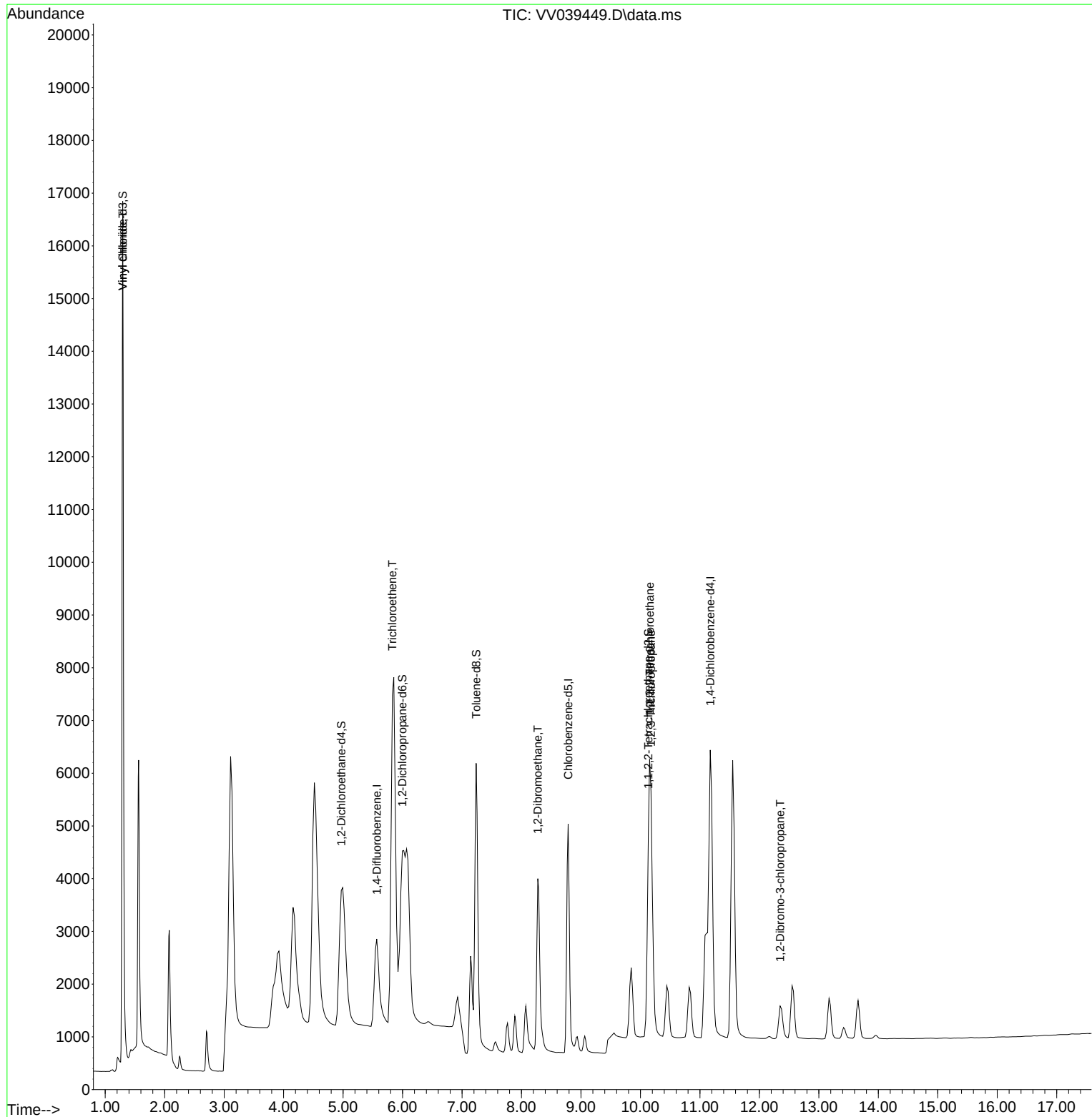
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7477	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7812	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4678	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	7342	0.976	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.970	65	4762	0.956	ug/L	0.00
7) 1,2-Dichloropropane-d6	5.996	67	6633	1.006	ug/L	-0.02
8) Toluene-d8	7.238	98	11524	1.032	ug/L	0.00
10) 1,1,2,2-Tetrachloroeth...	10.133	84	3803	1.024	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.295	62	14821	0.916	ug/L	98
6) Trichloroethene	5.829	95	9481	1.001	ug/L	91
9) 1,2-Dibromoethane	8.274	107	5986	0.936	ug/L #	96
11) 1,1,2,2-Tetrachloroethane	10.155	83	7698	0.982	ug/L	98
13) 1,2,3-Trichloropropane	10.177	75	4739	0.990	ug/L	94
14) 1,2-Dibromo-3-chloropr...	12.351	75	872	0.875	ug/L	87

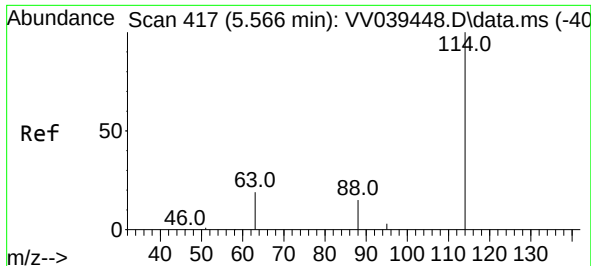
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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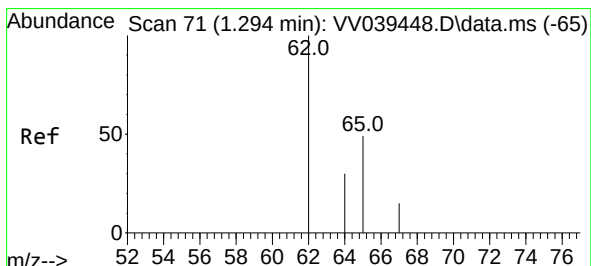
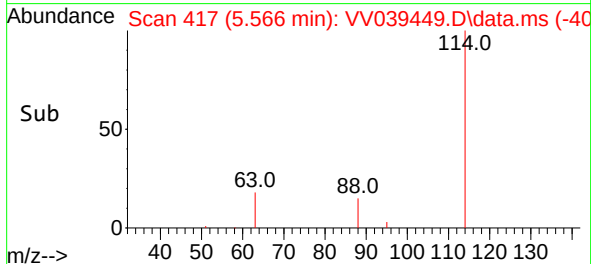
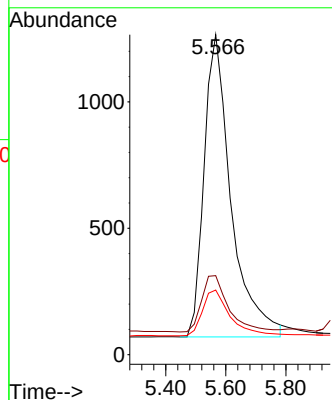
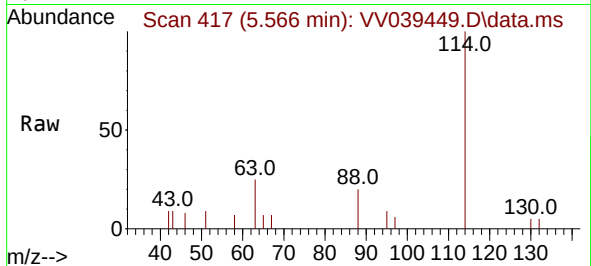




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039449.D
 Acq: 03 Dec 2025 11:52

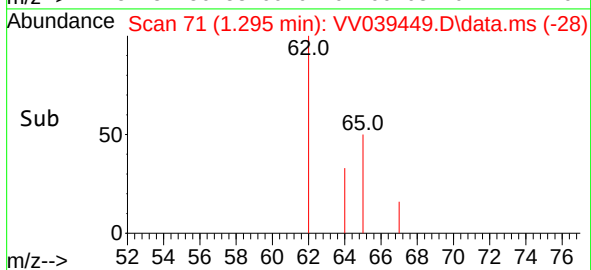
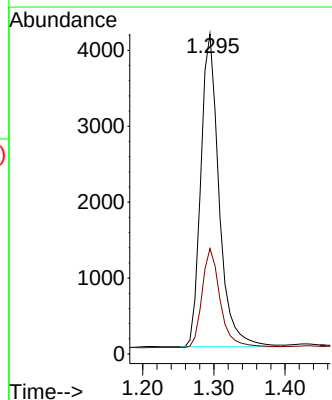
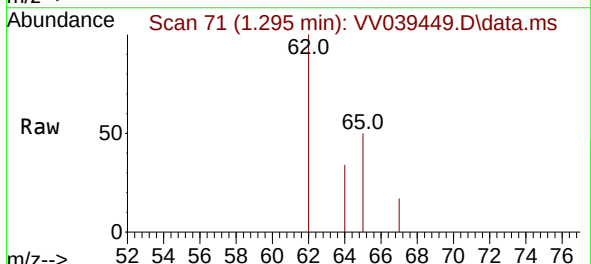
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001273

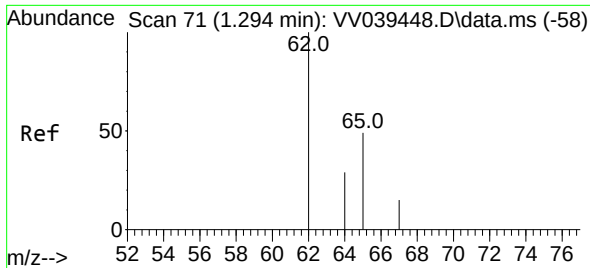
Tgt Ion:	114	Resp:	7477
Ion	Ratio	Lower	Upper
114	100		
63	18.5	15.0	22.4
88	15.3	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.976 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039449.D
 Acq: 03 Dec 2025 11:52

Tgt Ion:	65	Resp:	7342
Ion	Ratio	Lower	Upper
65	100		
67	32.1	22.3	41.5

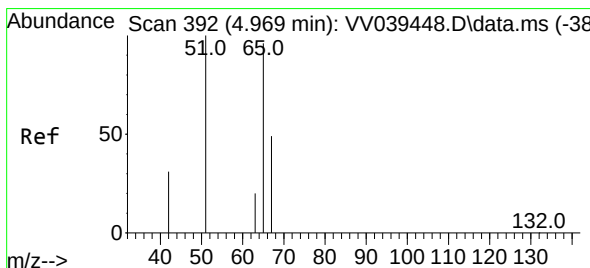
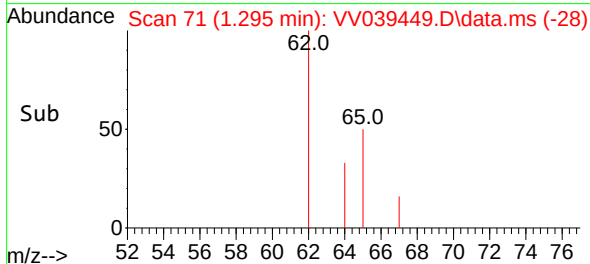
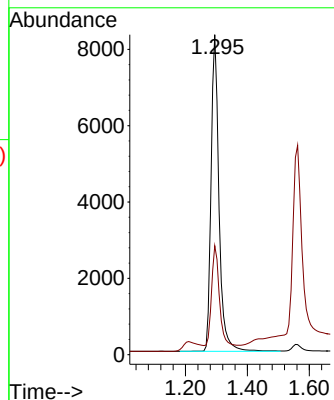
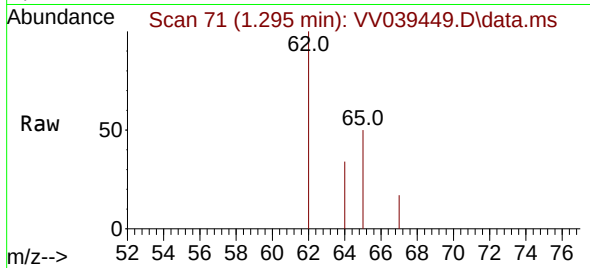




#3
 Vinyl chloride
 Concen: 0.916 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039449.D
 Acq: 03 Dec 2025 11:52

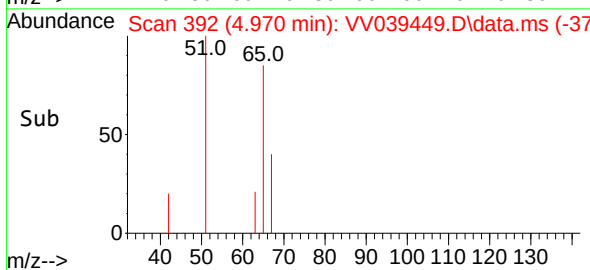
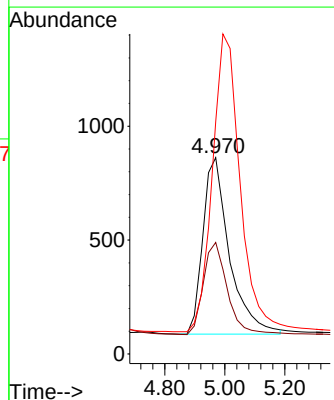
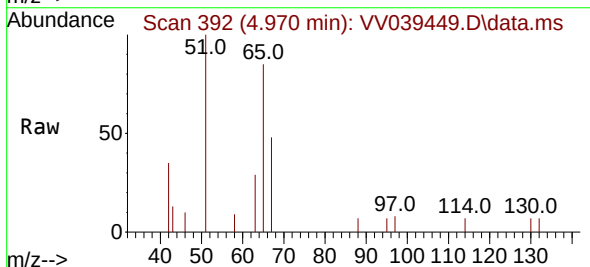
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001273

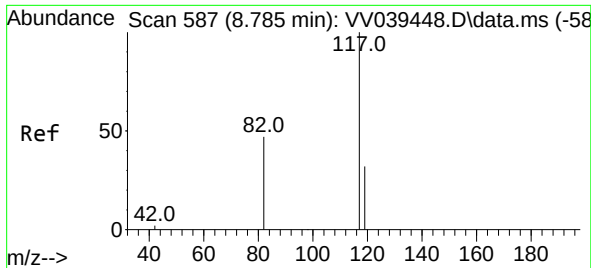
Tgt Ion: 62 Resp: 14821
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.8 46.0



#4
 1,2-Dichloroethane-d4
 Concen: 0.956 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039449.D
 Acq: 03 Dec 2025 11:52

Tgt Ion: 65 Resp: 4762
 Ion Ratio Lower Upper
 65 100
 67 46.8 32.5 60.3
 51 175.3 121.4 225.6

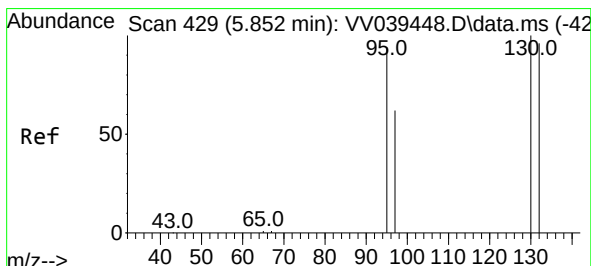
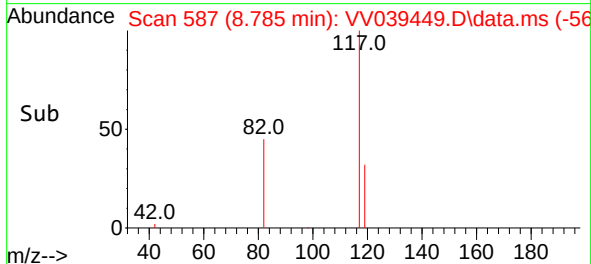
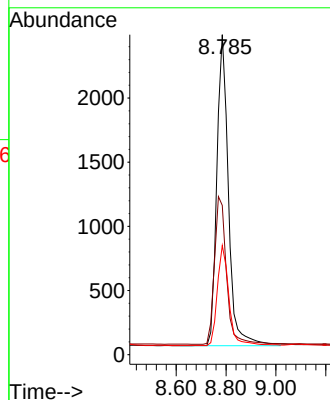
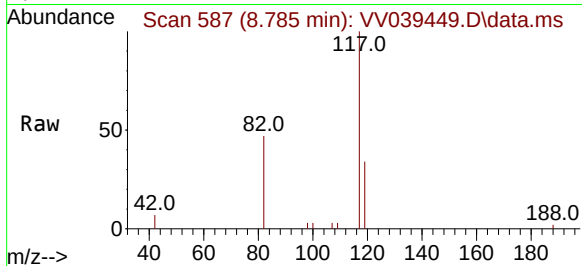




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039449.D
Acq: 03 Dec 2025 11:52

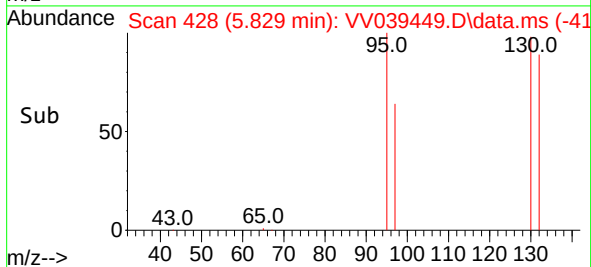
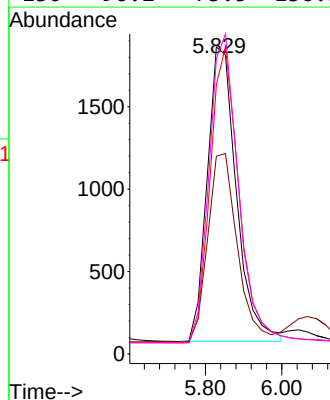
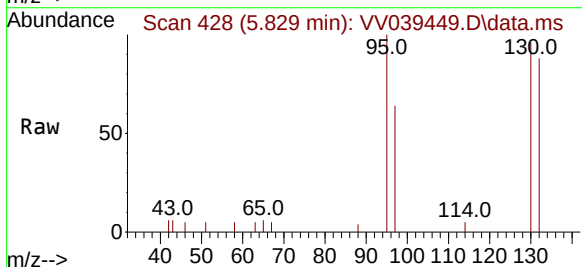
Instrument :
MSVOA_V
ClientSampleId :
VSTD001273

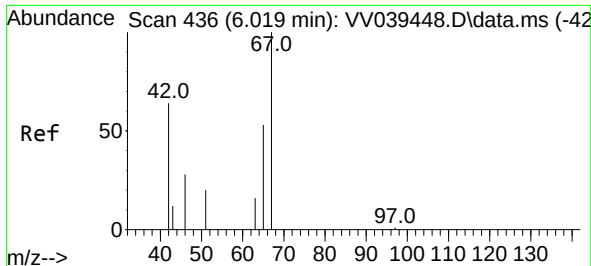
Tgt Ion:	117	Resp:	7812
Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.4	59.2
119	32.1	26.2	39.2



#6
Trichloroethene
Concen: 1.001 ug/L
RT: 5.829 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039449.D
Acq: 03 Dec 2025 11:52

Tgt Ion:	95	Resp:	9481
Ion	Ratio	Lower	Upper
95	100		
97	64.4	47.7	88.7
132	87.7	70.8	131.4
130	96.2	73.5	136.5



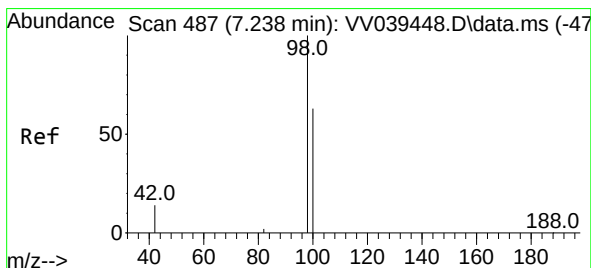
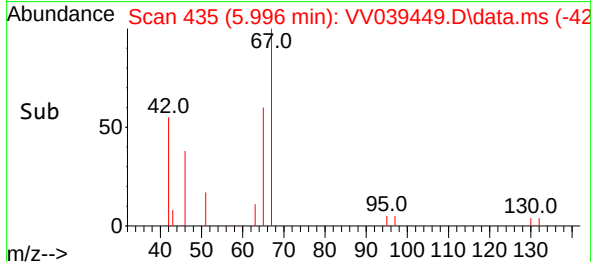
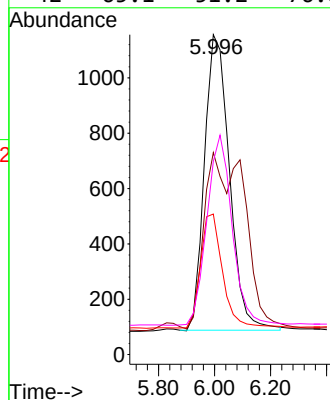
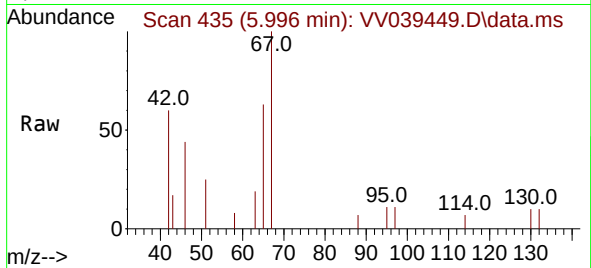


#7
1,2-Dichloropropane-d6
Concen: 1.006 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039449.D
Acq: 03 Dec 2025 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD001273

Tgt Ion: 67 Resp: 6633

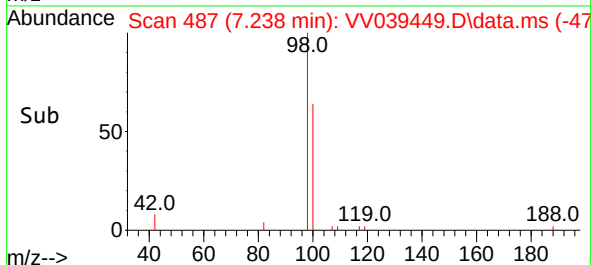
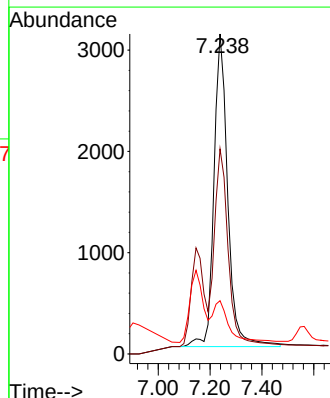
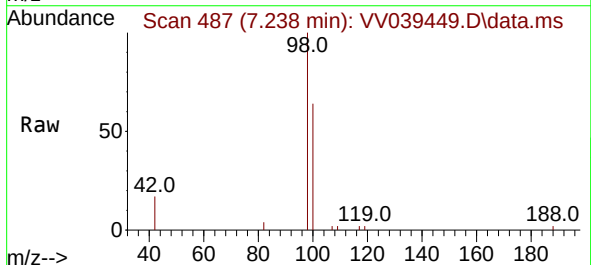
Ion	Ratio	Lower	Upper
67	100		
65	52.9	37.9	56.9
46	34.3	27.4	41.0
42	65.1	51.2	76.8

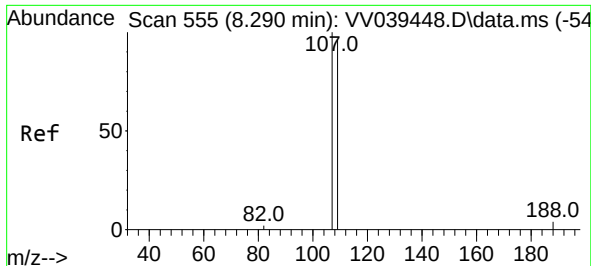


#8
Toluene-d8
Concen: 1.032 ug/L
RT: 7.238 min Scan# 487
Delta R.T. 0.000 min
Lab File: VV039449.D
Acq: 03 Dec 2025 11:52

Tgt Ion: 98 Resp: 11524

Ion	Ratio	Lower	Upper
98	100		
100	61.2	44.5	82.7
42	14.9	10.1	18.7

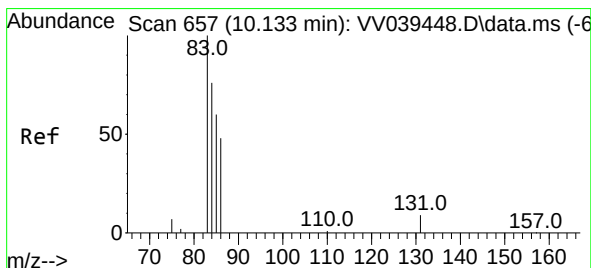
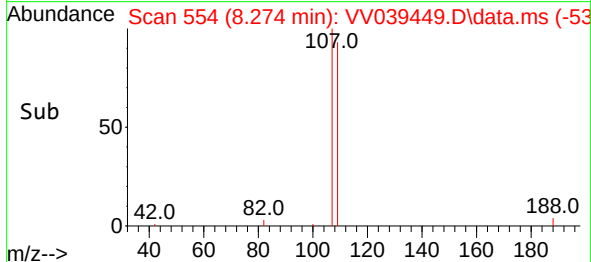
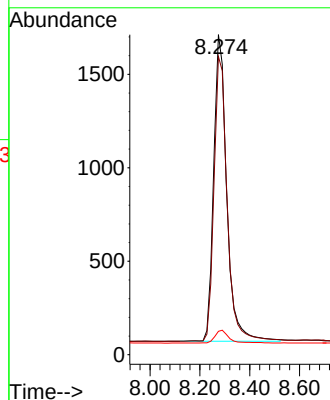
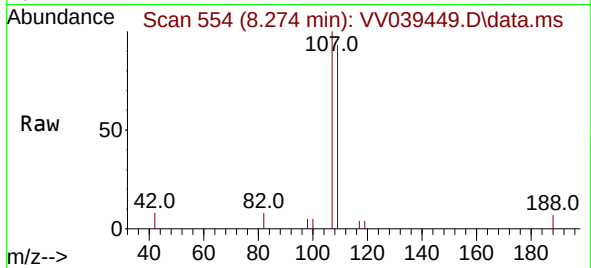




#9
1,2-Dibromoethane
Concen: 0.936 ug/L
RT: 8.274 min Scan# 511
Delta R.T. -0.015 min
Lab File: VV039449.D
Acq: 03 Dec 2025 11:52

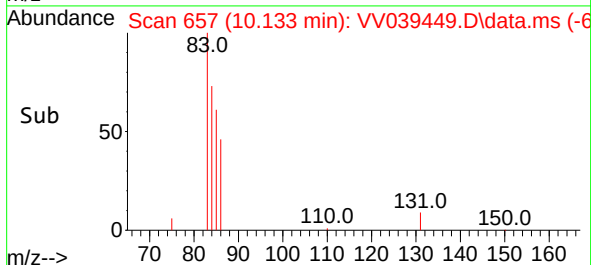
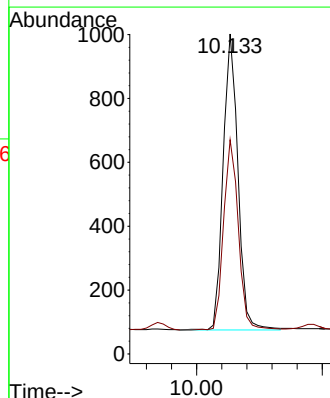
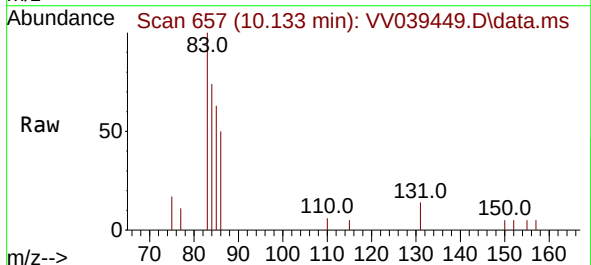
Instrument :
MSVOA_V
ClientSampleId :
VSTD001273

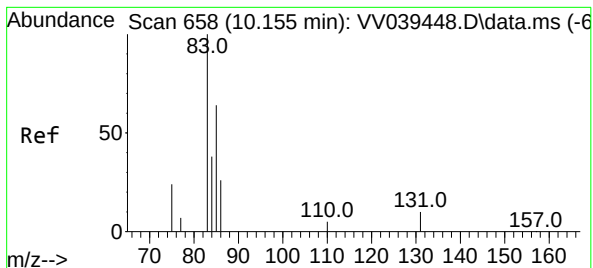
Tgt Ion:107 Resp: 5986
Ion Ratio Lower Upper
107 100
109 93.2 67.4 125.2
188 7.3 9.4 14.0#



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 1.024 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039449.D
Acq: 03 Dec 2025 11:52

Tgt Ion: 84 Resp: 3803
Ion Ratio Lower Upper
84 100
86 64.1 44.4 82.5





#11

1,1,2,2-Tetrachloroethane

Concen: 0.982 ug/L

RT: 10.155 min Scan# 658

Delta R.T. 0.000 min

Lab File: VV039449.D

Acq: 03 Dec 2025 11:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD001273

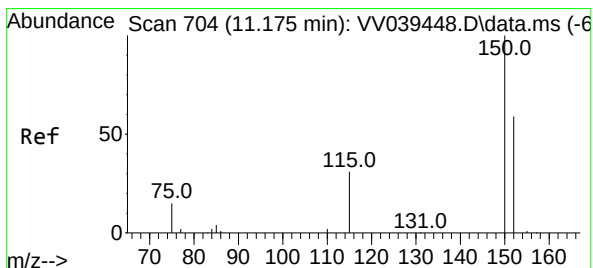
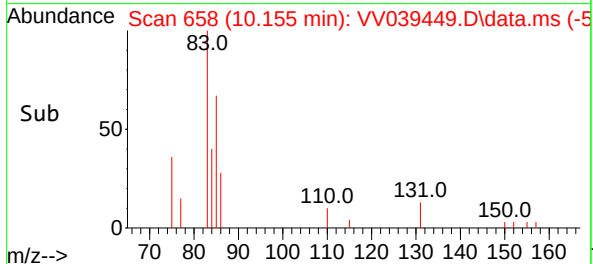
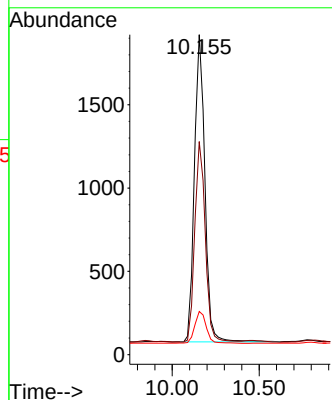
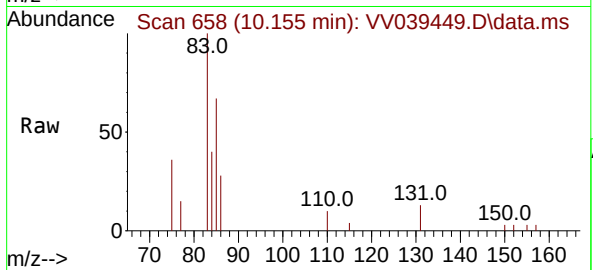
Tgt Ion: 83 Resp: 7698

Ion Ratio Lower Upper

83 100

85 65.2 51.0 76.6

131 11.4 8.6 12.8



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.175 min Scan# 704

Delta R.T. 0.000 min

Lab File: VV039449.D

Acq: 03 Dec 2025 11:52

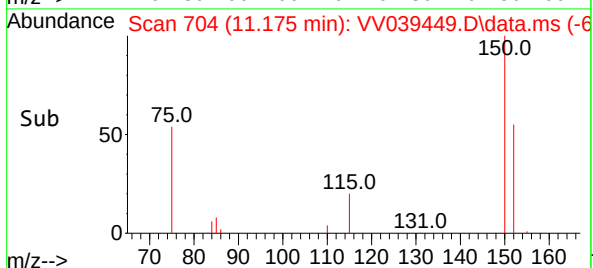
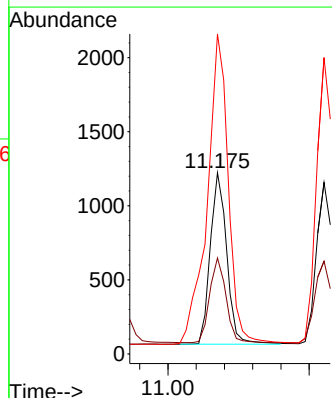
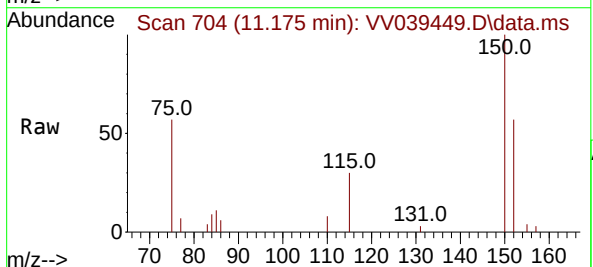
Tgt Ion: 152 Resp: 4678

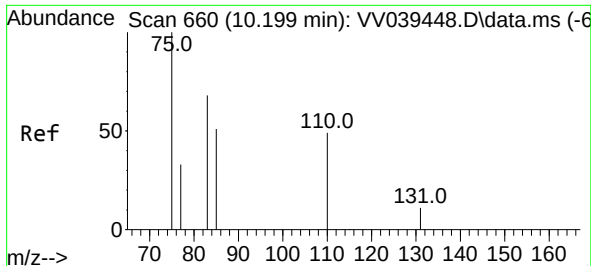
Ion Ratio Lower Upper

152 100

115 48.9 0.0 101.6

150 232.6 0.0 396.2





#13

1,2,3-Trichloropropane

Concen: 0.990 ug/L

RT: 10.177 min Scan# 660

Delta R.T. -0.022 min

Lab File: VV039449.D

Acq: 03 Dec 2025 11:52

Instrument :

MSVOA_V

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VSTD001273

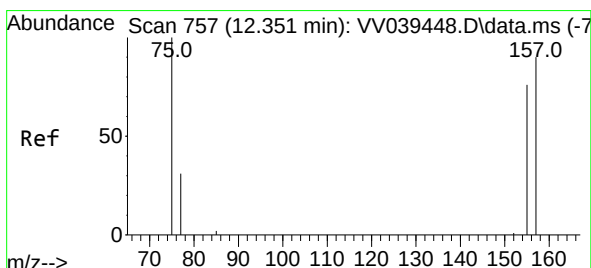
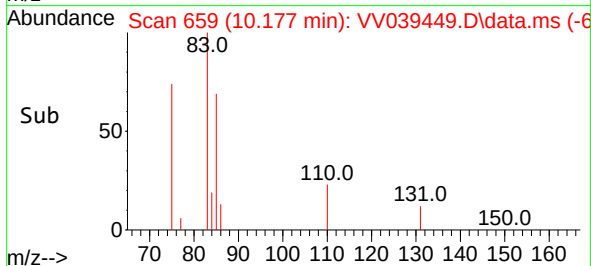
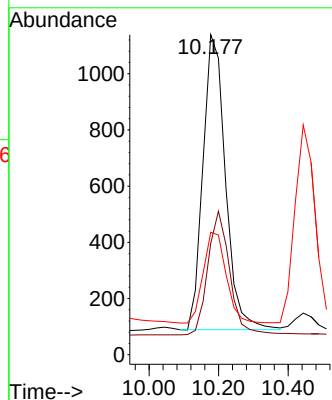
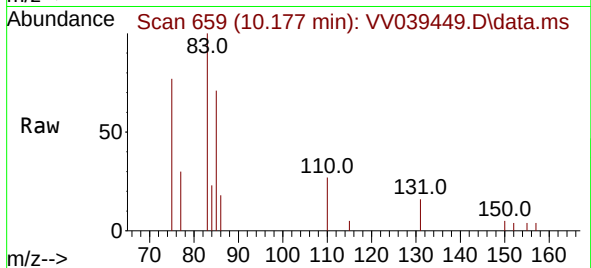
Tgt Ion: 75 Resp: 4739

Ion Ratio Lower Upper

75 100

110 40.6 37.8 56.6

77 31.1 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.875 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039449.D

Acq: 03 Dec 2025 11:52

Tgt Ion: 75 Resp: 872

Ion Ratio Lower Upper

75 100

157 99.6 67.8 101.6

155 84.9 61.9 92.9

