

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039445.D
 Acq On : 03 Dec 2025 09:55
 Operator : SY/MD
 Sample : VSTD0.0269
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.02269

Quant Time: Dec 04 00:43:58 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)

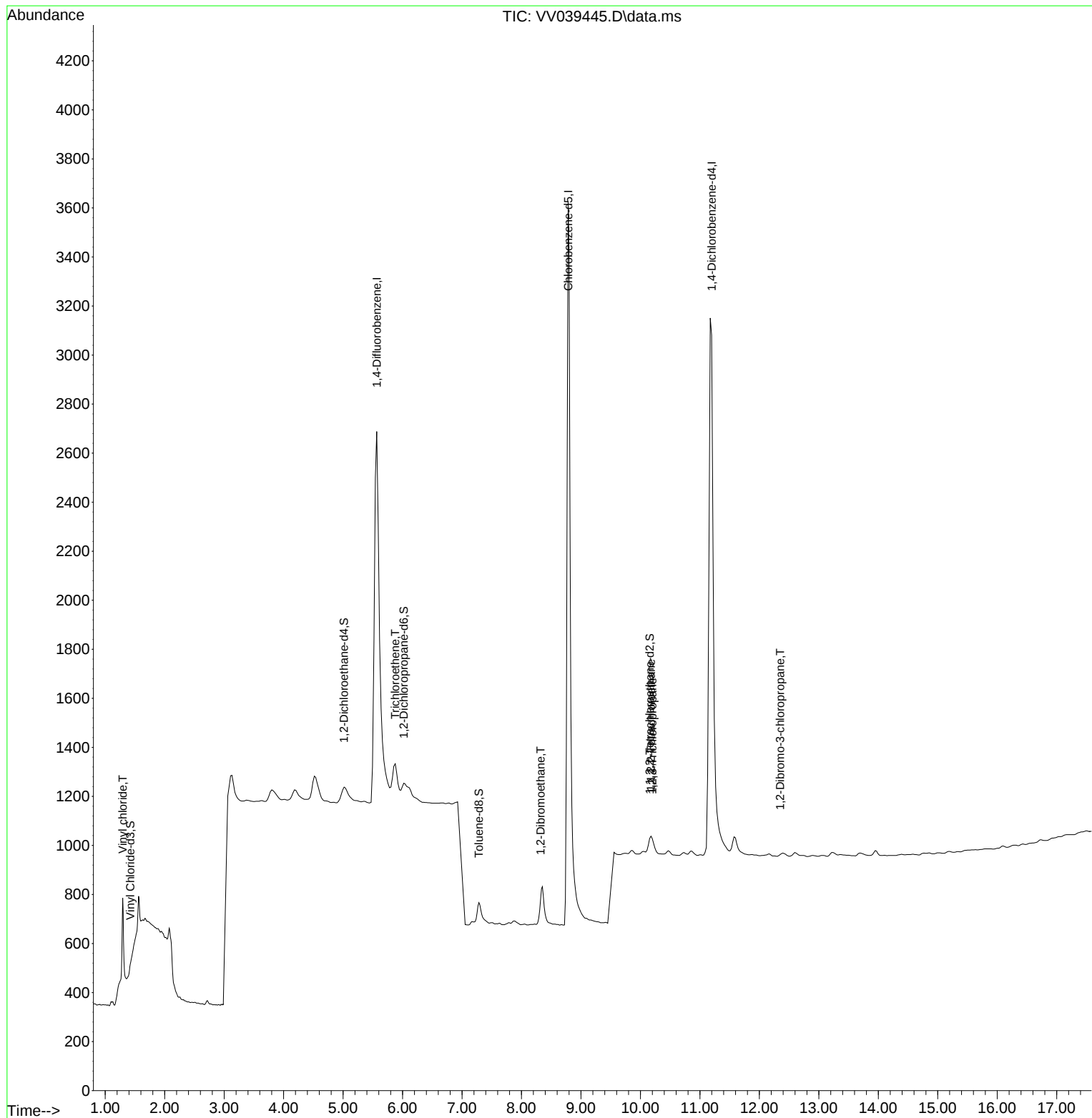
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6846	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6511	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3380	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.421	65	36	0.005	ug/L	0.13
4) 1,2-Dichloroethane-d4	5.017	65	170	0.037	ug/L	0.05
7) 1,2-Dichloropropane-d6	6.019	67	106	0.019	ug/L	0.00
8) Toluene-d8	7.284	98	251	0.027	ug/L	0.05
10) 1,1,2,2-Tetrachloroeth...	10.155	84	69	0.022	ug/L	0.02
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	401	0.027	ug/L #	24
6) Trichloroethene	5.876	95	179	0.023	ug/L #	89
9) 1,2-Dibromoethane	8.321	107	139	0.026	ug/L #	84
11) 1,1,2,2-Tetrachloroethane	10.177	83	153	0.023	ug/L #	95
13) 1,2,3-Trichloropropane	10.199	75	81	0.023	ug/L	89
14) 1,2-Dibromo-3-chloropr...	12.351	75	16	0.022	ug/L	95

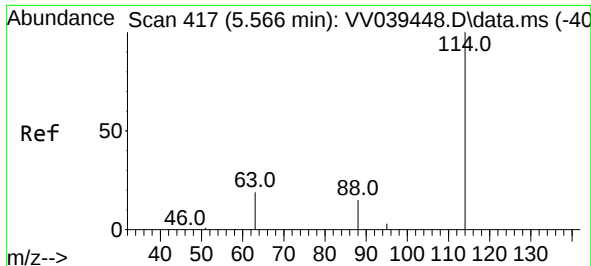
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
Data File : VV039445.D
Acq On : 03 Dec 2025 09:55
Operator : SY/MD
Sample : VSTD0.0269
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.02269

Quant Time: Dec 04 00:43:58 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

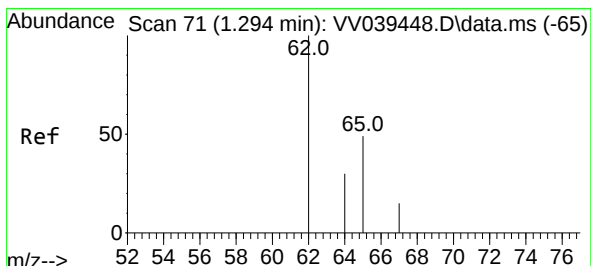
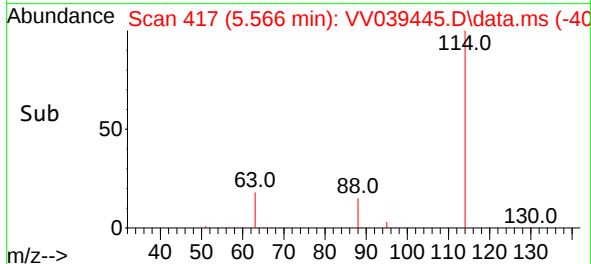
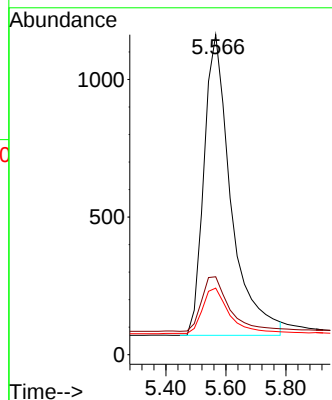
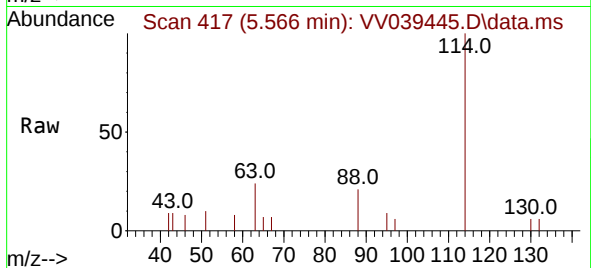




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039445.D
 Acq: 03 Dec 2025 09:55

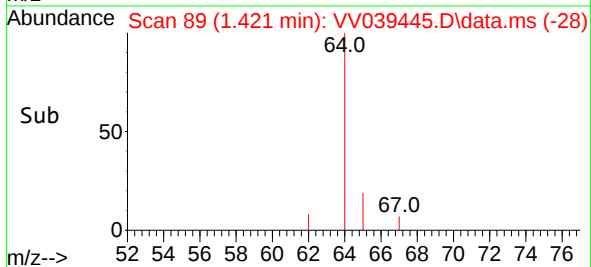
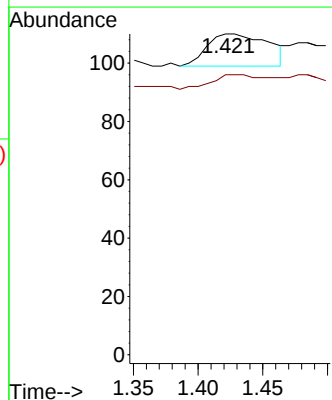
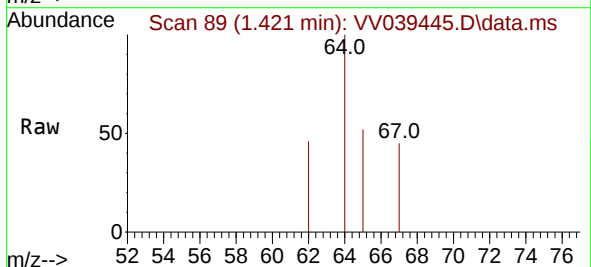
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.02269

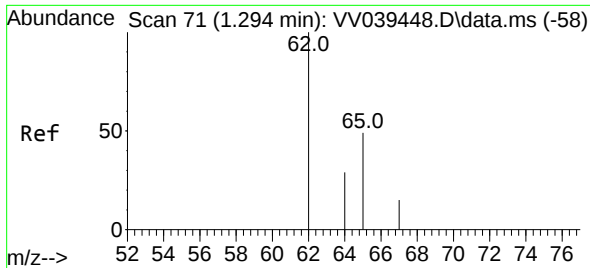
Tgt Ion:	114	Resp:	6846
Ion	Ratio	Lower	Upper
114	100		
63	18.7	15.0	22.4
88	15.2	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.005 ug/L
 RT: 1.421 min Scan# 89
 Delta R.T. 0.127 min
 Lab File: VV039445.D
 Acq: 03 Dec 2025 09:55

Tgt Ion:	65	Resp:	36
Ion	Ratio	Lower	Upper
65	100		
67	38.9	22.3	41.5

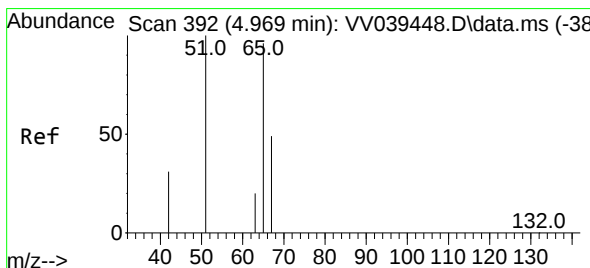
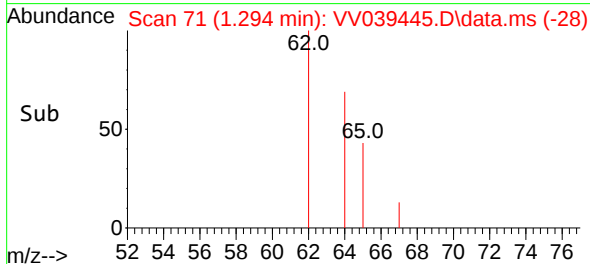
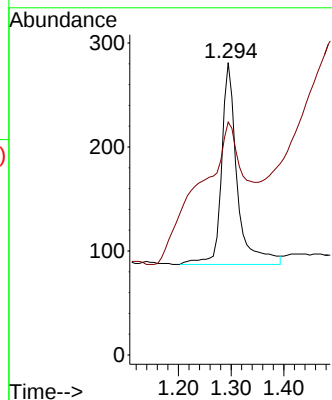
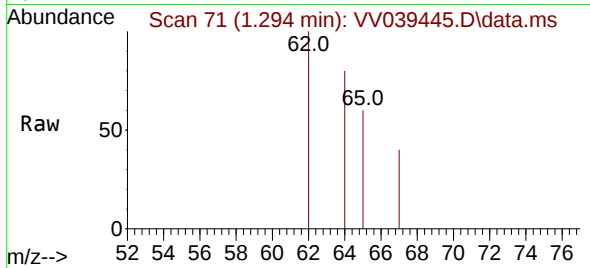




#3
 Vinyl chloride
 Concen: 0.027 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039445.D
 Acq: 03 Dec 2025 09:55

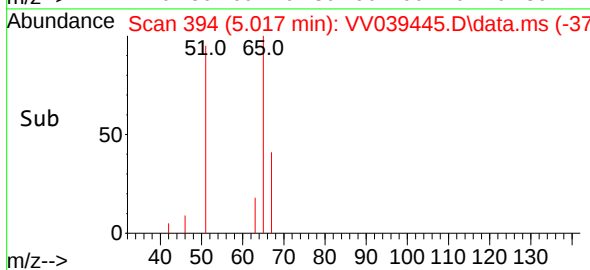
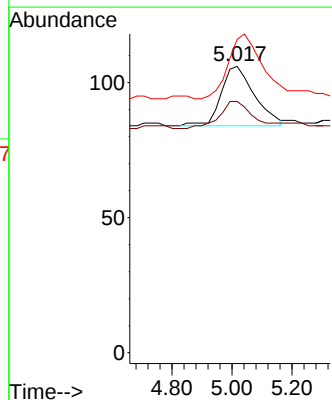
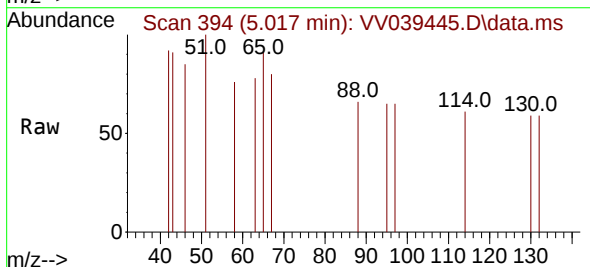
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.02269

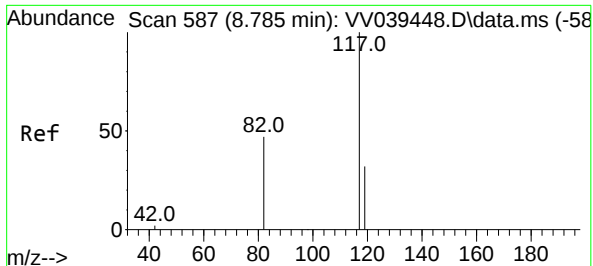
Tgt Ion: 62 Resp: 401
 Ion Ratio Lower Upper
 62 100
 64 79.7 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.037 ug/L
 RT: 5.017 min Scan# 394
 Delta R.T. 0.048 min
 Lab File: VV039445.D
 Acq: 03 Dec 2025 09:55

Tgt Ion: 65 Resp: 170
 Ion Ratio Lower Upper
 65 100
 67 44.7 32.5 60.3
 51 111.2 121.4 225.6#

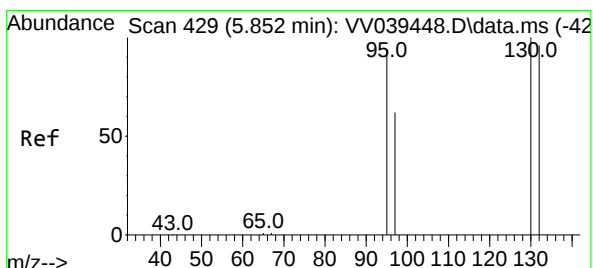
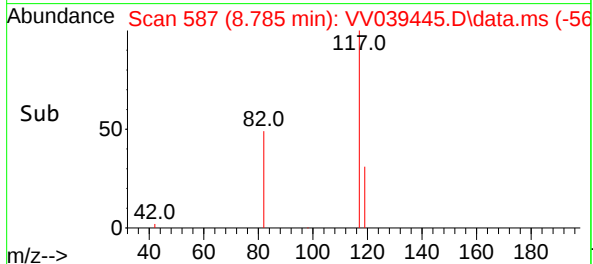
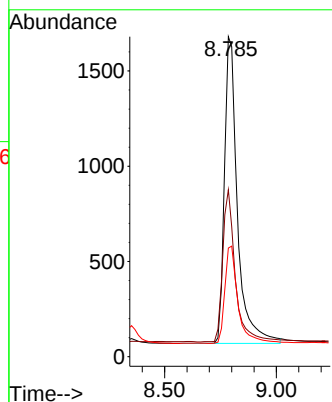
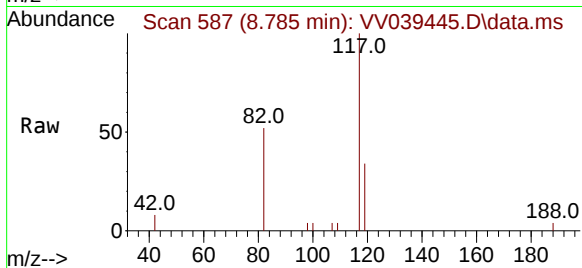




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV039445.D
Acq: 03 Dec 2025 09:55

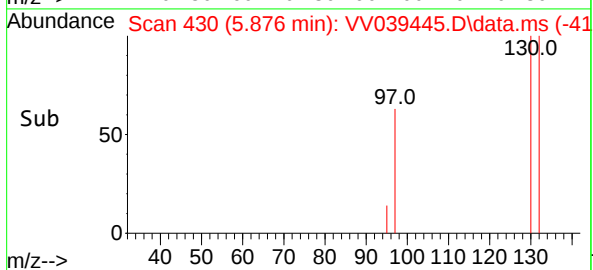
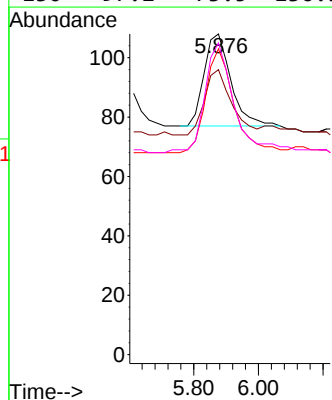
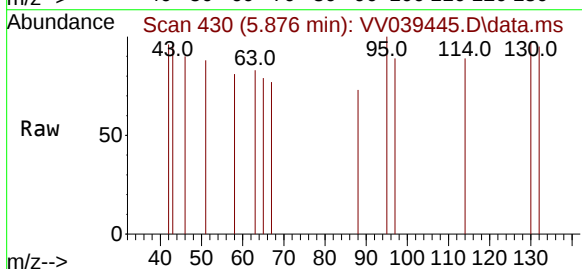
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.02269

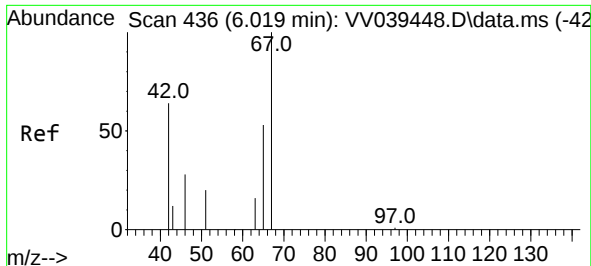
Tgt Ion:	117	Resp:	6511
Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.4	59.2
119	32.1	26.2	39.2



#6
Trichloroethene
Concen: 0.023 ug/L
RT: 5.876 min Scan# 430
Delta R.T. 0.024 min
Lab File: VV039445.D
Acq: 03 Dec 2025 09:55

Tgt Ion:	95	Resp:	179
Ion	Ratio	Lower	Upper
95	100		
97	88.9	47.7	88.7#
132	95.4	70.8	131.4
130	97.2	73.5	136.5



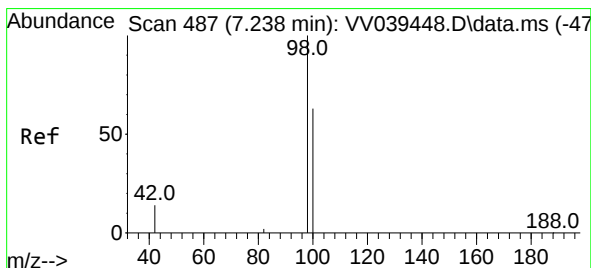
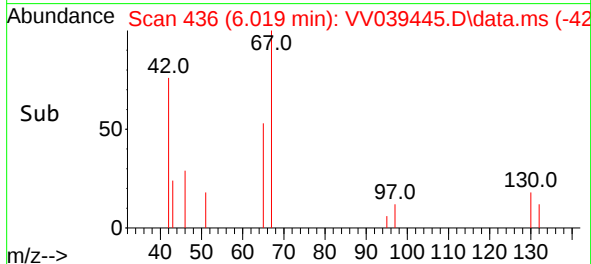
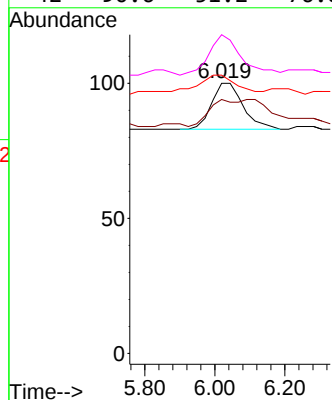
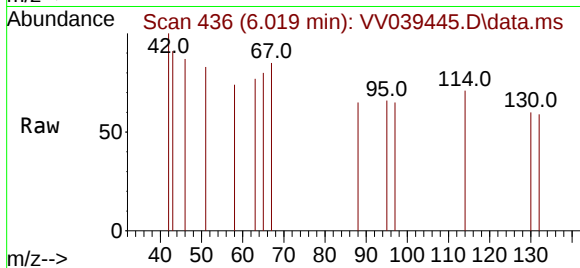


#7
1,2-Dichloropropane-d6
Concen: 0.019 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039445.D
Acq: 03 Dec 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.02269

Tgt Ion: 67 Resp: 106

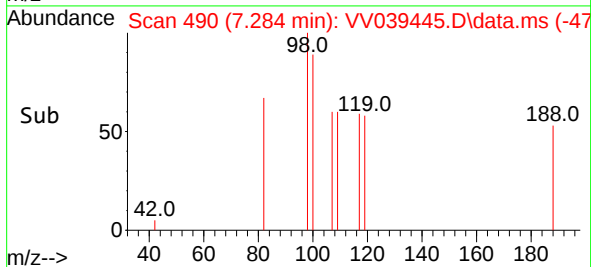
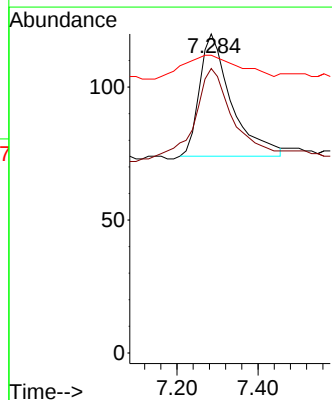
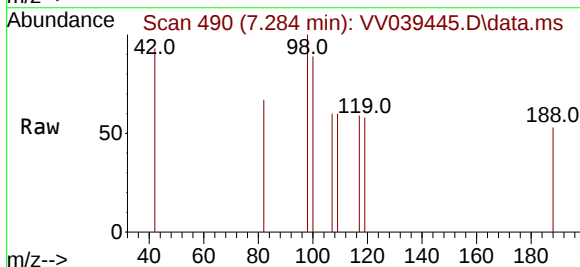
Ion	Ratio	Lower	Upper
67	100		
65	109.4	37.9	56.9#
46	44.3	27.4	41.0#
42	90.6	51.2	76.8#

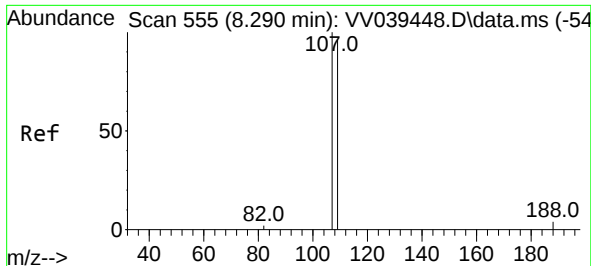


#8
Toluene-d8
Concen: 0.027 ug/L
RT: 7.284 min Scan# 490
Delta R.T. 0.046 min
Lab File: VV039445.D
Acq: 03 Dec 2025 09:55

Tgt Ion: 98 Resp: 251

Ion	Ratio	Lower	Upper
98	100		
100	64.1	44.5	82.7
42	34.7	10.1	18.7#

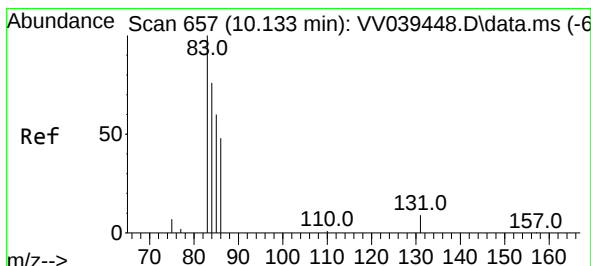
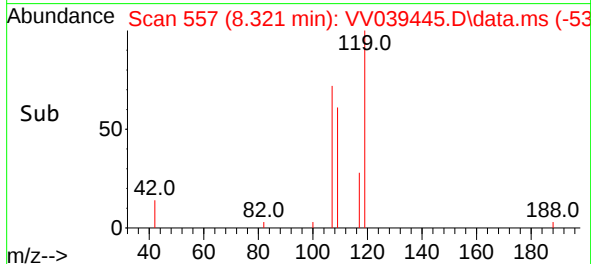
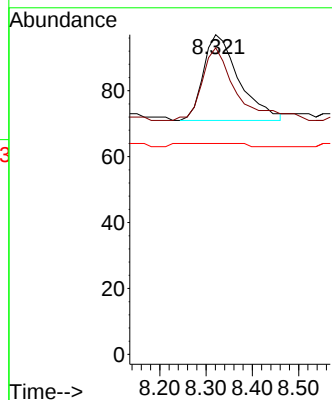
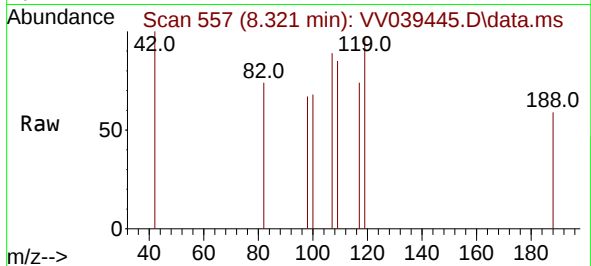




#9
 1,2-Dibromoethane
 Concen: 0.026 ug/L
 RT: 8.321 min Scan# 511
 Delta R.T. 0.031 min
 Lab File: VV039445.D
 Acq: 03 Dec 2025 09:55

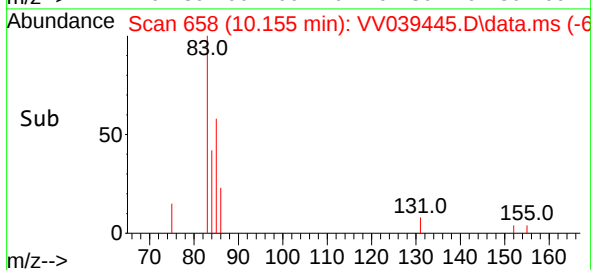
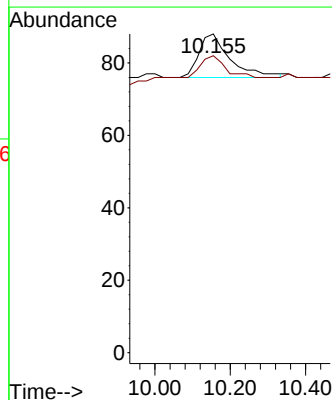
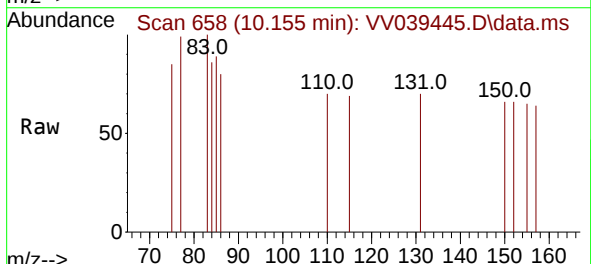
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.02269

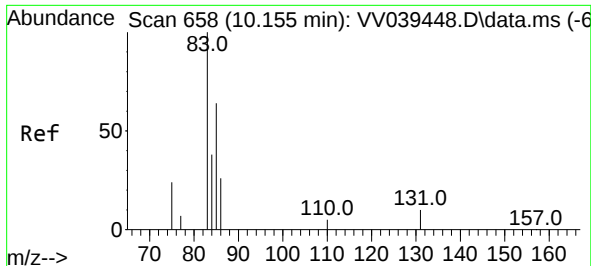
Tgt Ion:107 Resp: 139
 Ion Ratio Lower Upper
 107 100
 109 95.9 67.4 125.2
 188 66.0 9.4 14.0#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.022 ug/L
 RT: 10.155 min Scan# 658
 Delta R.T. 0.022 min
 Lab File: VV039445.D
 Acq: 03 Dec 2025 09:55

Tgt Ion: 84 Resp: 69
 Ion Ratio Lower Upper
 84 100
 86 65.2 44.4 82.5

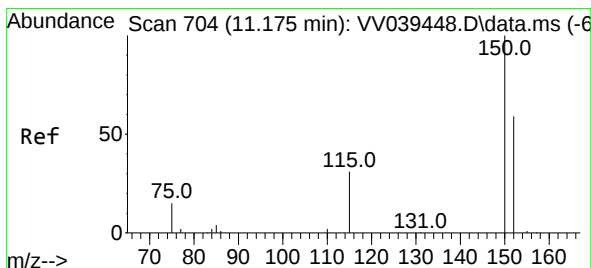
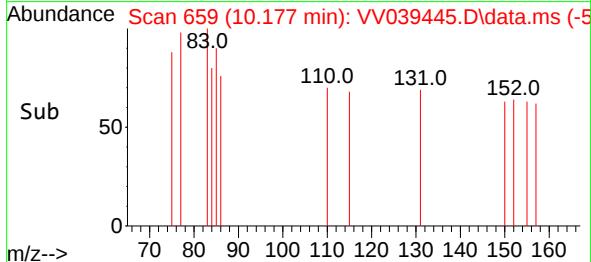
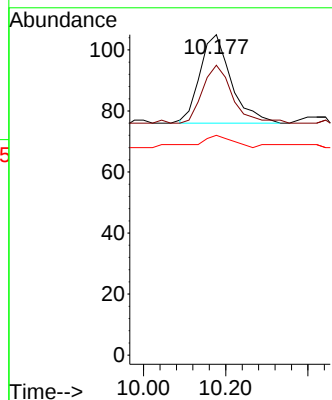
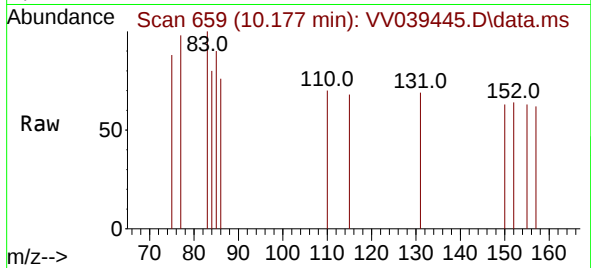




#11
1,1,2,2-Tetrachloroethane
Concen: 0.023 ug/L
RT: 10.177 min Scan# 611
Delta R.T. 0.022 min
Lab File: VV039445.D
Acq: 03 Dec 2025 09:55

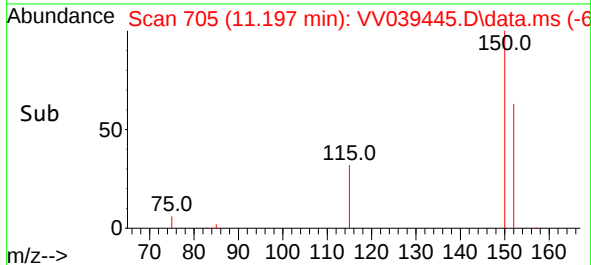
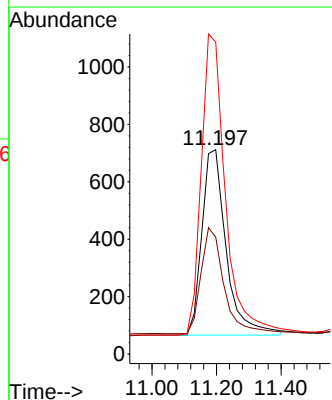
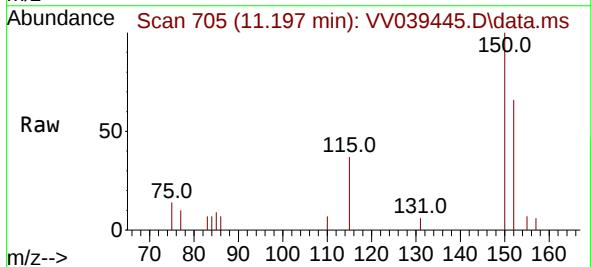
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.02269

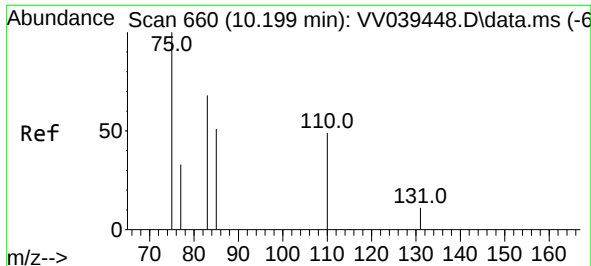
Tgt Ion: 83 Resp: 153
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.6
131 0.0 8.6 12.8#



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039445.D
Acq: 03 Dec 2025 09:55

Tgt Ion: 152 Resp: 3380
Ion Ratio Lower Upper
152 100
115 54.0 0.0 101.6
150 161.1 0.0 396.2





#13

1,2,3-Trichloropropane

Concen: 0.023 ug/L

RT: 10.199 min Scan# 660

Delta R.T. 0.000 min

Lab File: VV039445.D

Acq: 03 Dec 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.02269

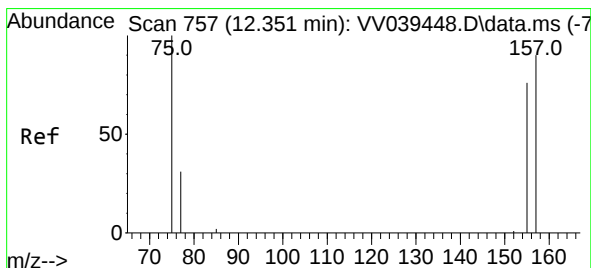
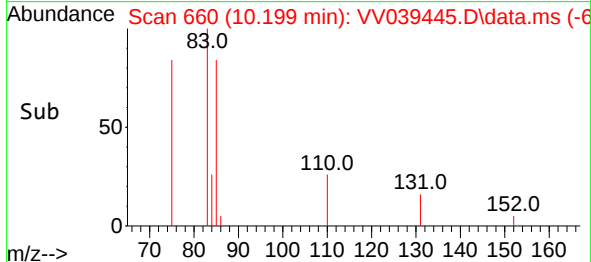
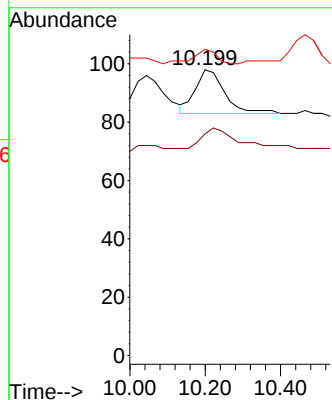
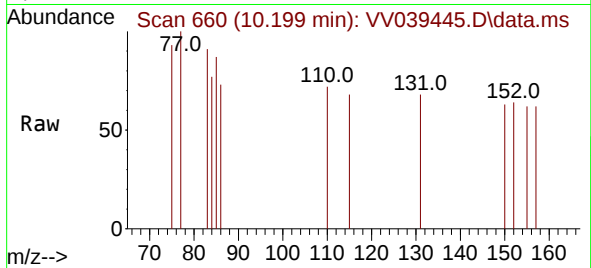
Tgt Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

110 54.3 37.8 56.6

77 25.9 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.022 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039445.D

Acq: 03 Dec 2025 09:55

Tgt Ion: 75 Resp: 16

Ion Ratio Lower Upper

75 100

157 77.6 67.8 101.6

155 78.8 61.9 92.9

