

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039446.D
 Acq On : 03 Dec 2025 10:32
 Operator : SY/MD
 Sample : VSTD0.0570
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0270

Quant Time: Dec 04 00:44:13 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)

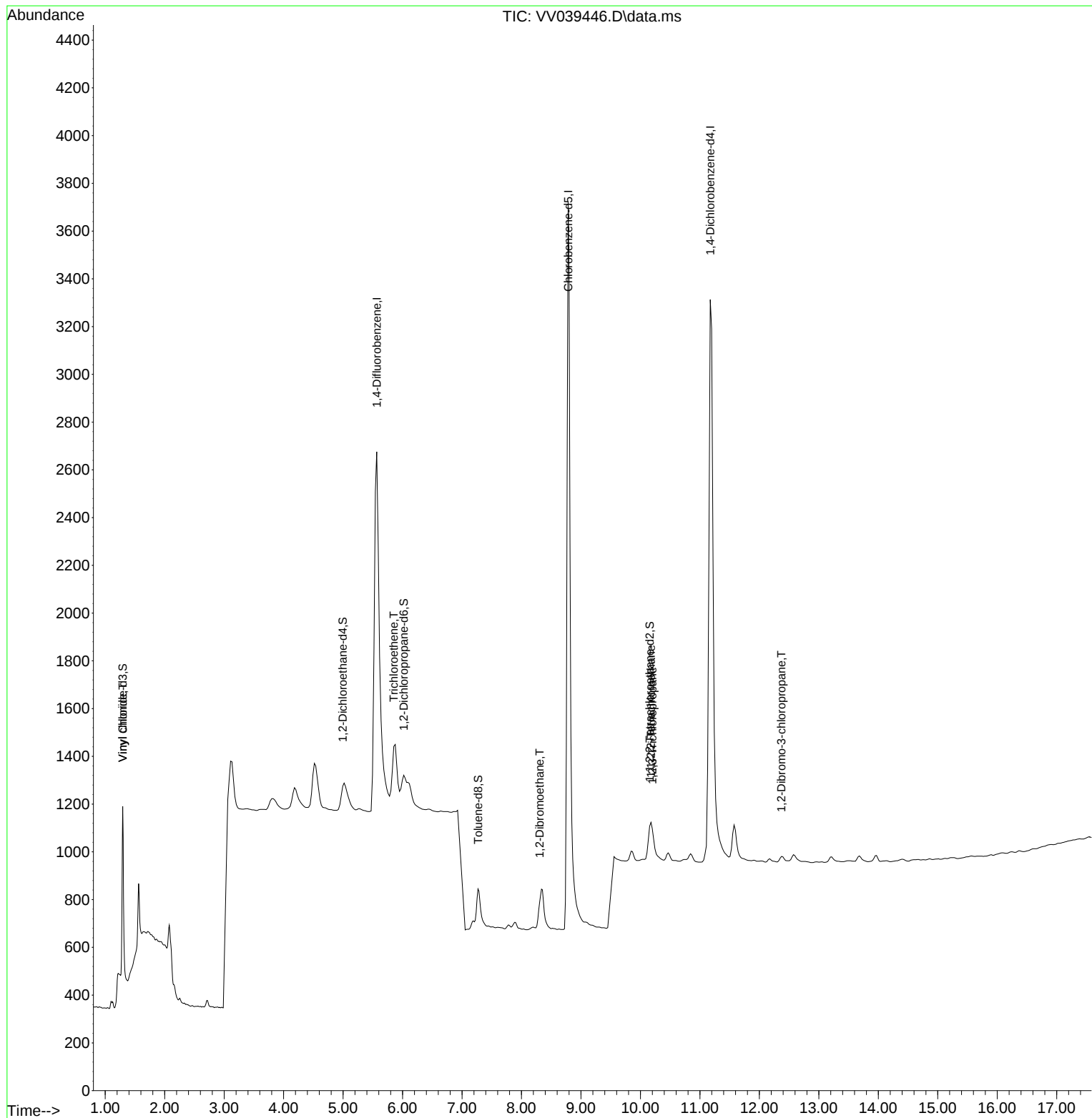
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6845	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6518	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3509	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	324	0.047	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.993	65	262	0.057	ug/L	0.02
7) 1,2-Dichloropropane-d6	6.019	67	259	0.047	ug/L	0.00
8) Toluene-d8	7.269	98	439	0.047	ug/L	0.03
10) 1,1,2,2-Tetrachloroeth...	10.155	84	140	0.045	ug/L	0.02
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	659	0.044	ug/L #	46
6) Trichloroethene	5.852	95	395	0.050	ug/L	88
9) 1,2-Dibromoethane	8.305	107	246	0.046	ug/L #	88
11) 1,1,2,2-Tetrachloroethane	10.177	83	285	0.044	ug/L #	90
13) 1,2,3-Trichloropropane	10.199	75	196	0.055	ug/L #	87
14) 1,2-Dibromo-3-chloropr...	12.373	75	45	0.060	ug/L	96

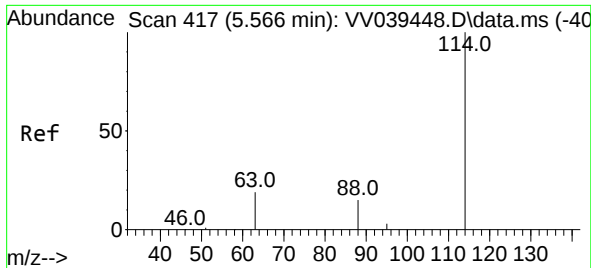
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
Data File : VV039446.D
Acq On : 03 Dec 2025 10:32
Operator : SY/MD
Sample : VSTD0.0570
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0270

Quant Time: Dec 04 00:44:13 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

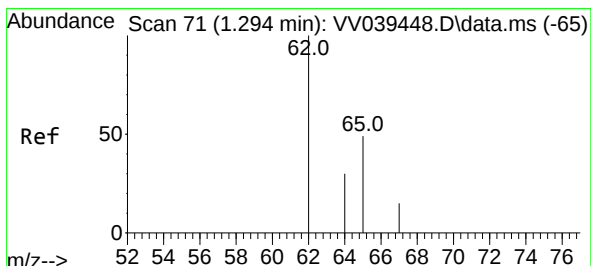
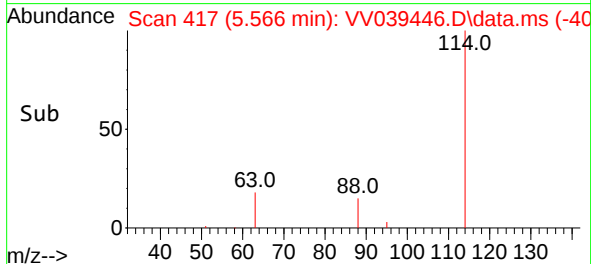
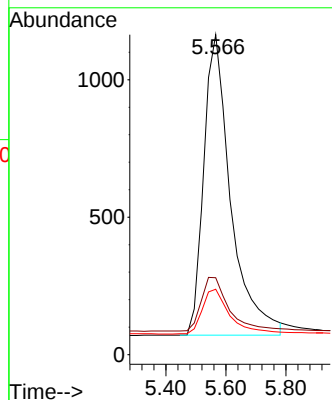
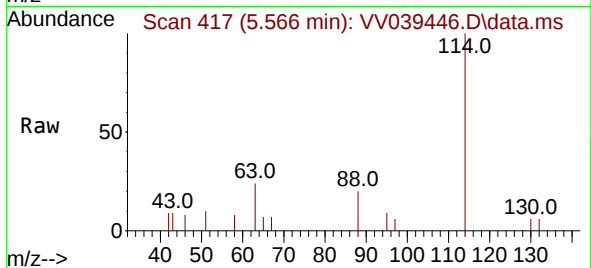




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

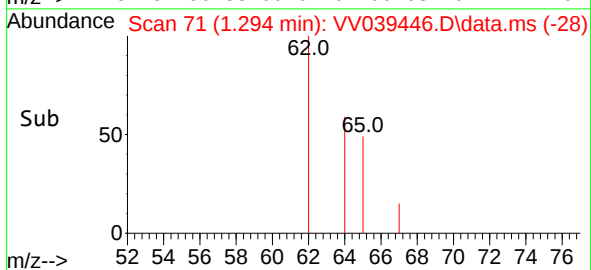
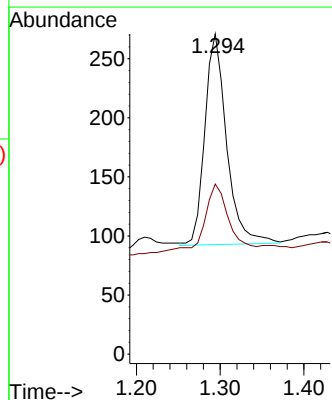
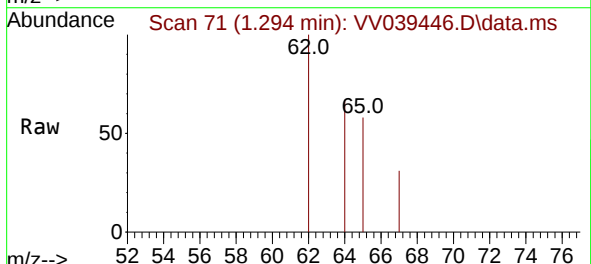
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0270

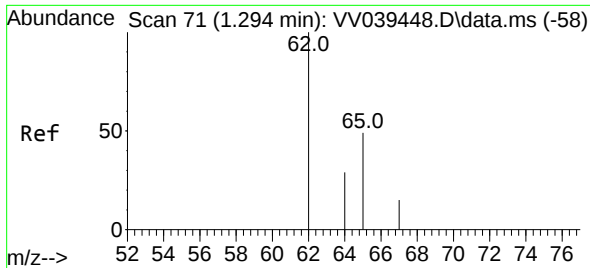
Tgt Ion:	114	Resp:	6845
Ion	Ratio	Lower	Upper
114	100		
63	18.3	15.0	22.4
88	15.2	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.047 ug/L
RT: 1.294 min Scan# 71
Delta R.T. -0.000 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

Tgt Ion:	65	Resp:	324
Ion	Ratio	Lower	Upper
65	100		
67	42.0	22.3	41.5

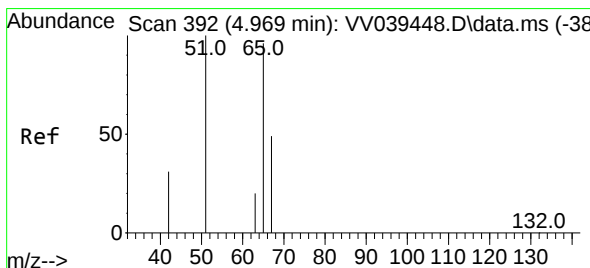
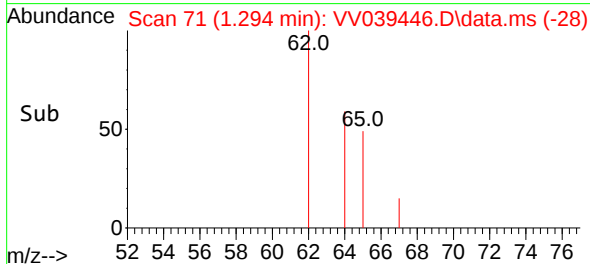
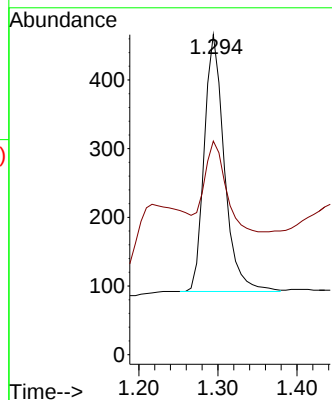
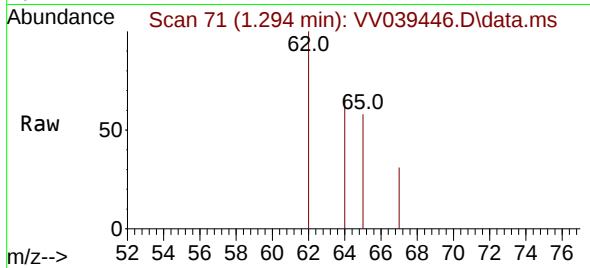




#3
 Vinyl chloride
 Concen: 0.044 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV039446.D
 Acq: 03 Dec 2025 10:32

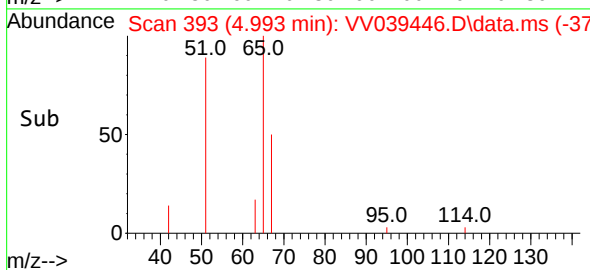
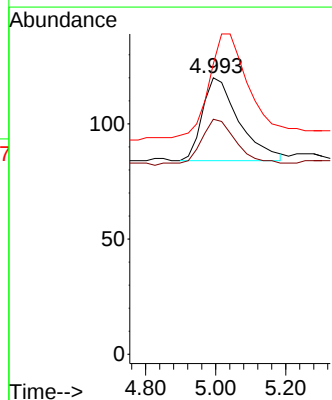
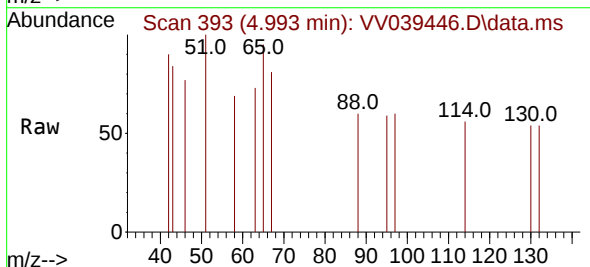
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0270

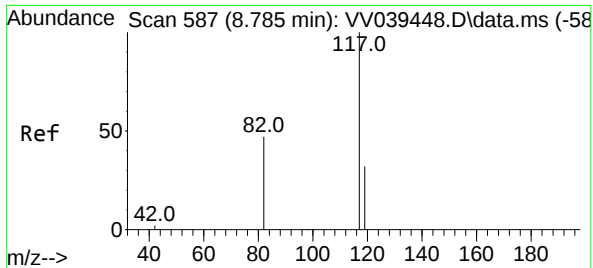
Tgt Ion: 62 Resp: 659
 Ion Ratio Lower Upper
 62 100
 64 66.7 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.057 ug/L
 RT: 4.993 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VV039446.D
 Acq: 03 Dec 2025 10:32

Tgt Ion: 65 Resp: 262
 Ion Ratio Lower Upper
 65 100
 67 55.3 32.5 60.3
 51 142.0 121.4 225.6

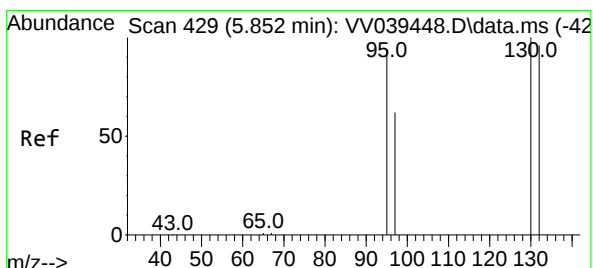
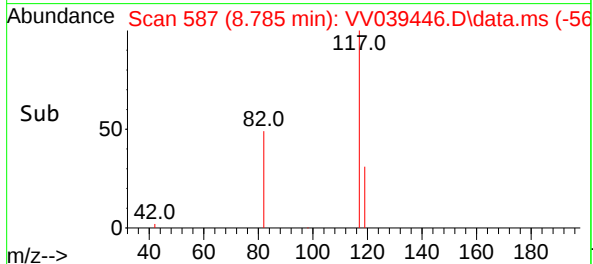
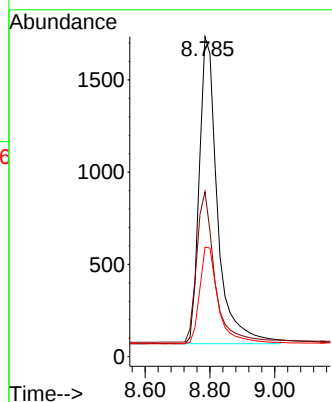
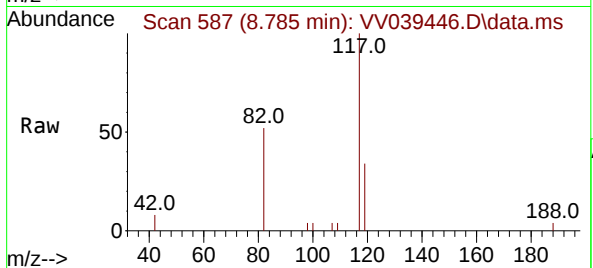




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

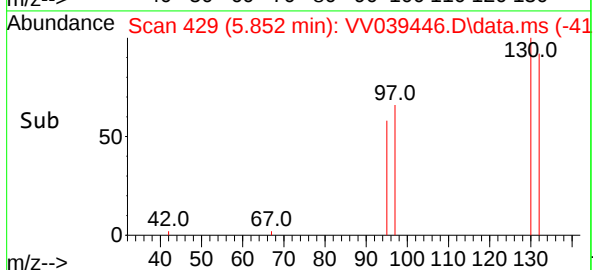
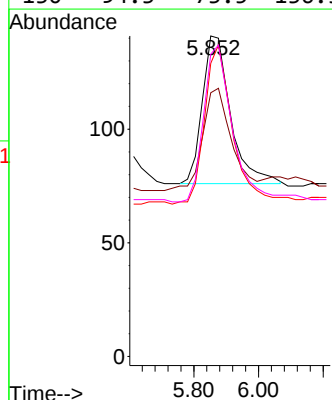
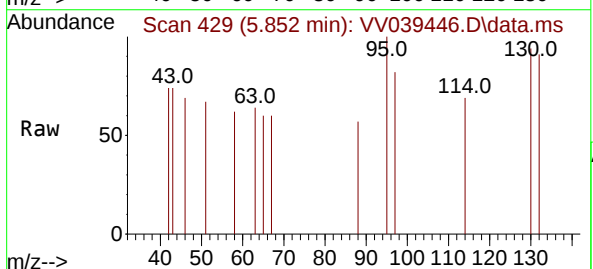
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0270

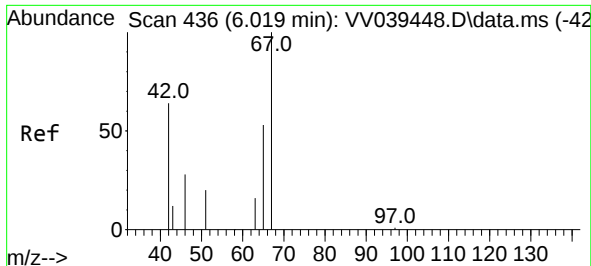
Tgt Ion:	117	Resp:	6518
Ion	Ratio	Lower	Upper
117	100		
82	48.6	39.4	59.2
119	32.7	26.2	39.2



#6
Trichloroethene
Concen: 0.050 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

Tgt Ion:	95	Resp:	395
Ion	Ratio	Lower	Upper
95	100		
97	82.3	47.7	88.7
132	91.5	70.8	131.4
130	94.3	73.5	136.5



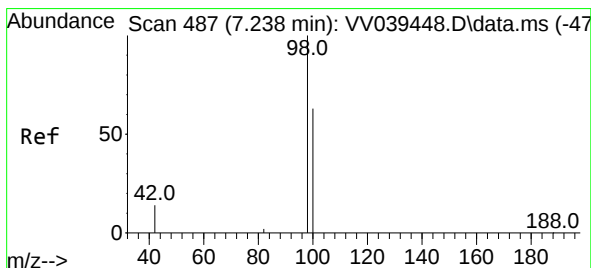
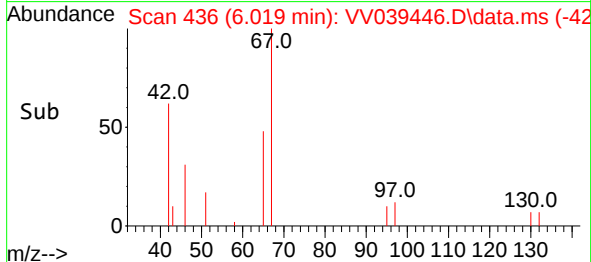
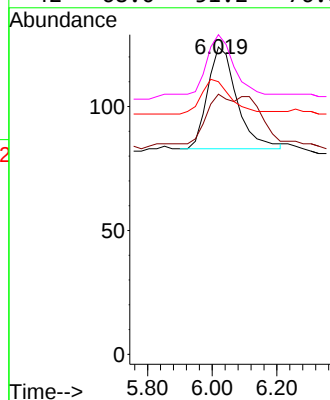
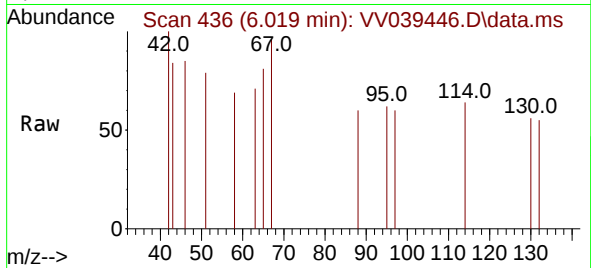


#7
1,2-Dichloropropane-d6
Concen: 0.047 ug/L
RT: 6.019 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0270

Tgt Ion: 67 Resp: 259

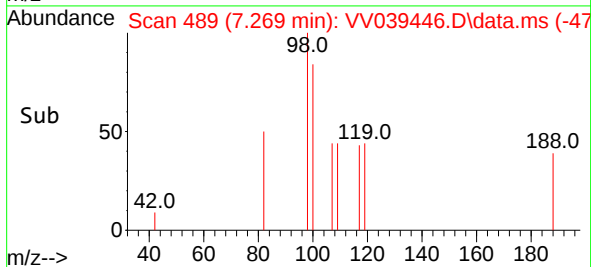
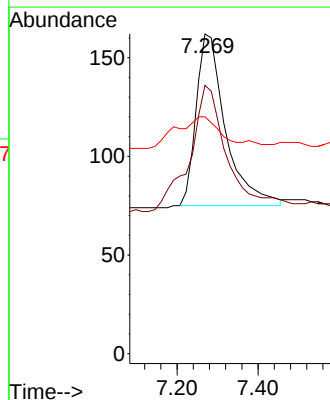
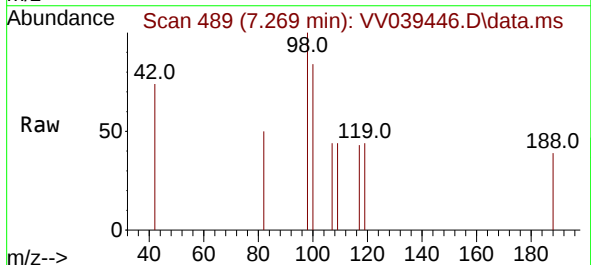
Ion	Ratio	Lower	Upper
67	100		
65	57.5	37.9	56.9#
46	34.4	27.4	41.0
42	68.0	51.2	76.8

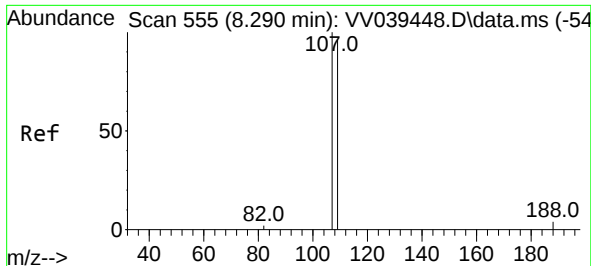


#8
Toluene-d8
Concen: 0.047 ug/L
RT: 7.269 min Scan# 489
Delta R.T. 0.031 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

Tgt Ion: 98 Resp: 439

Ion	Ratio	Lower	Upper
98	100		
100	91.1	44.5	82.7#
42	27.1	10.1	18.7#

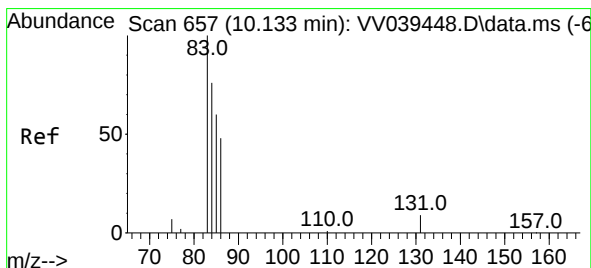
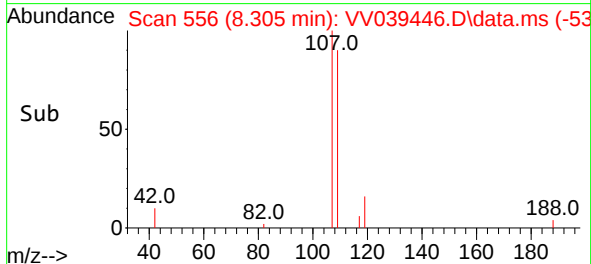
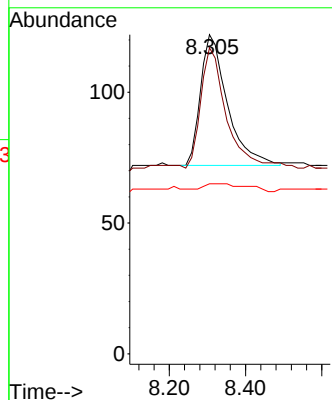
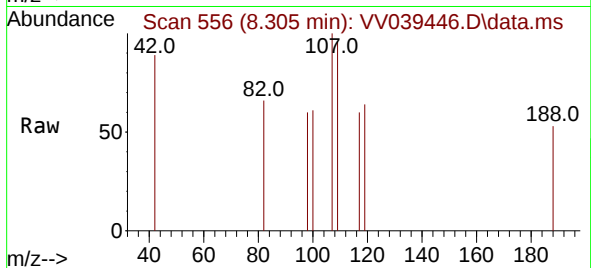




#9
1,2-Dibromoethane
Concen: 0.046 ug/L
RT: 8.305 min Scan# 556
Delta R.T. 0.015 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

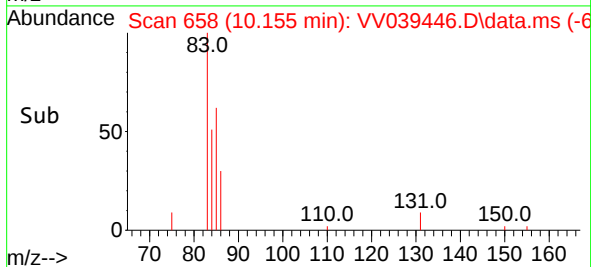
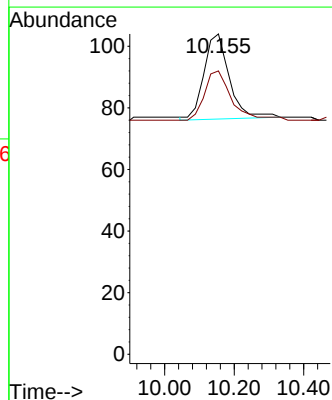
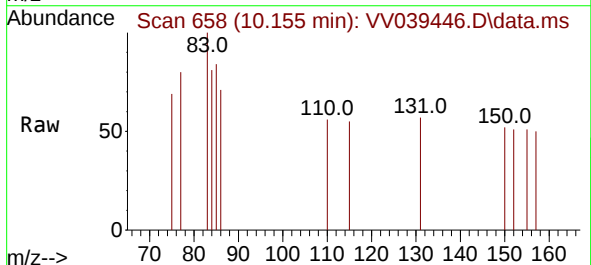
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0270

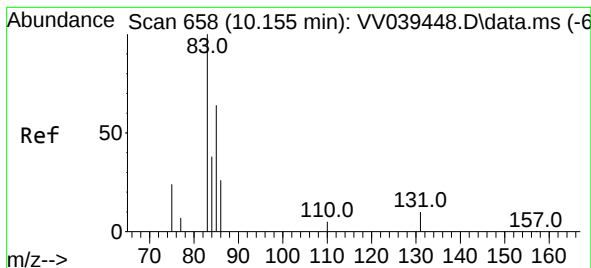
Tgt Ion:107 Resp: 246
Ion Ratio Lower Upper
107 100
109 95.9 67.4 125.2
188 53.3 9.4 14.0#



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.045 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.022 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

Tgt Ion: 84 Resp: 140
Ion Ratio Lower Upper
84 100
86 62.1 44.4 82.5





#11

1,1,2,2-Tetrachloroethane

Concen: 0.044 ug/L

RT: 10.177 min Scan# 6

Delta R.T. 0.022 min

Lab File: VV039446.D

Acq: 03 Dec 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.0270

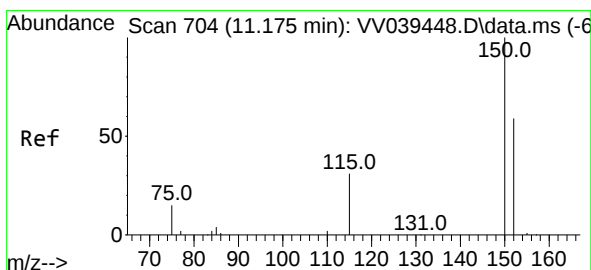
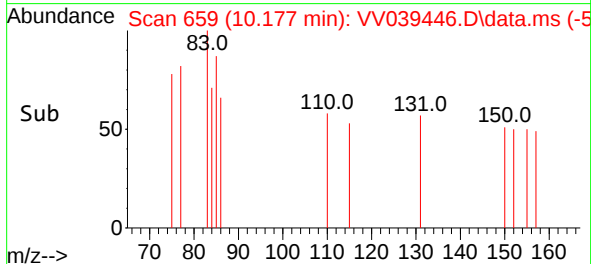
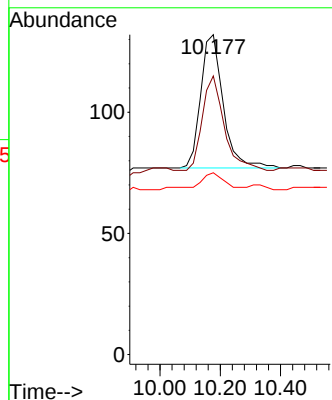
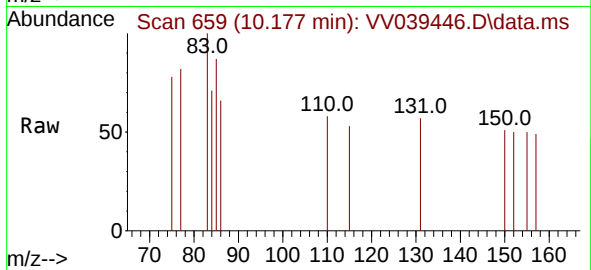
Tgt Ion: 83 Resp: 285

Ion Ratio Lower Upper

83 100

85 68.8 51.0 76.6

131 0.0 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: VV039446.D

Acq: 03 Dec 2025 10:32

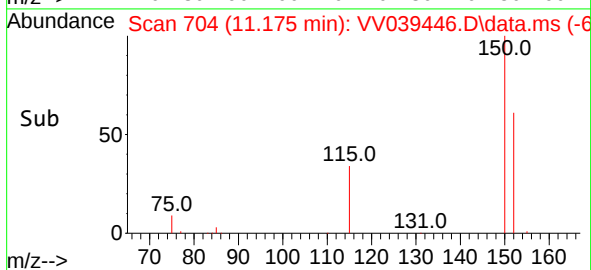
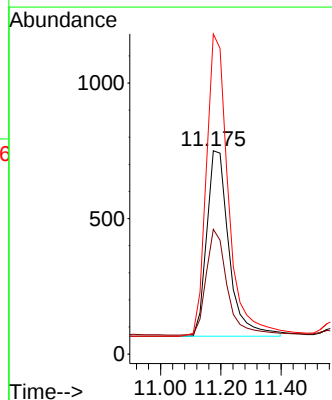
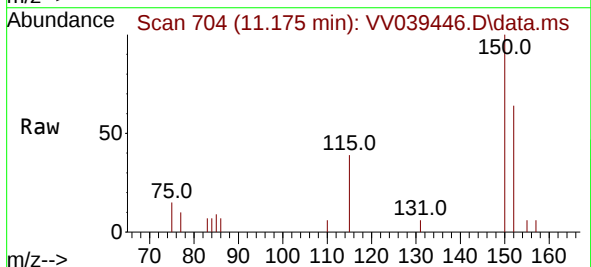
Tgt Ion:152 Resp: 3509

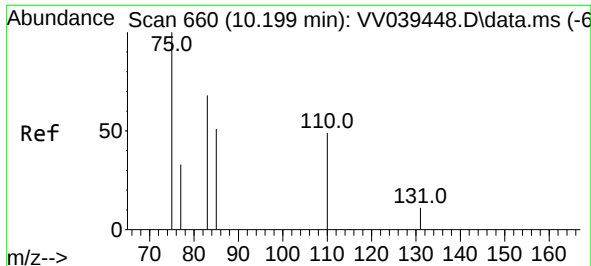
Ion Ratio Lower Upper

152 100

115 54.0 0.0 101.6

150 160.8 0.0 396.2

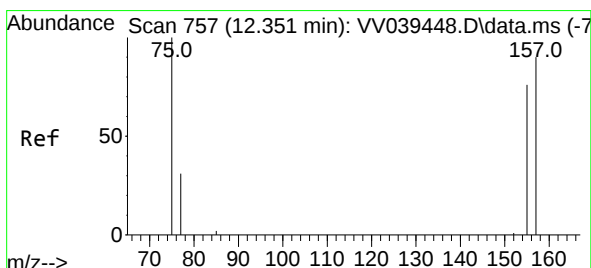
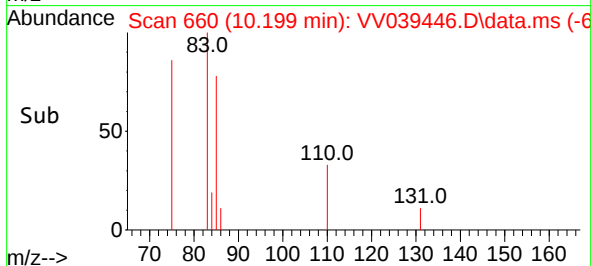
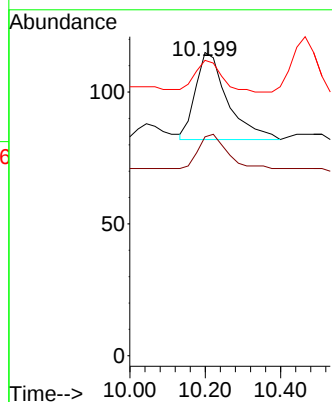
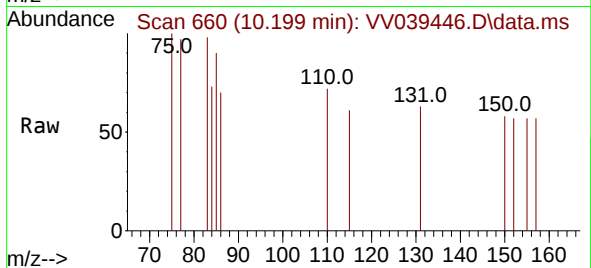




#13
1,2,3-Trichloropropane
Concen: 0.055 ug/L
RT: 10.199 min Scan# 660
Delta R.T. -0.000 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0270

Tgt Ion: 75 Resp: 196
Ion Ratio Lower Upper
75 100
110 34.7 37.8 56.6#
77 30.1 25.6 38.4



#14
1,2-Dibromo-3-chloropropane
Concen: 0.060 ug/L
RT: 12.373 min Scan# 758
Delta R.T. 0.022 min
Lab File: VV039446.D
Acq: 03 Dec 2025 10:32

Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
157 79.1 67.8 101.6
155 78.0 61.9 92.9

