

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038965.D
 Acq On : 19 Aug 2025 14:54
 Operator : SY/MD
 Sample : Q2899-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2025-05

Quant Time: Aug 20 03:39:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM081925.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 20 03:16:00 2025
 Response via : Initial Calibration

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

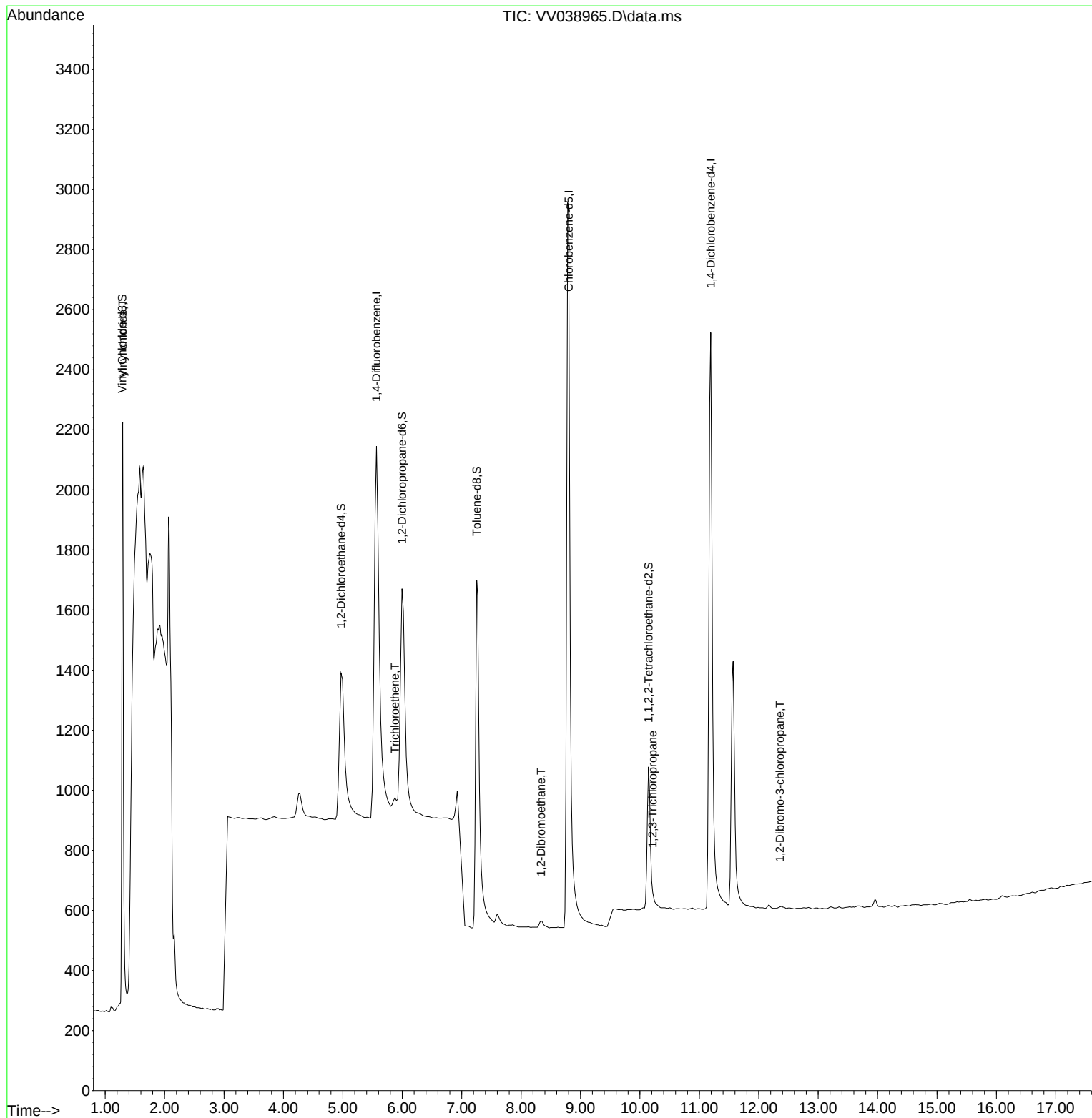
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5319	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5290	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2351	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	2536	0.521	ug/L	0.00
Spiked Amount	0.500	Range 40 - 130	Recovery	=	104.000%	
4) 1,2-Dichloroethane-d4	4.969	65	1323	0.463	ug/L	0.00
Spiked Amount	0.500	Range 70 - 130	Recovery	=	92.000%	
7) 1,2-Dichloropropane-d6	5.995	67	1566	0.537	ug/L	0.00
Spiked Amount	0.500	Range 60 - 140	Recovery	=	108.000%	
8) Toluene-d8	7.253	98	3016	0.461	ug/L	0.00
Spiked Amount	0.500	Range 70 - 130	Recovery	=	92.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1122	0.542	ug/L	0.00
Spiked Amount	0.500	Range 65 - 120	Recovery	=	108.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	171	0.018	ug/L #	14
6) Trichloroethene	5.876	95	73	0.016	ug/L #	90
9) 1,2-Dibromoethane	8.336	107	48	0.017	ug/L #	69
12) 1,2,3-Trichloropropane	10.214	75	57	0.024	ug/L #	81
13) 1,2-Dibromo-3-chloropr...	12.357	75	19	0.034	ug/L	96

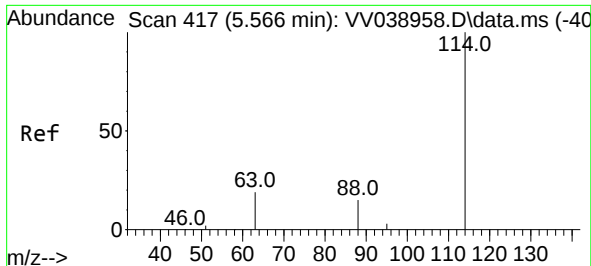
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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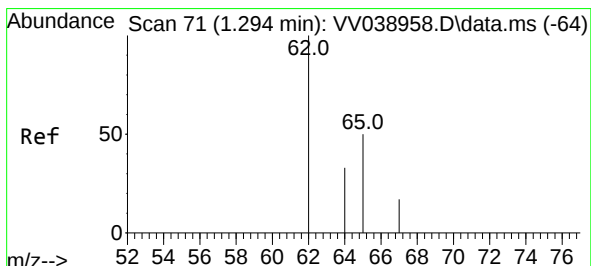
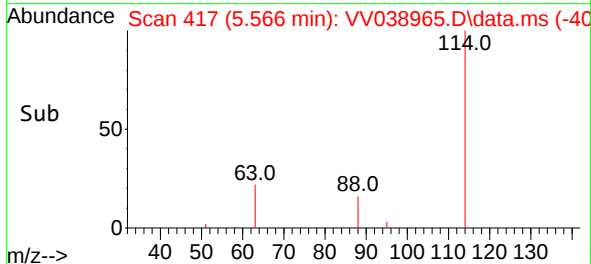
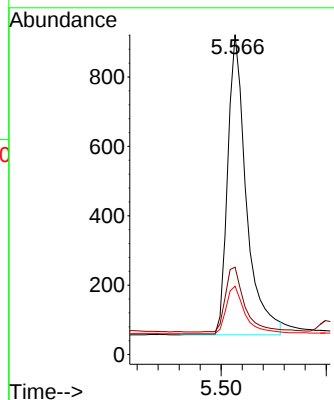
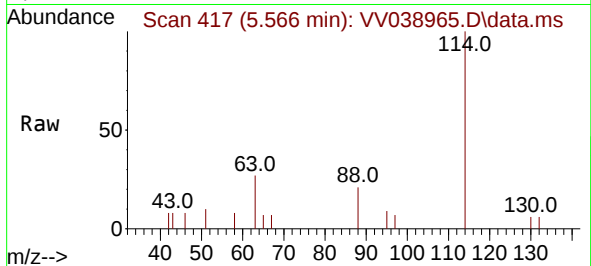




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV038965.D
 Acq: 19 Aug 2025 14:54

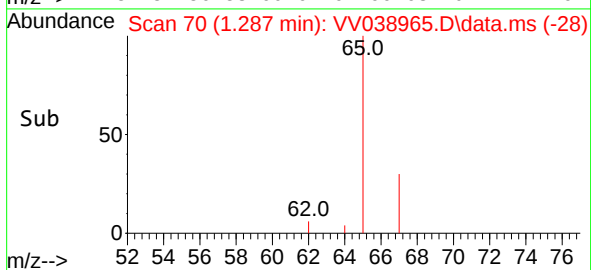
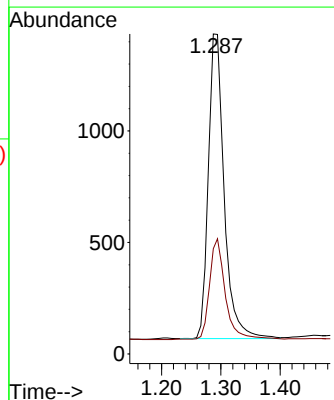
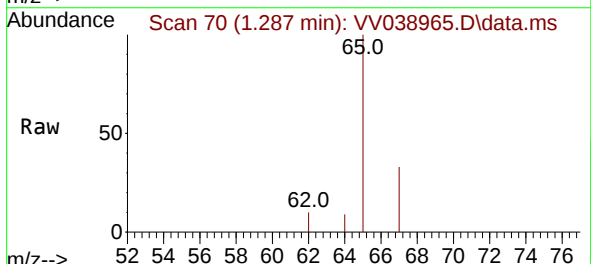
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2025-05

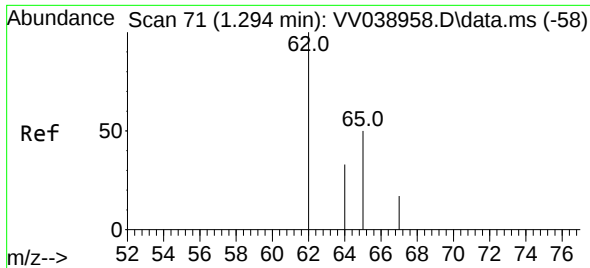
Tgt Ion:	114	Resp:	5319
Ion	Ratio	Lower	Upper
114	100		
63	22.0	16.0	24.0
88	15.9	12.3	18.5



#2
 Vinyl Chloride-d3
 Concen: 0.521 ug/L
 RT: 1.287 min Scan# 70
 Delta R.T. -0.007 min
 Lab File: VV038965.D
 Acq: 19 Aug 2025 14:54

Tgt Ion:	65	Resp:	2536
Ion	Ratio	Lower	Upper
65	100		
67	33.1	23.4	43.4

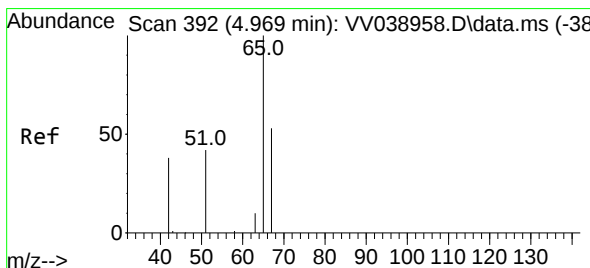
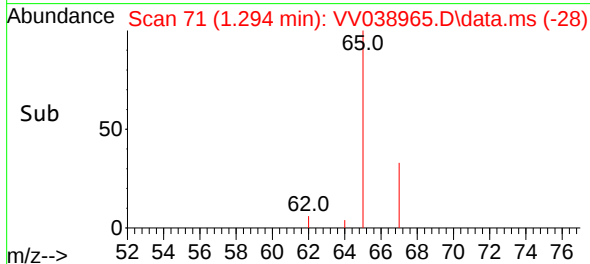
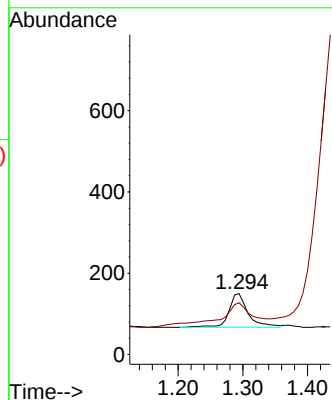
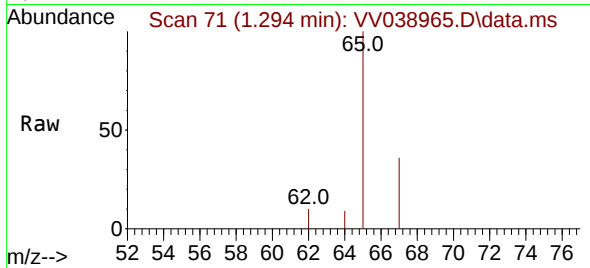




#3
Vinyl chloride
Concen: 0.018 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

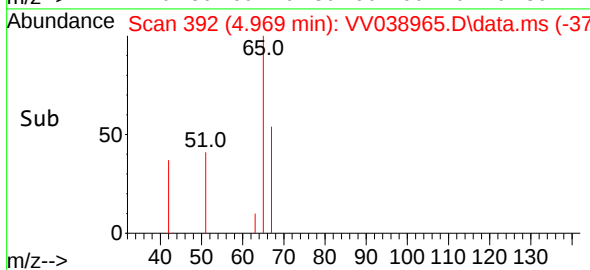
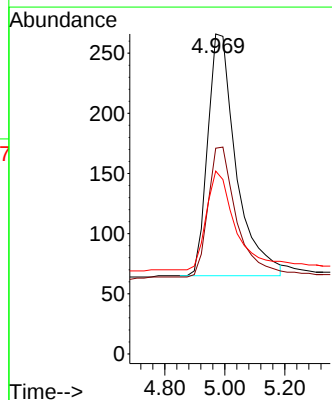
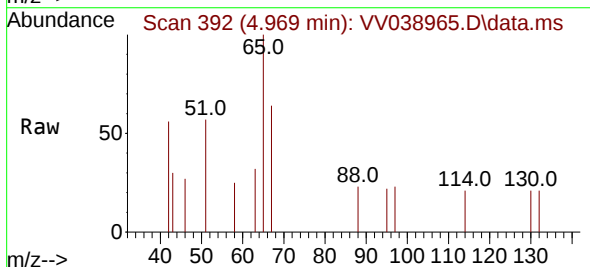
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2025-05

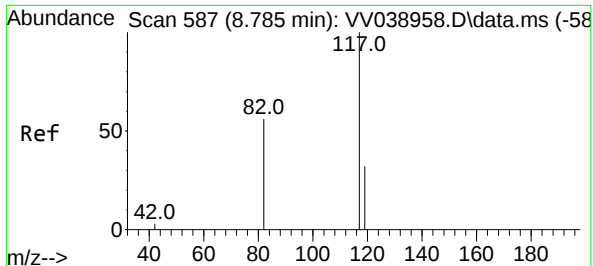
Tgt Ion: 62 Resp: 171
Ion Ratio Lower Upper
62 100
64 84.7 24.4 45.2#



#4
1,2-Dichloroethane-d4
Concen: 0.463 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

Tgt Ion: 65 Resp: 1323
Ion Ratio Lower Upper
65 100
67 55.9 37.2 69.0
51 42.9 33.4 62.0





#5

Chlorobenzene-d5

Concen: 0.500 ug/L

RT: 8.800 min Scan# 51

Delta R.T. 0.016 min

Lab File: VV038965.D

Acq: 19 Aug 2025 14:54

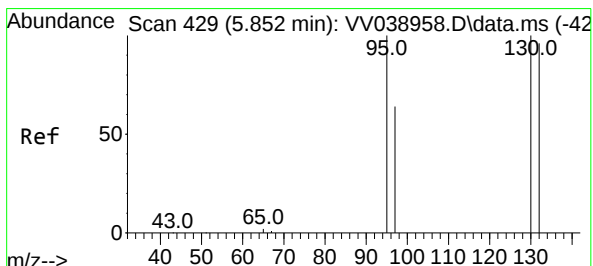
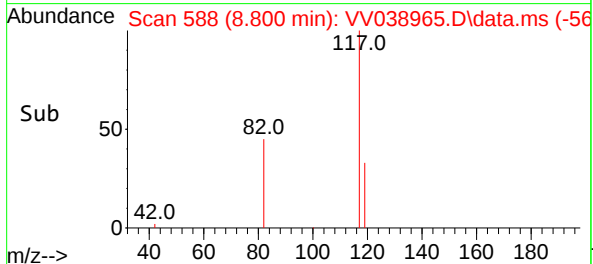
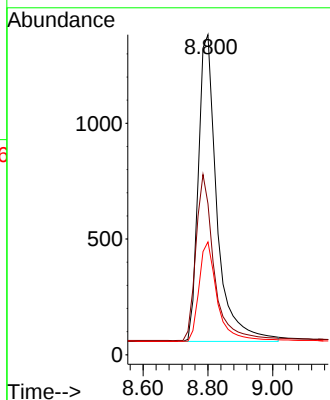
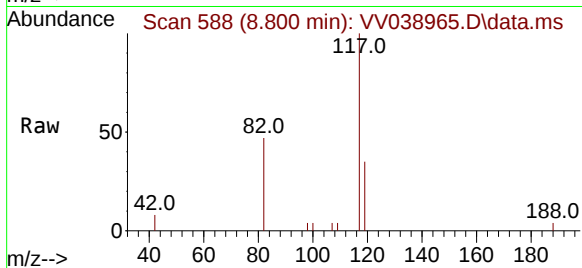
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2025-05

Tgt Ion:	117	Resp:	5290
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.9	64.3
119	32.0	26.4	39.6



#6

Trichloroethene

Concen: 0.016 ug/L

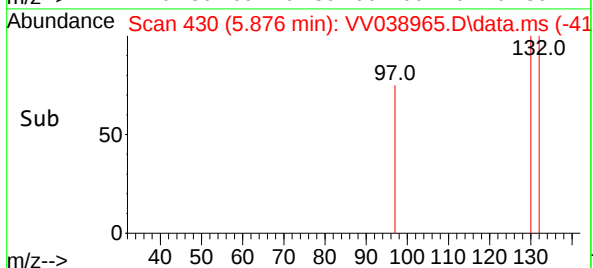
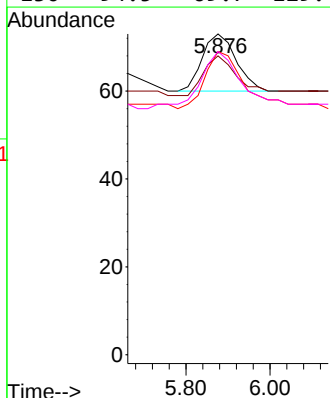
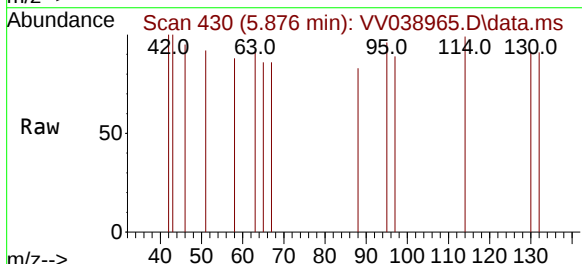
RT: 5.876 min Scan# 430

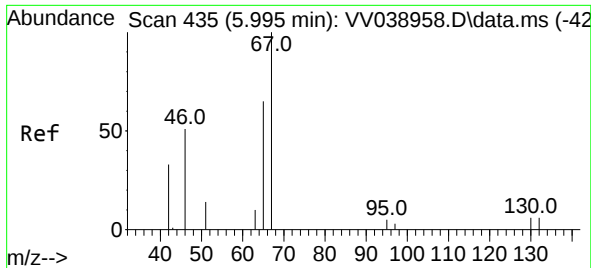
Delta R.T. 0.024 min

Lab File: VV038965.D

Acq: 19 Aug 2025 14:54

Tgt Ion:	95	Resp:	73
Ion	Ratio	Lower	Upper
95	100		
97	93.2	47.5	88.1
132	94.5	66.9	124.3
130	94.5	69.7	129.4

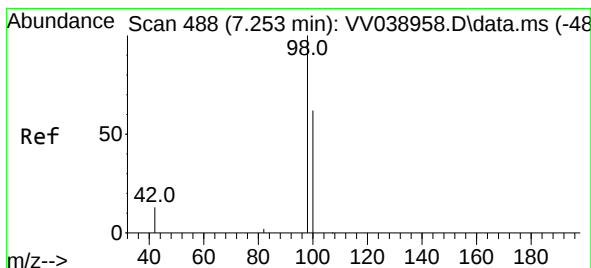
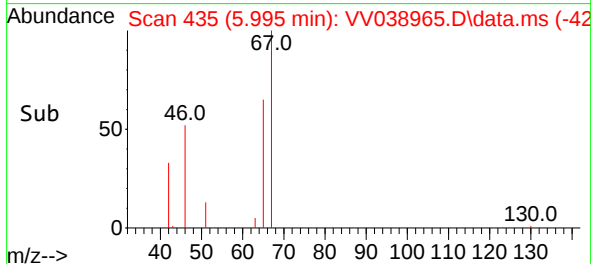
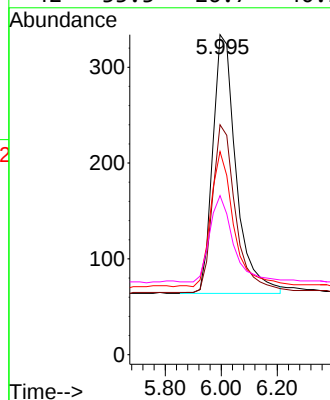
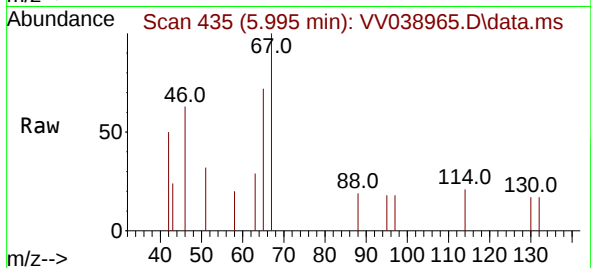




#7
 1,2-Dichloropropane-d6
 Concen: 0.537 ug/L
 RT: 5.995 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV038965.D
 Acq: 19 Aug 2025 14:54

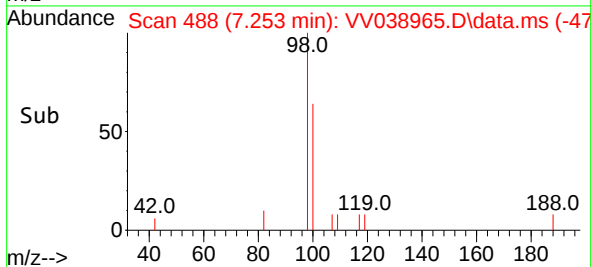
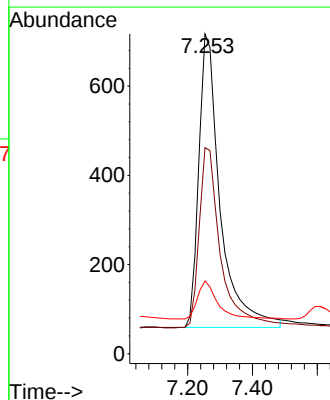
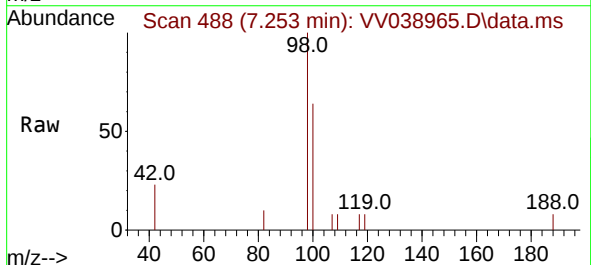
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2025-05

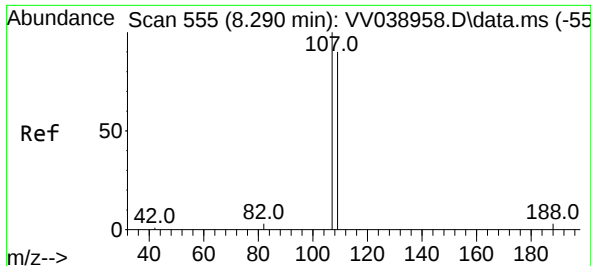
Tgt Ion: 67	Resp:	1566	
Ion	Ratio	Lower	Upper
67	100		
65	64.1	49.8	74.6
46	51.7	41.3	61.9
42	33.3	26.7	40.1



#8
 Toluene-d8
 Concen: 0.461 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038965.D
 Acq: 19 Aug 2025 14:54

Tgt Ion: 98	Resp:	3016	
Ion	Ratio	Lower	Upper
98	100		
100	61.3	43.3	80.3
42	12.2	8.5	15.7

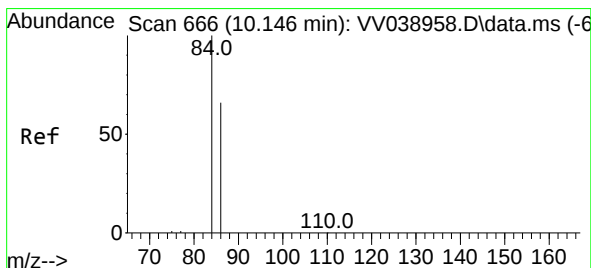
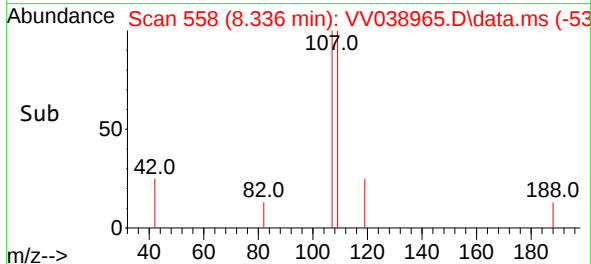
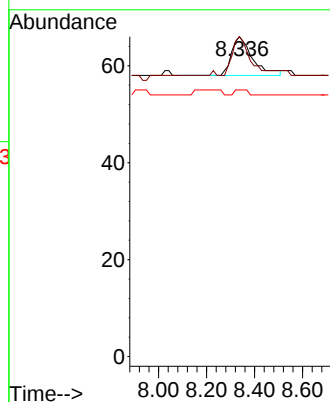
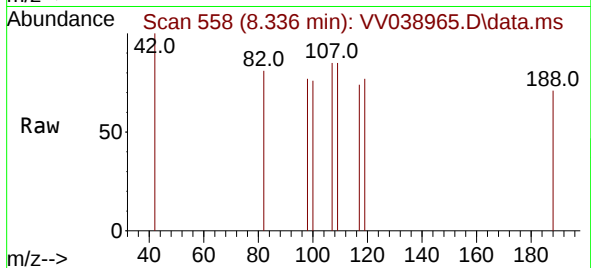




#9
1,2-Dibromoethane
Concen: 0.017 ug/L
RT: 8.336 min Scan# 555
Delta R.T. 0.046 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

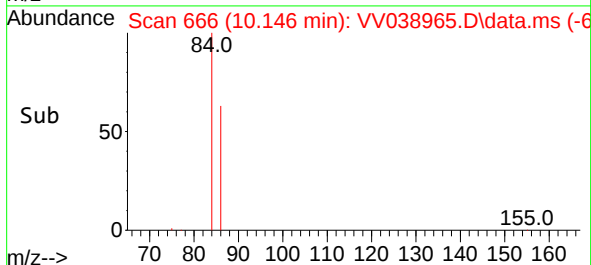
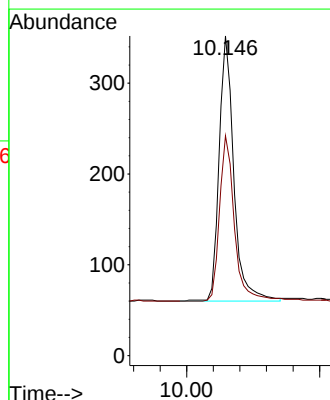
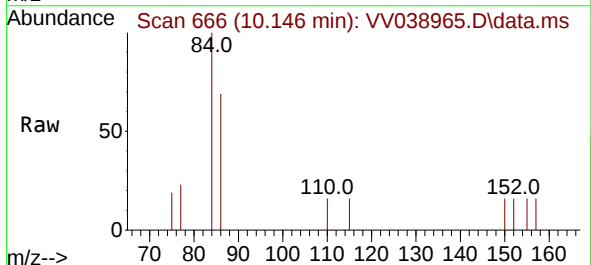
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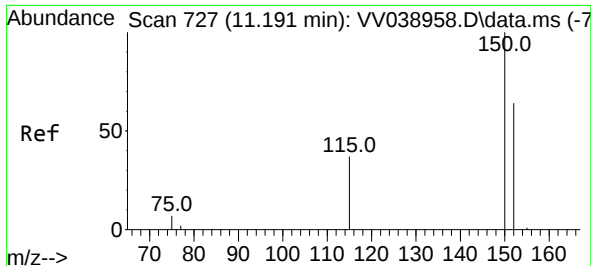
Tgt Ion:107 Resp: 48
Ion Ratio Lower Upper
107 100
109 100.0 64.0 118.8
188 83.3 11.8 17.6#



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.542 ug/L
RT: 10.146 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

Tgt Ion: 84 Resp: 1122
Ion Ratio Lower Upper
84 100
86 63.0 45.6 84.6

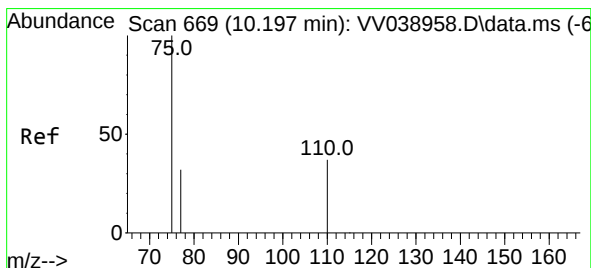
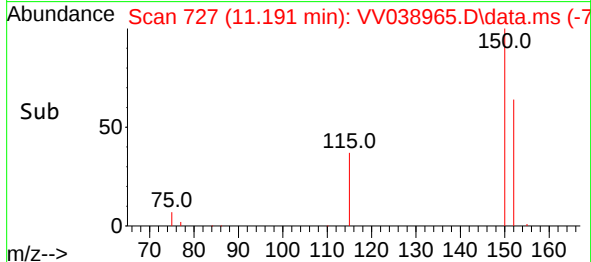
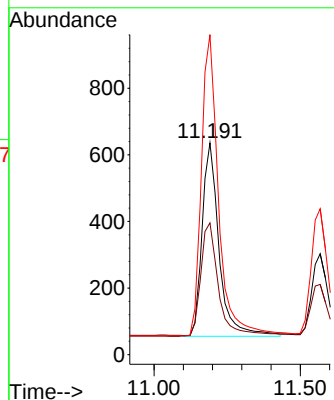
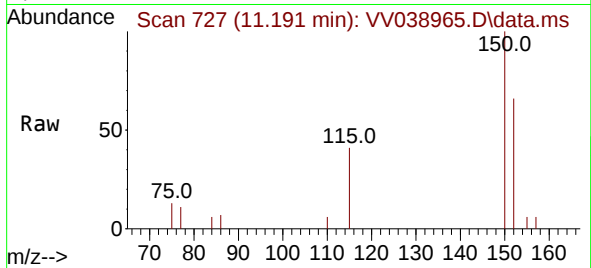




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038965.D
 Acq: 19 Aug 2025 14:54

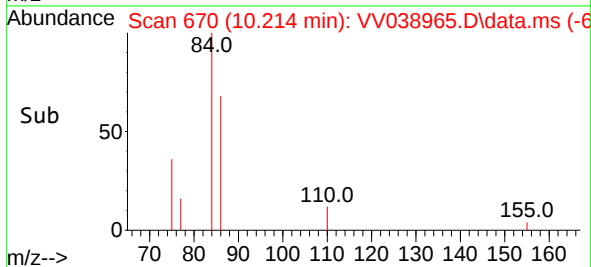
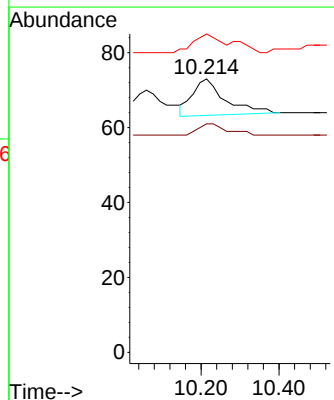
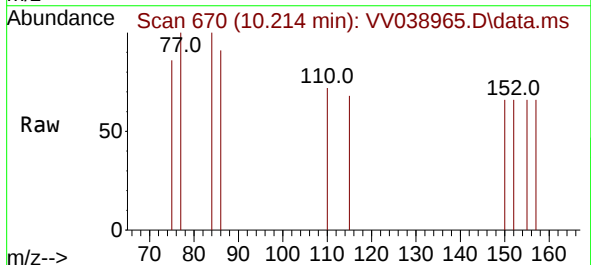
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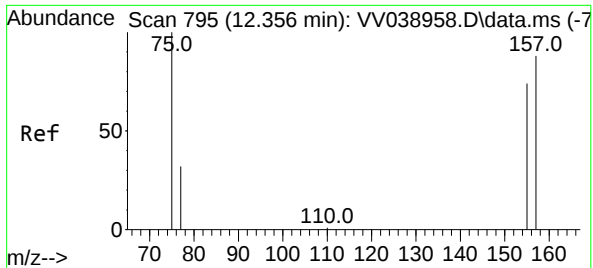
Tgt Ion:	152	Resp:	2351
Ion	Ratio	Lower	Upper
152	100		
115	59.9	0.0	119.6
150	156.4	0.0	318.0



#12
 1,2,3-Trichloropropane
 Concen: 0.024 ug/L
 RT: 10.214 min Scan# 670
 Delta R.T. 0.017 min
 Lab File: VV038965.D
 Acq: 19 Aug 2025 14:54

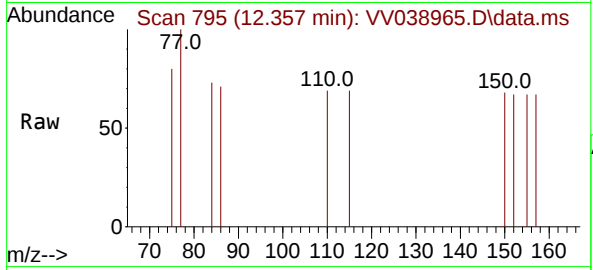
Tgt Ion:	75	Resp:	57
Ion	Ratio	Lower	Upper
75	100		
110	26.3	32.6	48.8#
77	42.1	27.3	40.9#





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.034 ug/L
 RT: 12.357 min Scan# 795
 Delta R.T. 0.001 min
 Lab File: VV038965.D
 Acq: 19 Aug 2025 14:54

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2025-05



Tgt Ion: 75	Resp:	19
Ion	Ratio	Lower Upper
75	100	
157	83.6	69.7 104.5
155	83.6	63.7 95.5

