

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039532.D
 Acq On : 10 Dec 2025 15:47
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 00:07:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

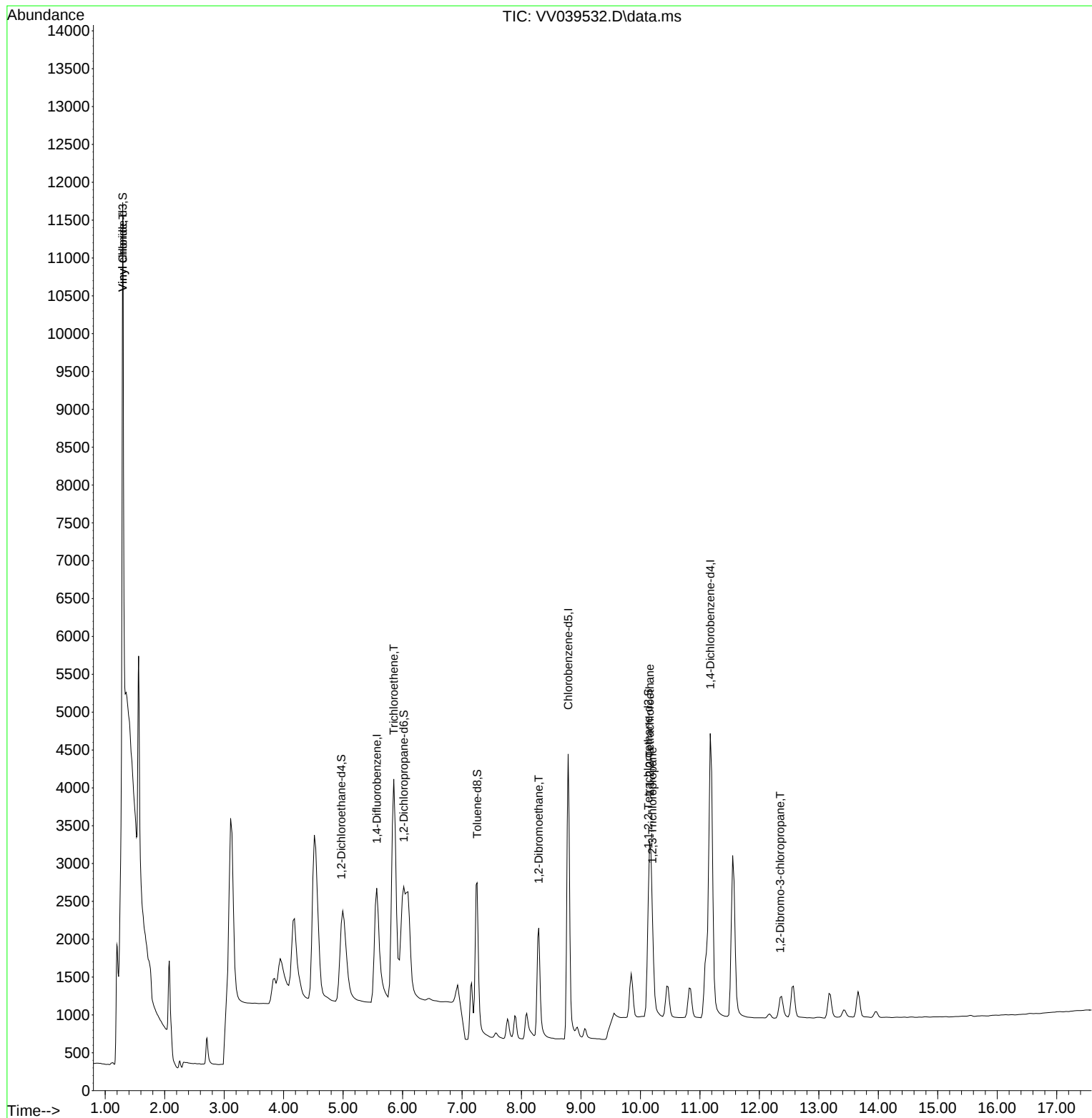
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6782	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7009	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3980	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3277	0.492	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.000%
4) 1,2-Dichloroethane-d4	4.970	65	2186	0.484	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	6.020	67	2893	0.489	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	98.000%
8) Toluene-d8	7.254	98	4704	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	1686	0.506	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	7040	0.480	ug/L #	1
6) Trichloroethene	5.853	95	4342	0.511	ug/L	99
9) 1,2-Dibromoethane	8.290	107	2769	0.482	ug/L	99
11) 1,1,2,2-Tetrachloroethane	10.155	83	3786	0.538	ug/L #	95
13) 1,2,3-Trichloropropane	10.199	75	2097	0.515	ug/L	96
14) 1,2-Dibromo-3-chloropr...	12.351	75	417	0.492	ug/L	99

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

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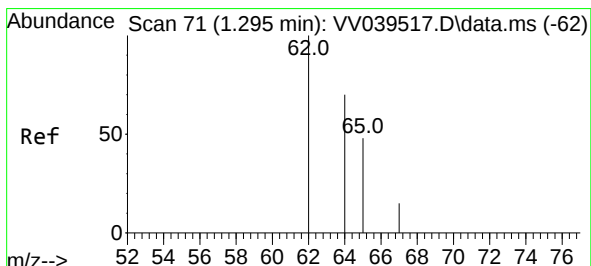
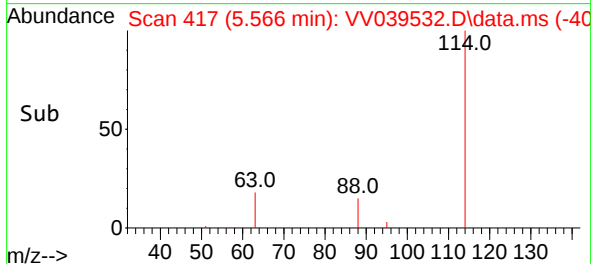
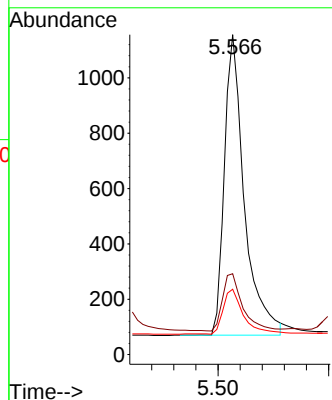
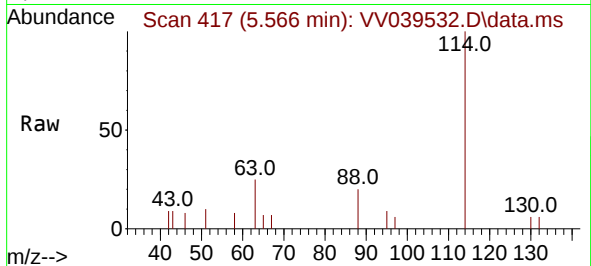




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

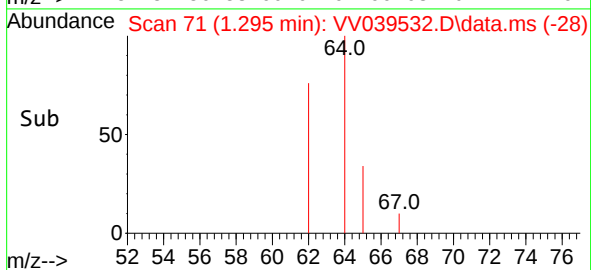
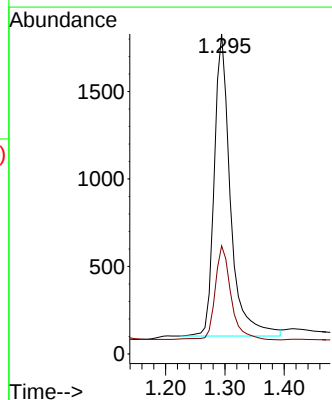
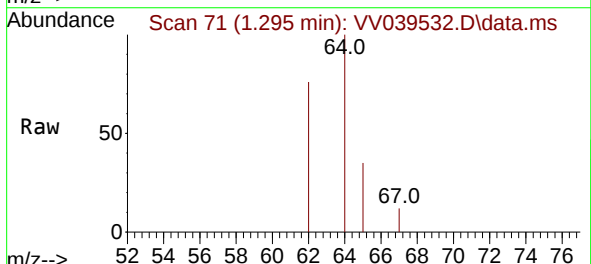
Instrument :
MSVOA_V
ClientSampleId :

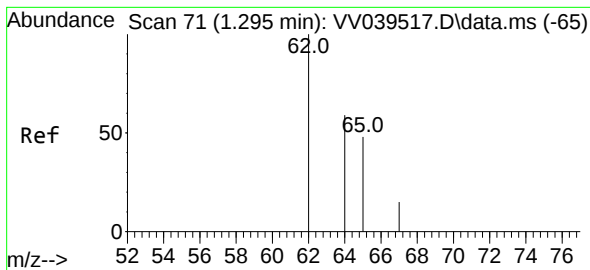
Tgt Ion:114 Resp: 6782
Ion Ratio Lower Upper
114 100
63 19.0 15.0 22.4
88 14.8 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.492 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

Tgt Ion: 65 Resp: 3277
Ion Ratio Lower Upper
65 100
67 30.8 22.3 41.5





#3

Vinyl chloride

Concen: 0.480 ug/L

RT: 1.295 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039532.D

Acq: 10 Dec 2025 15:47

Instrument :

MSVOA_V

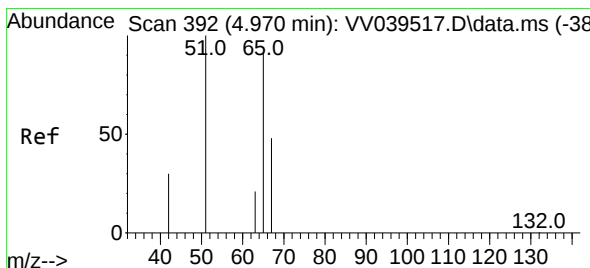
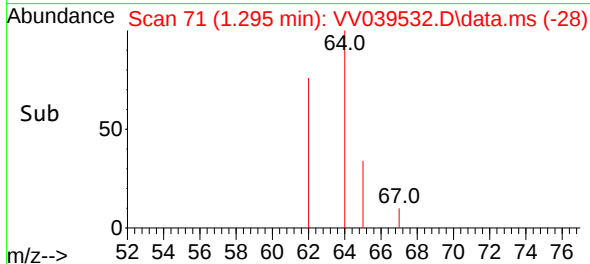
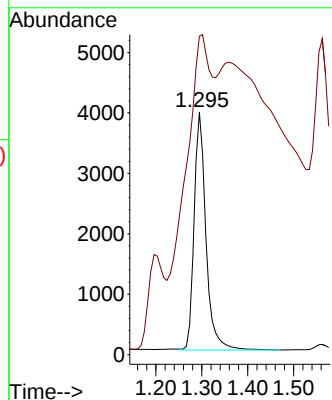
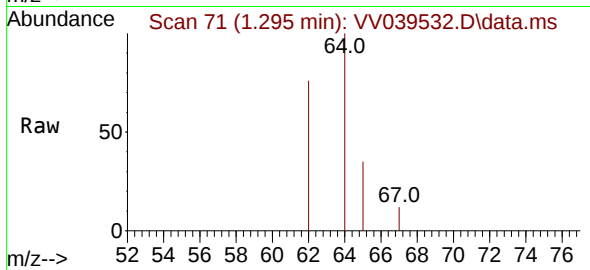
ClientSampleId :

Tgt Ion: 62 Resp: 7040

Ion Ratio Lower Upper

62 100

64 131.5 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.484 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039532.D

Acq: 10 Dec 2025 15:47

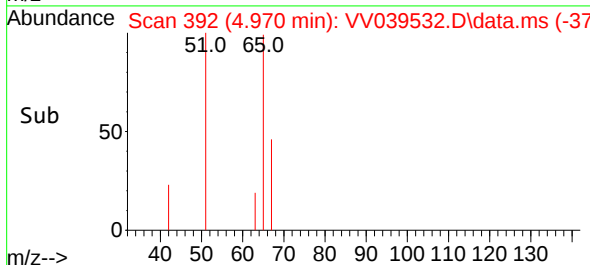
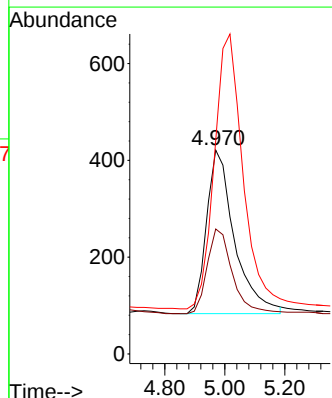
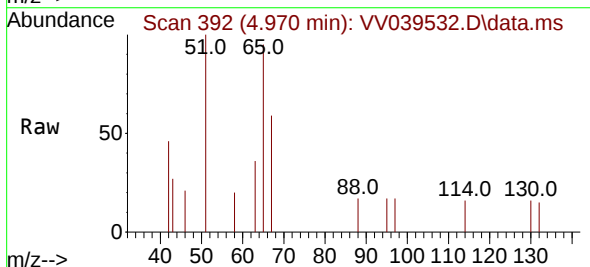
Tgt Ion: 65 Resp: 2186

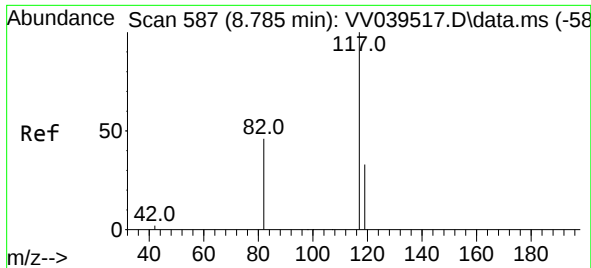
Ion Ratio Lower Upper

65 100

67 46.6 32.5 60.3

51 172.4 121.4 225.6

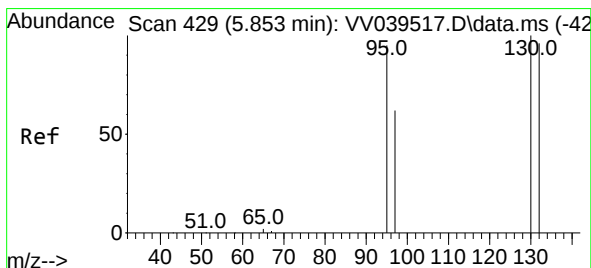
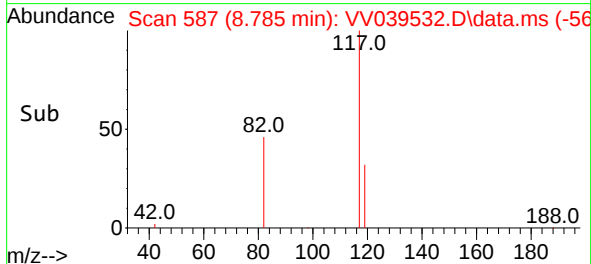
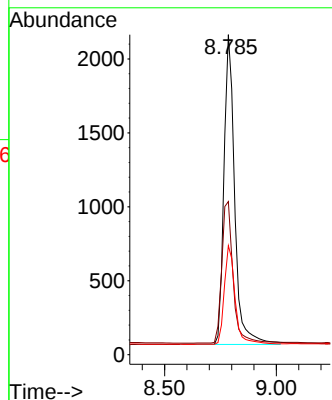
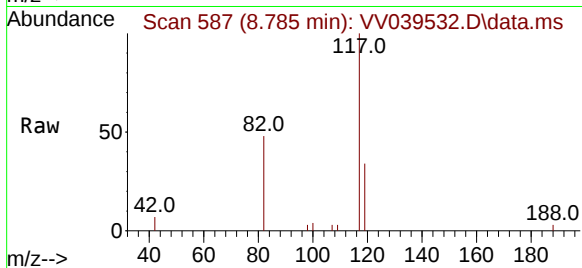




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

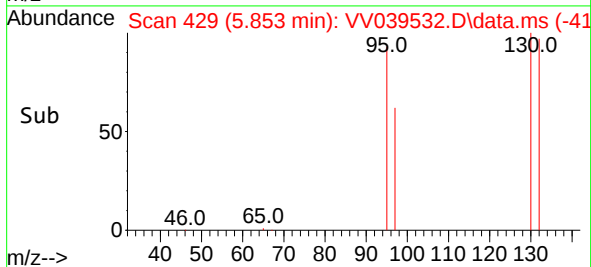
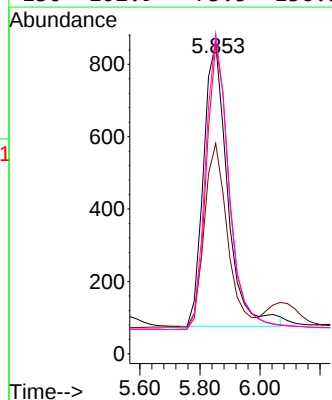
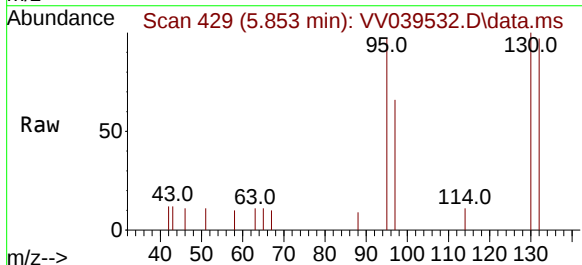
Instrument :
MSVOA_V
ClientSampleId :

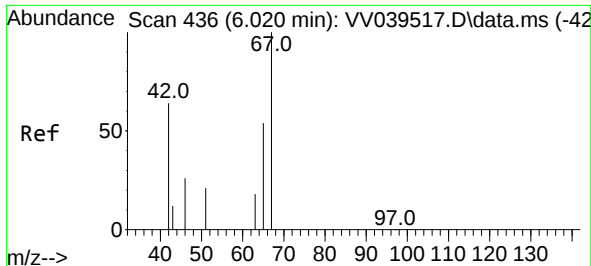
Tgt Ion:	117	Resp:	7009
Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.4	59.2
119	32.3	26.2	39.2



#6
Trichloroethene
Concen: 0.511 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

Tgt Ion:	95	Resp:	4342
Ion	Ratio	Lower	Upper
95	100		
97	67.6	47.7	88.7
132	99.7	70.8	131.4
130	102.9	73.5	136.5

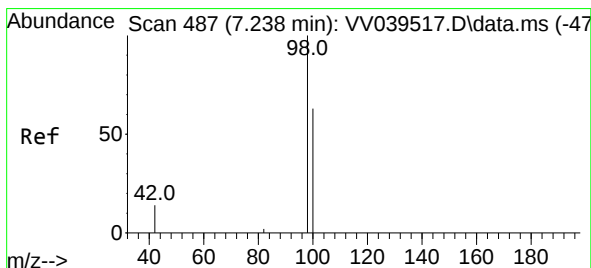
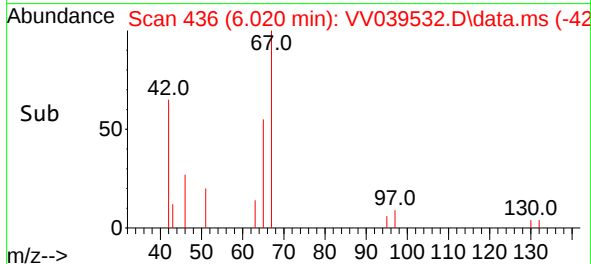
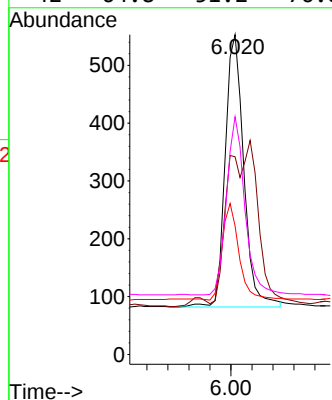
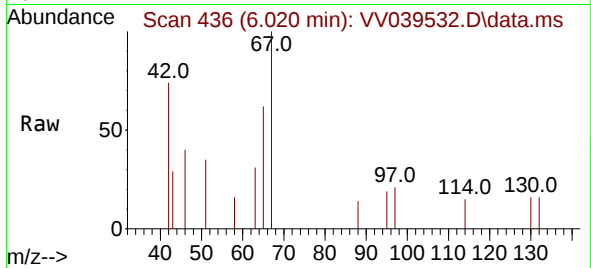




#7
1,2-Dichloropropane-d6
Concen: 0.489 ug/L
RT: 6.020 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

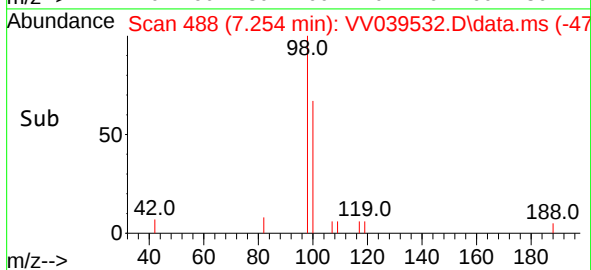
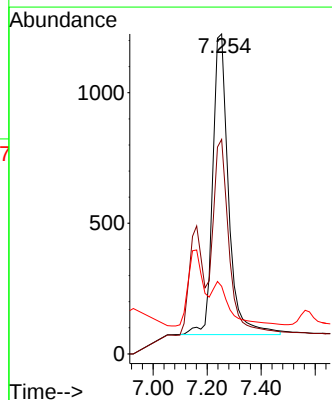
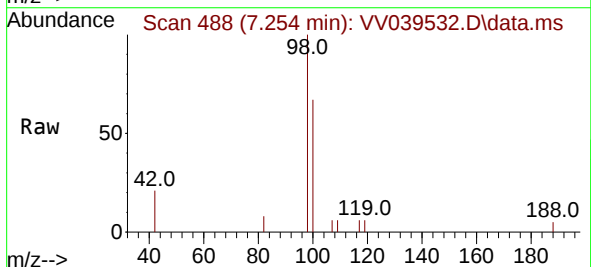
Instrument :
MSVOA_V
ClientSampleId :

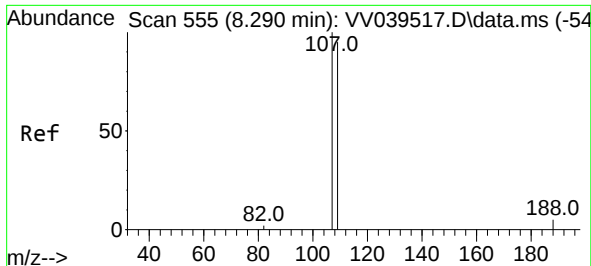
Tgt Ion: 67	Resp: 2893
Ion Ratio	Lower Upper
67 100	
65 47.0	37.9 56.9
46 31.3	27.4 41.0
42 64.8	51.2 76.8



#8
Toluene-d8
Concen: 0.472 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

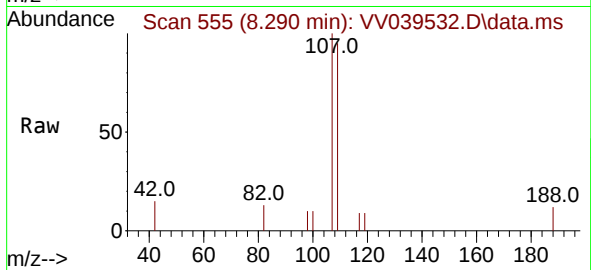
Tgt Ion: 98	Resp: 4704
Ion Ratio	Lower Upper
98 100	
100 64.3	44.5 82.7
42 15.1	10.1 18.7



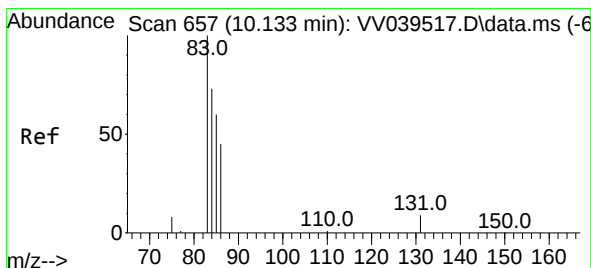
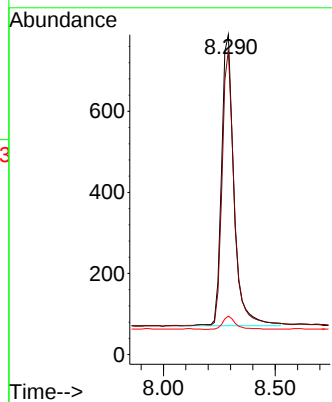
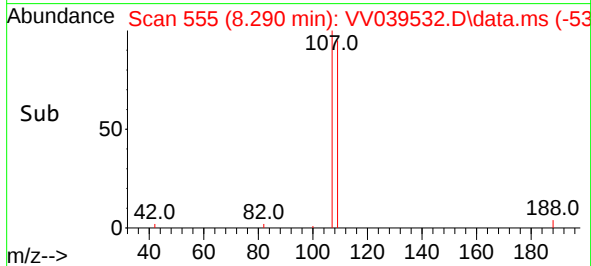


#9
 1,2-Dibromoethane
 Concen: 0.482 ug/L
 RT: 8.290 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VV039532.D
 Acq: 10 Dec 2025 15:47

Instrument :
 MSVOA_V
 ClientSampleId :

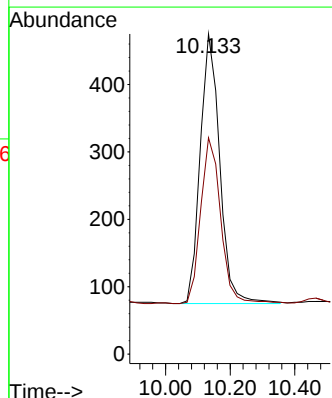
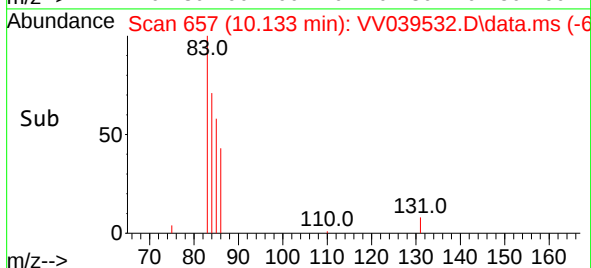
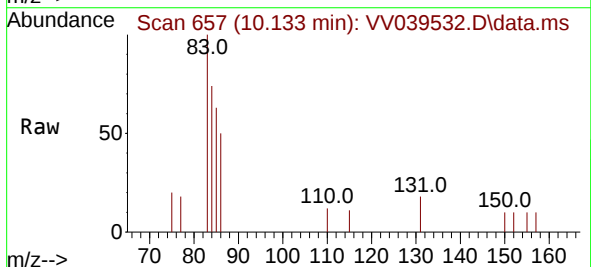


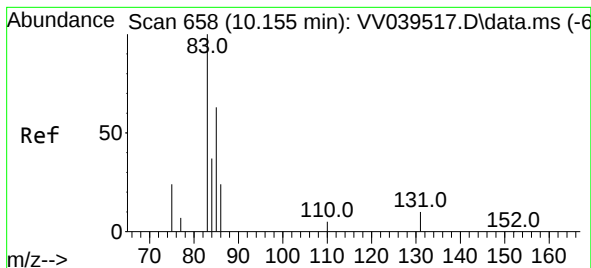
Tgt Ion:107 Resp: 2769
 Ion Ratio Lower Upper
 107 100
 109 95.2 67.4 125.2
 188 12.0 9.4 14.0



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.506 ug/L
 RT: 10.133 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VV039532.D
 Acq: 10 Dec 2025 15:47

Tgt Ion: 84 Resp: 1686
 Ion Ratio Lower Upper
 84 100
 86 62.8 44.4 82.5

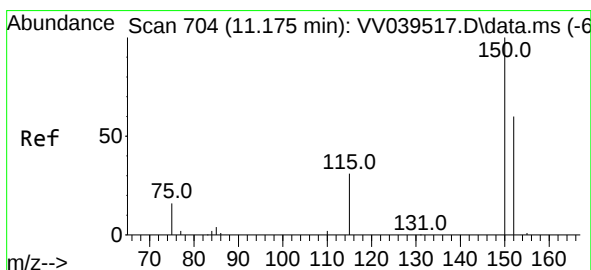
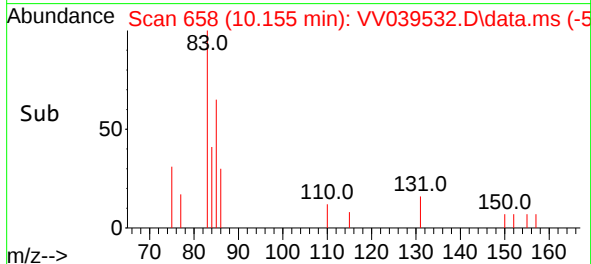
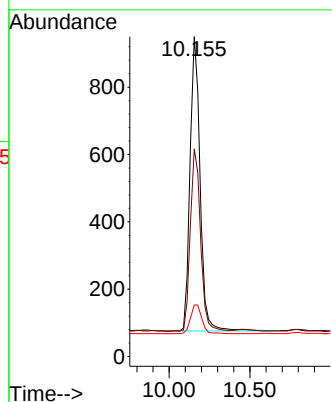
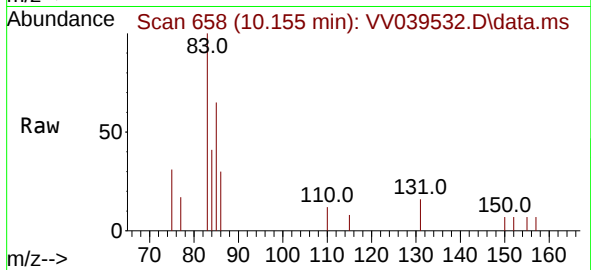




#11
1,1,2-Tetrachloroethane
Concen: 0.538 ug/L
RT: 10.155 min Scan# 611
Delta R.T. 0.000 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

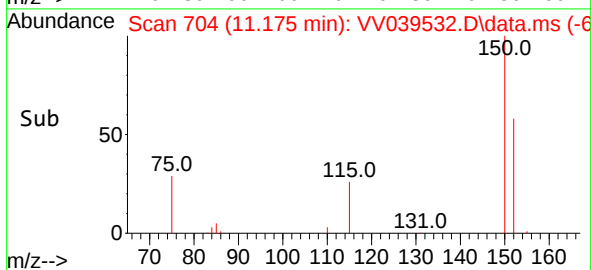
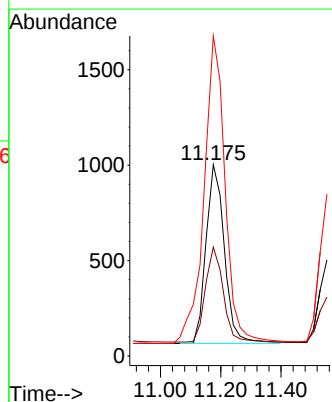
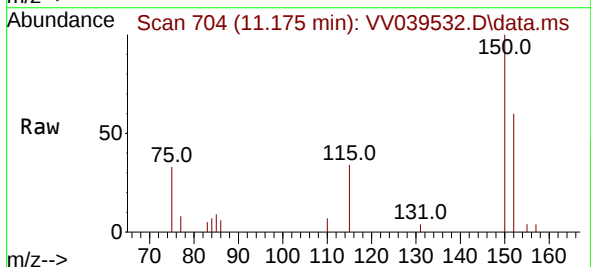
Instrument :
MSVOA_V
ClientSampleId :

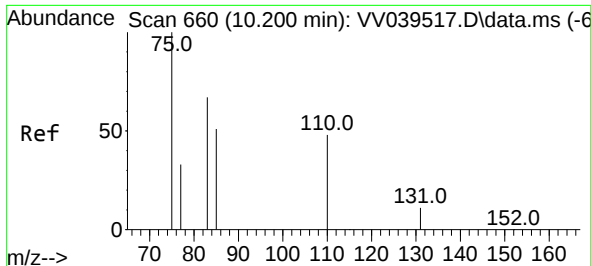
Tgt Ion: 83 Resp: 3786
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.6
131 21.8 8.6 12.8#



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

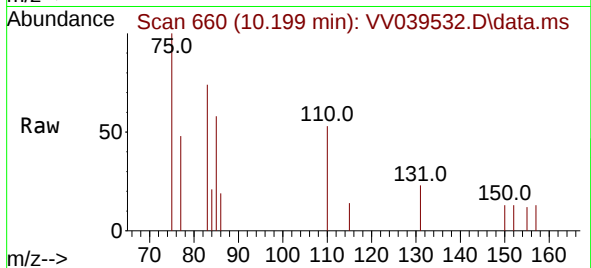
Tgt Ion: 152 Resp: 3980
Ion Ratio Lower Upper
152 100
115 51.1 0.0 101.6
150 197.2 0.0 396.2



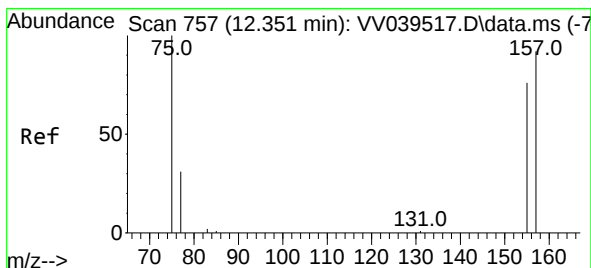
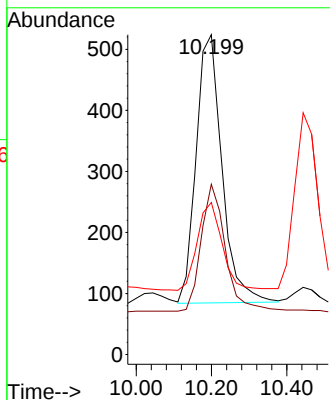
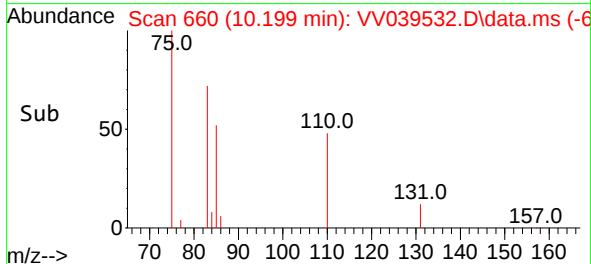


#13
1,2,3-Trichloropropane
Concen: 0.515 ug/L
RT: 10.199 min Scan# 660
Delta R.T. 0.000 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75	Resp: 2097
Ion Ratio	Lower Upper
75 100	
110 44.2	37.8 56.6
77 30.9	25.6 38.4



#14
1,2-Dibromo-3-chloropropane
Concen: 0.492 ug/L
RT: 12.351 min Scan# 757
Delta R.T. -0.000 min
Lab File: VV039532.D
Acq: 10 Dec 2025 15:47

Tgt Ion: 75	Resp: 417
Ion Ratio	Lower Upper
75 100	
157 85.1	67.8 101.6
155 75.3	61.9 92.9

