

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039451.D
 Acq On : 03 Dec 2025 12:56
 Operator : SY/MD
 Sample : VSTDICV0.5
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV275

Quant Time: Dec 04 01:09:33 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)

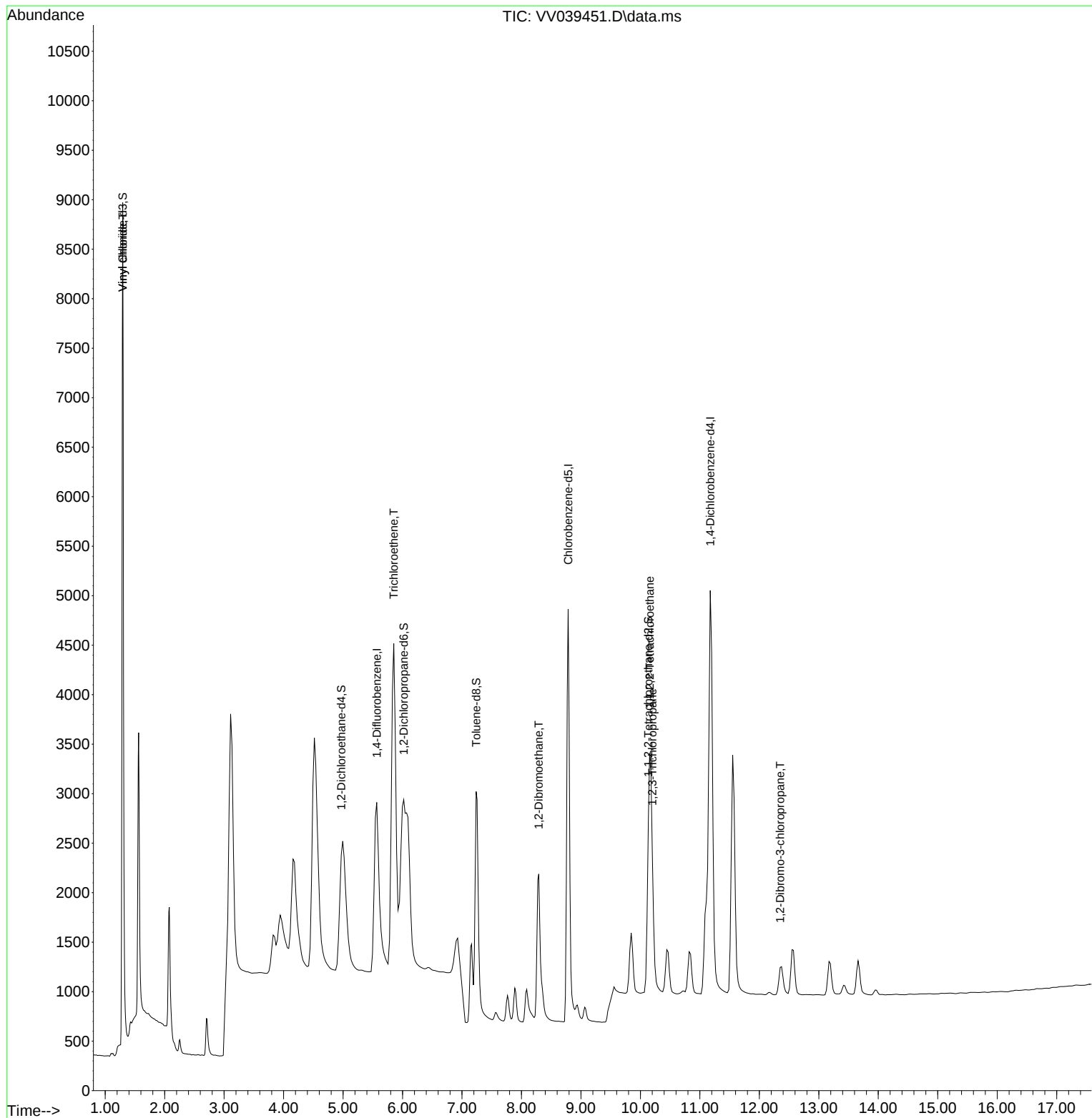
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7813	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7688	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4312	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3791	0.483	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	96.000%		
4) 1,2-Dichloroethane-d4	4.970	65	2285	0.439	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	88.000%		
7) 1,2-Dichloropropane-d6	6.020	67	3324	0.512	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery =	102.000%		
8) Toluene-d8	7.238	98	5292	0.484	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	96.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1798	0.492	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	98.000%		
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	7743	0.458	ug/L	100
6) Trichloroethene	5.853	95	4974	0.522	ug/L	98
9) 1,2-Dibromoethane	8.290	107	2895	0.460	ug/L	100
11) 1,1,2,2-Tetrachloroethane	10.155	83	3795	0.492	ug/L	99
13) 1,2,3-Trichloropropane	10.200	75	2193	0.483	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.351	75	438	0.477	ug/L	99

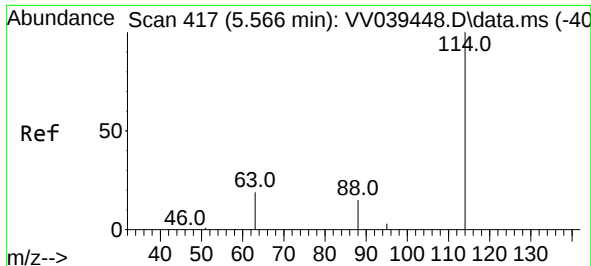
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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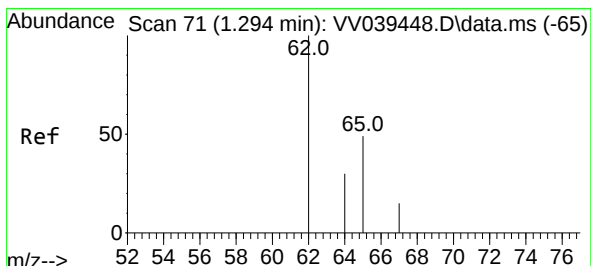
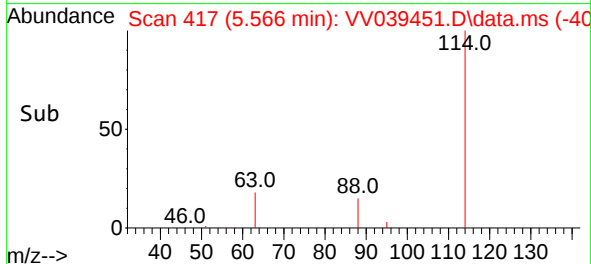
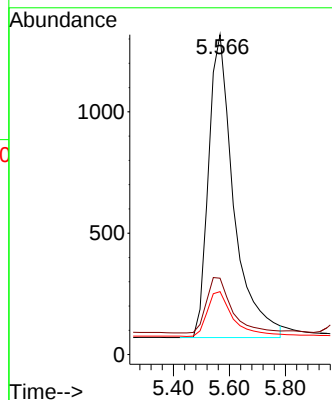
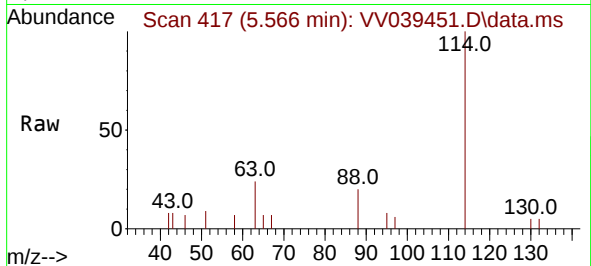




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV039451.D
 Acq: 03 Dec 2025 12:56

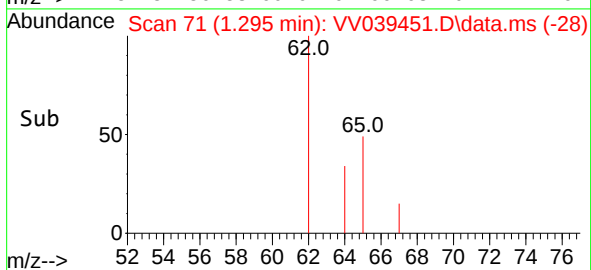
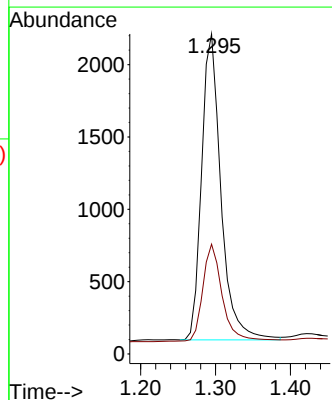
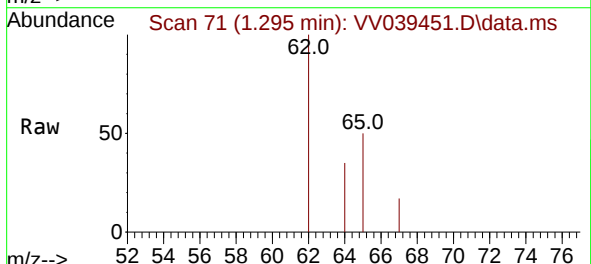
Instrument :
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 ClientSampleId :
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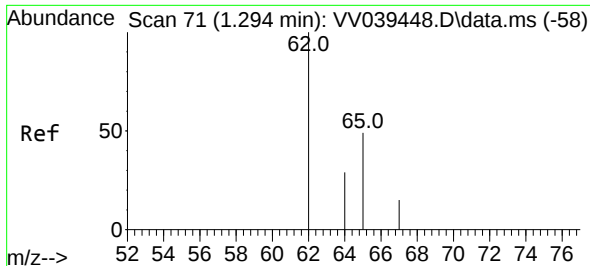
Tgt Ion:	114	Resp:	7813
Ion	Ratio	Lower	Upper
114	100		
63	18.4	15.0	22.4
88	15.0	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.483 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039451.D
 Acq: 03 Dec 2025 12:56

Tgt Ion:	65	Resp:	3791
Ion	Ratio	Lower	Upper
65	100		
67	32.8	22.3	41.5

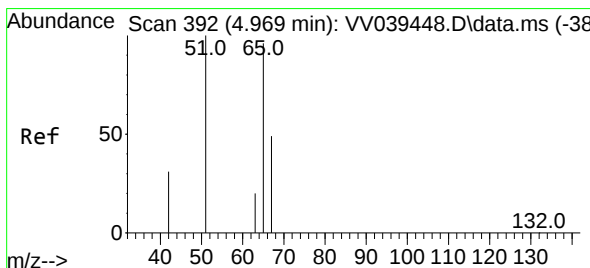
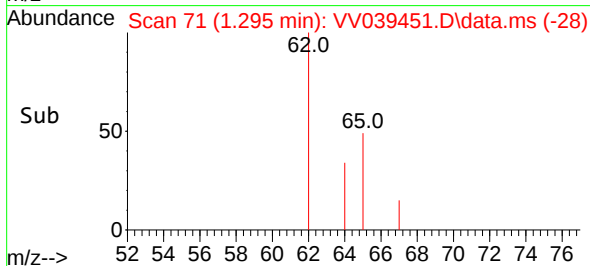
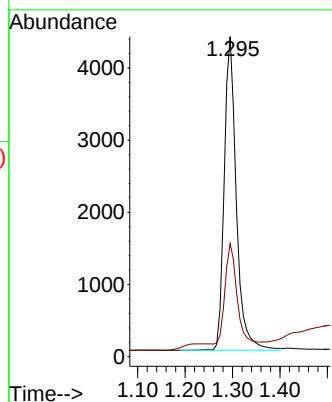
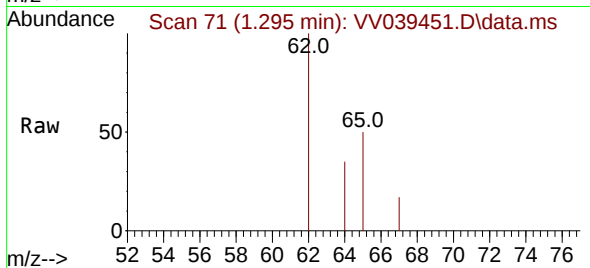




#3
 Vinyl chloride
 Concen: 0.458 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039451.D
 Acq: 03 Dec 2025 12:56

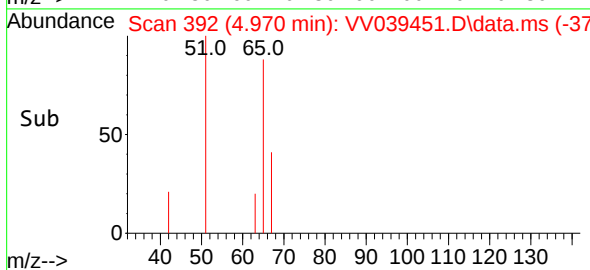
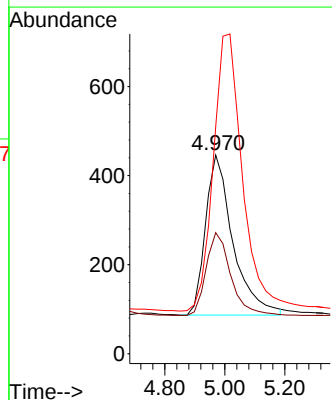
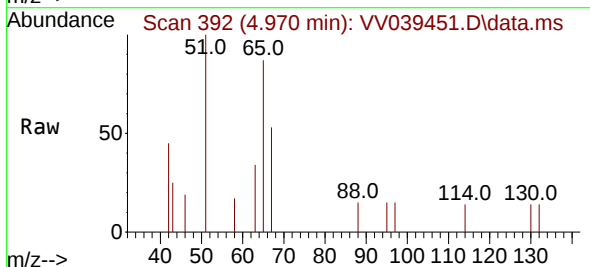
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV275

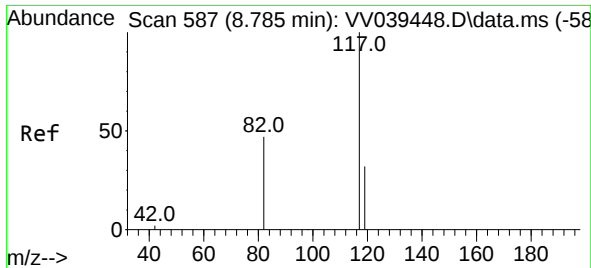
Tgt Ion: 62 Resp: 7743
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.8 46.0



#4
 1,2-Dichloroethane-d4
 Concen: 0.439 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.001 min
 Lab File: VV039451.D
 Acq: 03 Dec 2025 12:56

Tgt Ion: 65 Resp: 2285
 Ion Ratio Lower Upper
 65 100
 67 46.4 32.5 60.3
 51 183.0 121.4 225.6

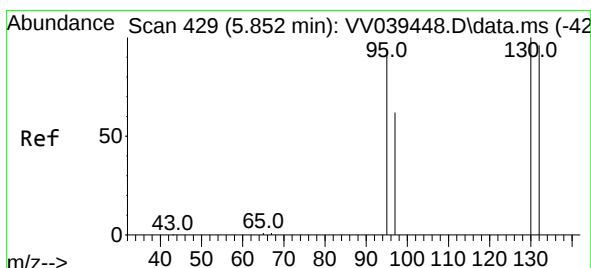
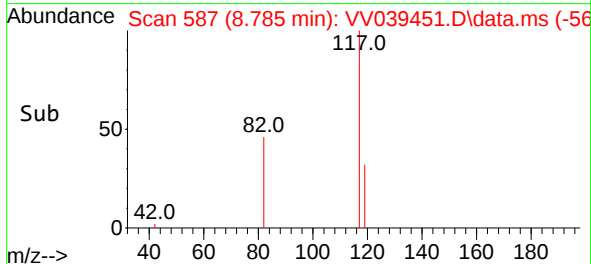
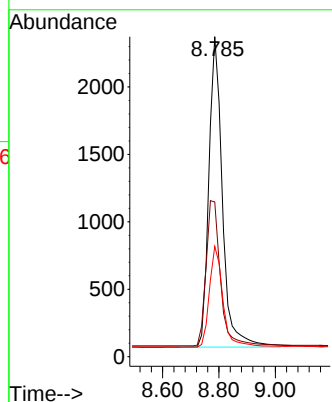
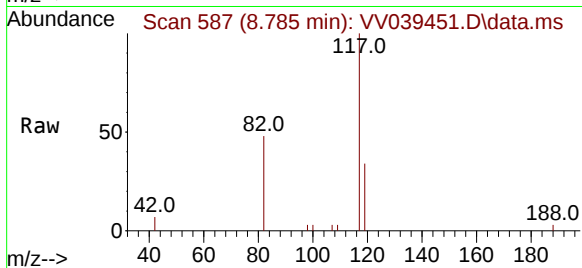




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039451.D
Acq: 03 Dec 2025 12:56

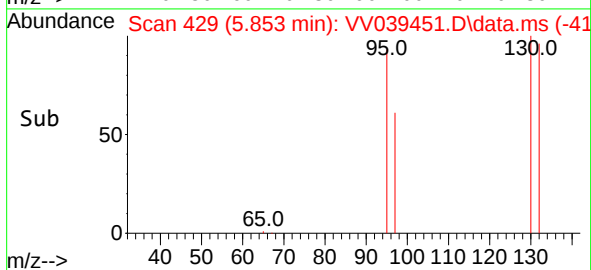
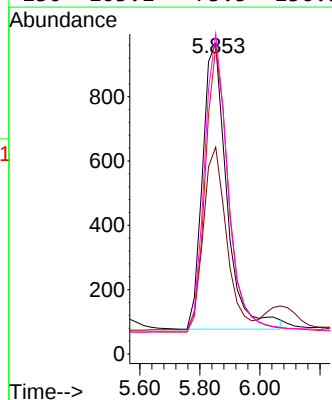
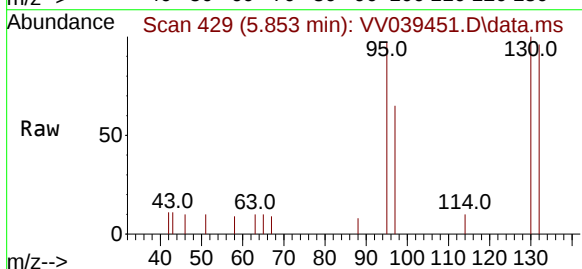
Instrument :
MSVOA_V
ClientSampleId :
VICV275

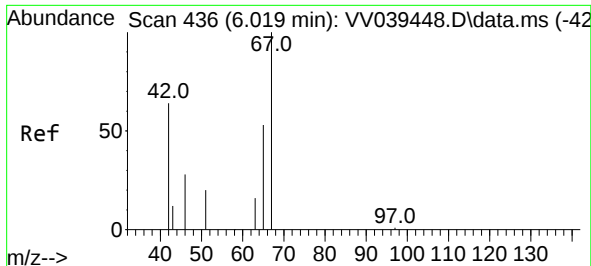
Tgt Ion:	117	Resp:	7688
Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.4	59.2
119	32.7	26.2	39.2



#6
Trichloroethene
Concen: 0.522 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039451.D
Acq: 03 Dec 2025 12:56

Tgt Ion:	95	Resp:	4974
Ion	Ratio	Lower	Upper
95	100		
97	66.6	47.7	88.7
132	98.9	70.8	131.4
130	103.1	73.5	136.5

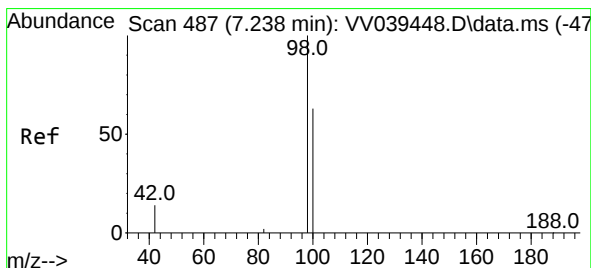
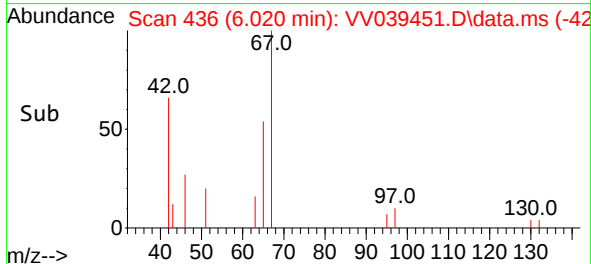
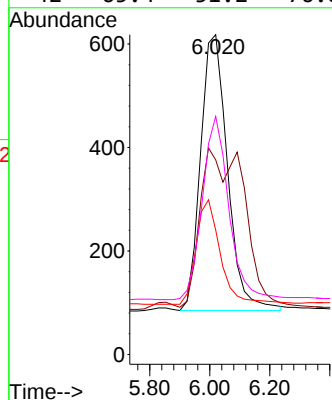
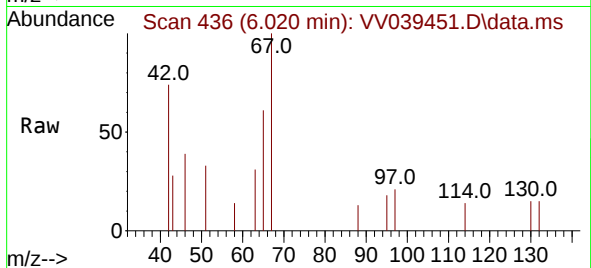




#7
1,2-Dichloropropane-d6
Concen: 0.512 ug/L
RT: 6.020 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039451.D
Acq: 03 Dec 2025 12:56

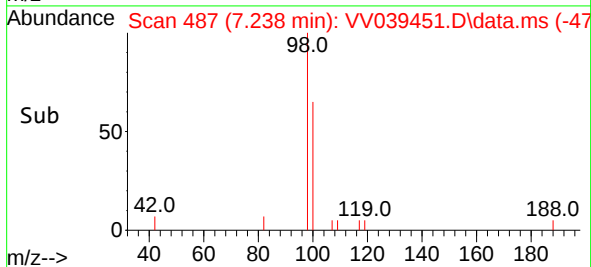
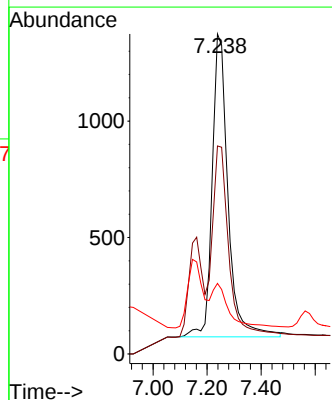
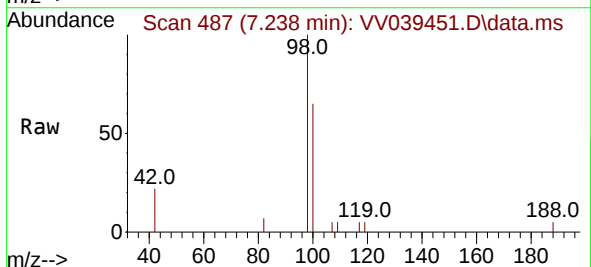
Instrument :
MSVOA_V
ClientSampleId :
VICV275

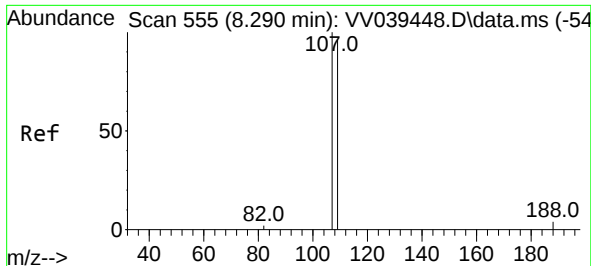
Tgt Ion: 67	Resp: 3324
Ion Ratio	Lower Upper
67 100	
65 49.5	37.9 56.9
46 34.2	27.4 41.0
42 65.4	51.2 76.8



#8
Toluene-d8
Concen: 0.484 ug/L
RT: 7.238 min Scan# 487
Delta R.T. 0.000 min
Lab File: VV039451.D
Acq: 03 Dec 2025 12:56

Tgt Ion: 98	Resp: 5292
Ion Ratio	Lower Upper
98 100	
100 63.0	44.5 82.7
42 14.2	10.1 18.7

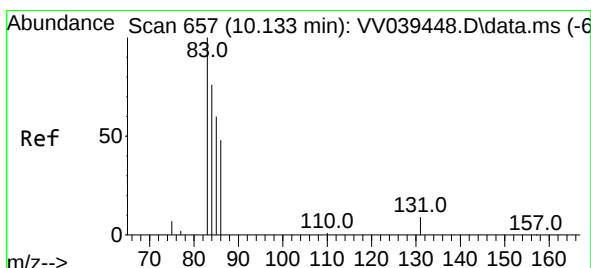
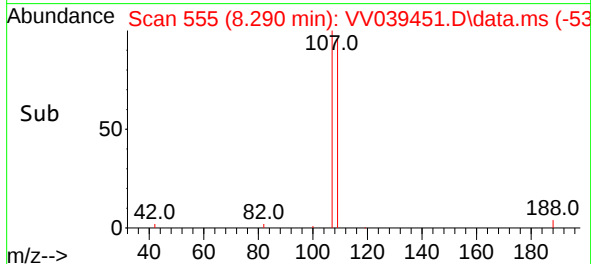
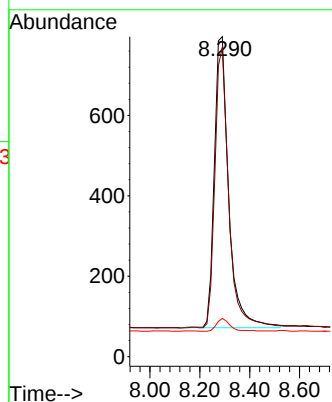
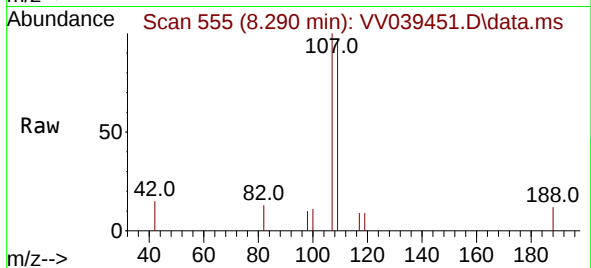




#9
1,2-Dibromoethane
Concen: 0.460 ug/L
RT: 8.290 min Scan# 555
Delta R.T. 0.000 min
Lab File: VV039451.D
Acq: 03 Dec 2025 12:56

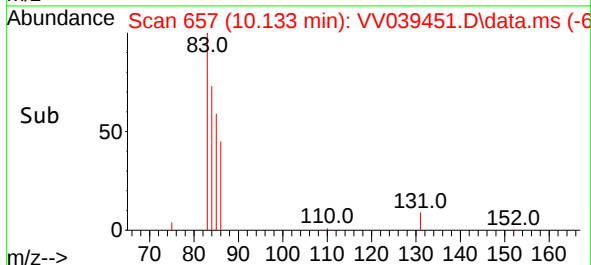
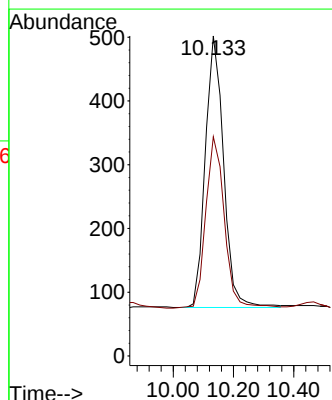
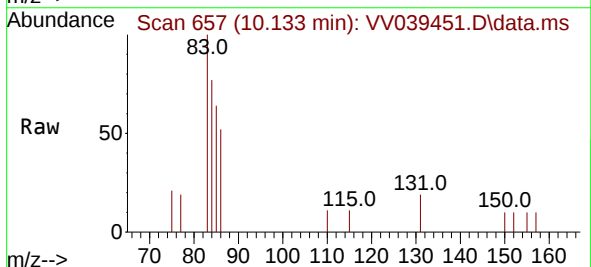
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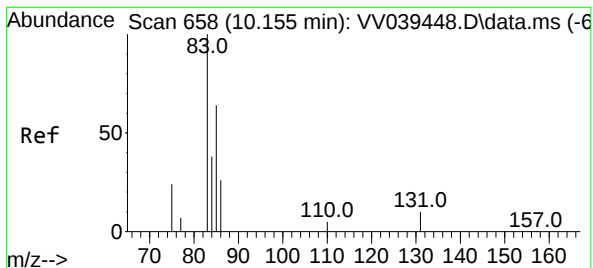
Tgt Ion:	107	Resp:	2895
Ion	Ratio	Lower	Upper
107	100		
109	96.6	67.4	125.2
188	11.9	9.4	14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.492 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039451.D
Acq: 03 Dec 2025 12:56

Tgt Ion:	84	Resp:	1798
Ion	Ratio	Lower	Upper
84	100		
86	64.3	44.4	82.5

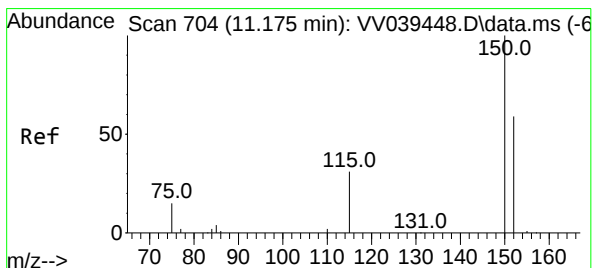
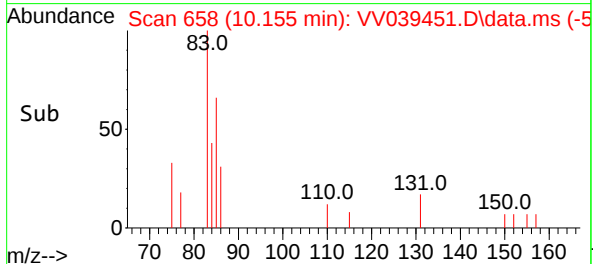
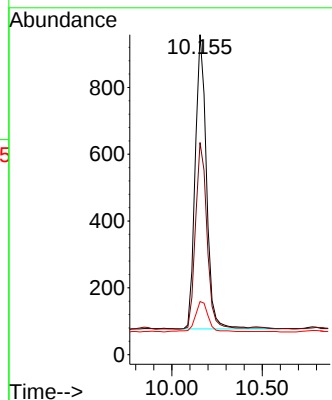
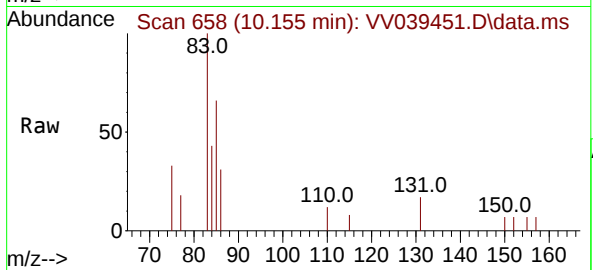




#11
 1,1,2,2-Tetrachloroethane
 Concen: 0.492 ug/L
 RT: 10.155 min Scan# 658
 Delta R.T. 0.000 min
 Lab File: VV039451.D
 Acq: 03 Dec 2025 12:56

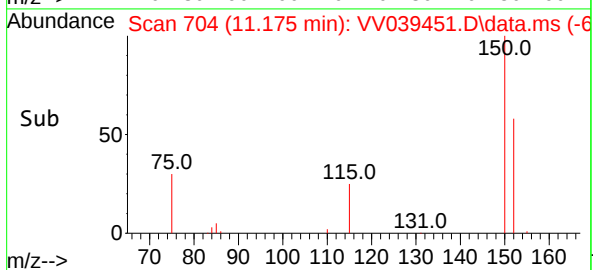
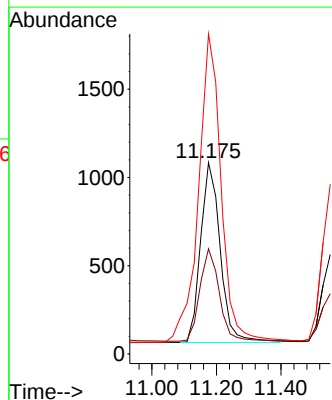
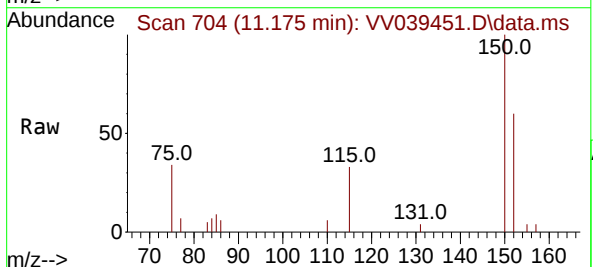
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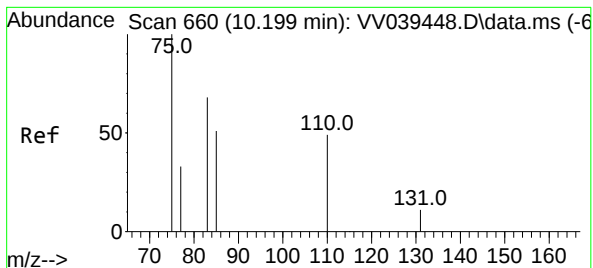
Tgt Ion: 83	Resp:	3795	
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.0	76.6
131	11.2	8.6	12.8



#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.175 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VV039451.D
 Acq: 03 Dec 2025 12:56

Tgt Ion:152	Resp:	4312	
Ion	Ratio	Lower	Upper
152	100		
115	50.6	0.0	101.6
150	198.4	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 0.483 ug/L

RT: 10.200 min Scan# 660

Delta R.T. 0.000 min

Lab File: VV039451.D

Acq: 03 Dec 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

VICV275

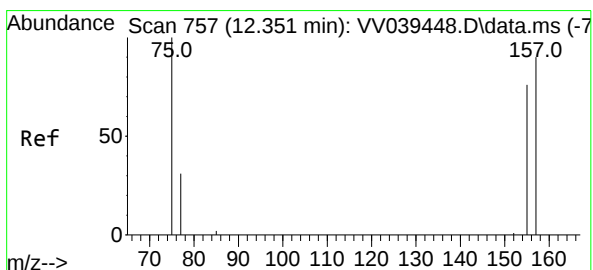
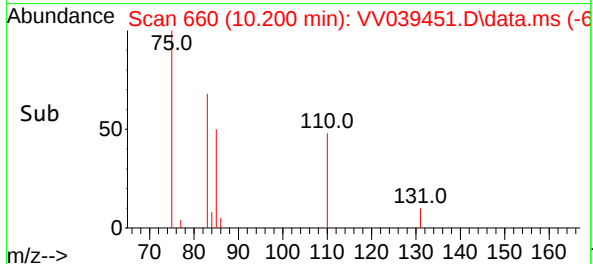
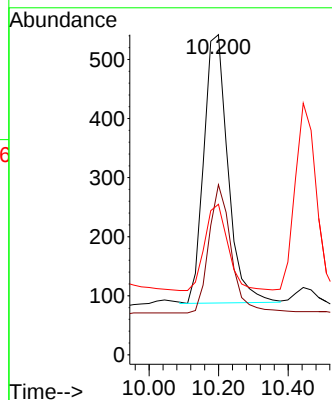
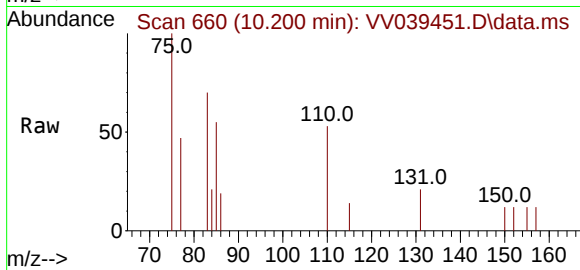
Tgt Ion: 75 Resp: 2193

Ion Ratio Lower Upper

75 100

110 44.3 37.8 56.6

77 31.0 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.477 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039451.D

Acq: 03 Dec 2025 12:56

Tgt Ion: 75 Resp: 438

Ion Ratio Lower Upper

75 100

157 83.1 67.8 101.6

155 76.8 61.9 92.9

