

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)

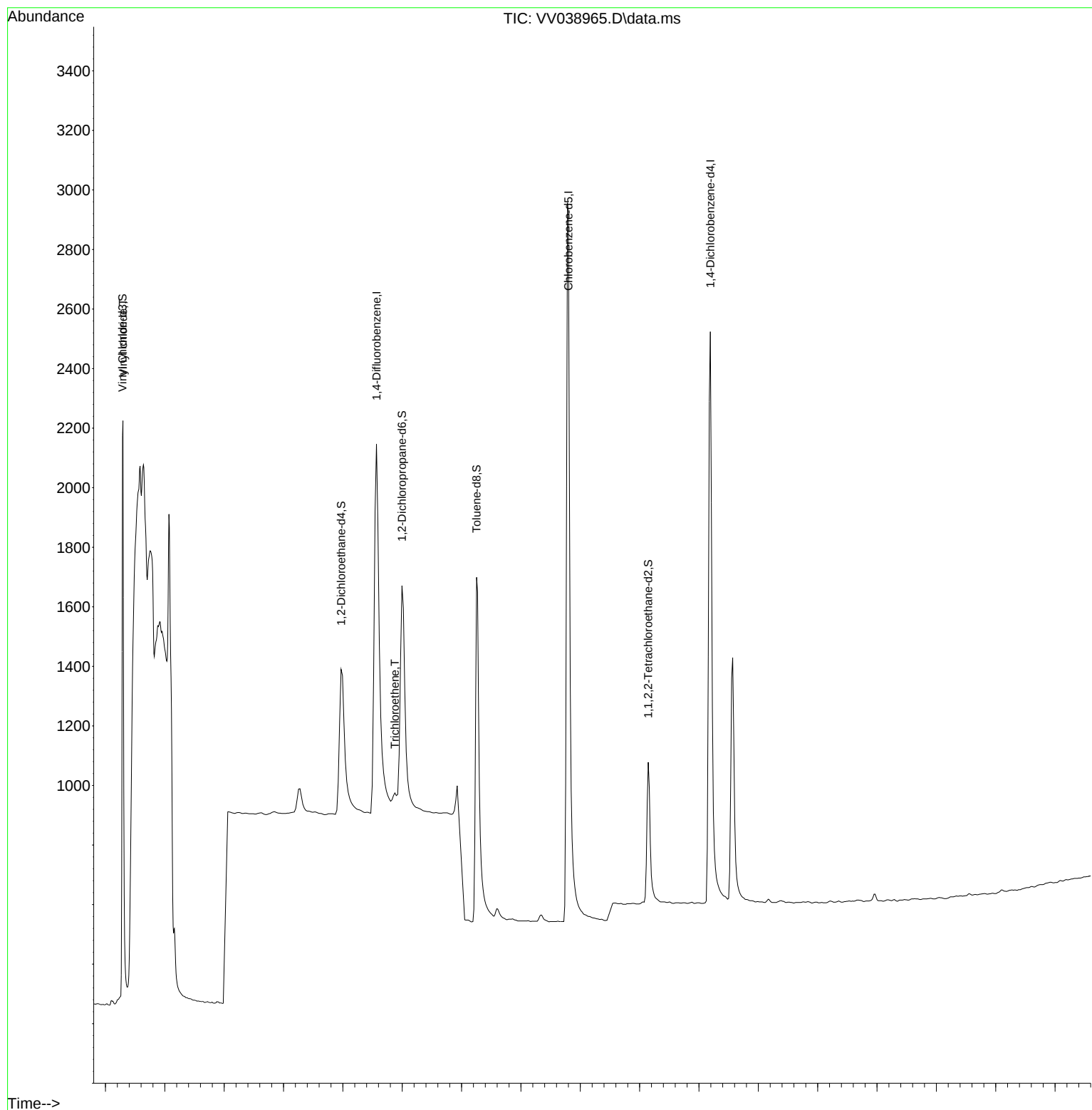
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5319	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5290	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2351	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	2536	0.521	ug/L	0.00
Spiked Amount	0.500	Range	40 - 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
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

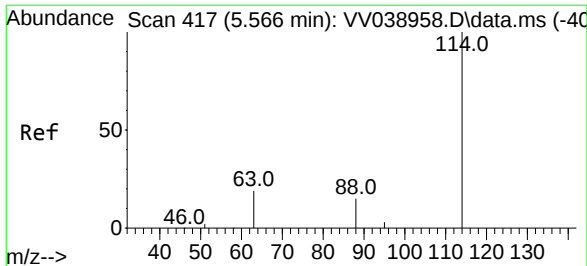
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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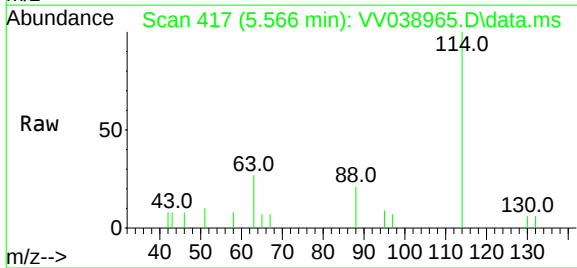
Quant Time: Aug 20 03:39:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM081925.M
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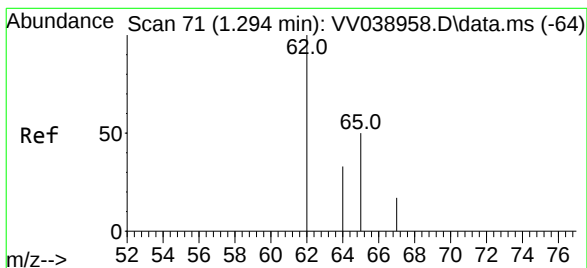
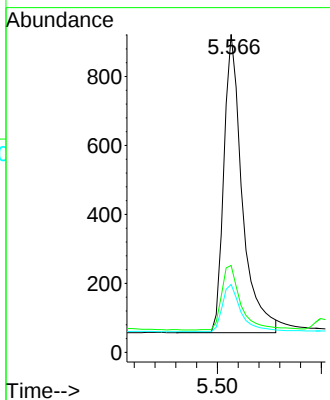
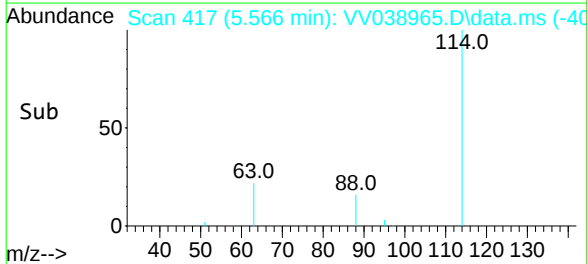


#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VV038965.D
 Acq: 19 Aug 2025 14:54

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

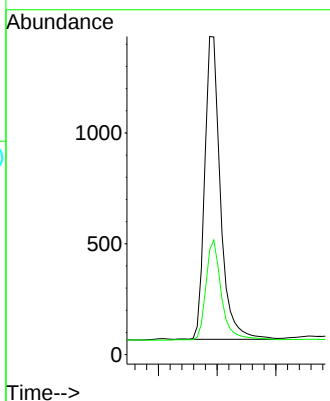
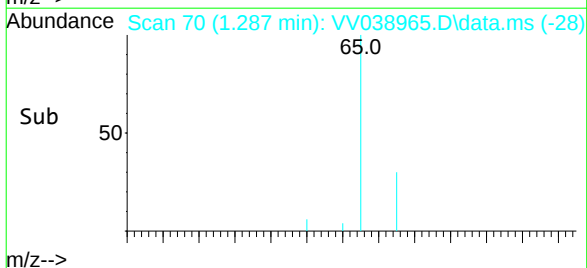
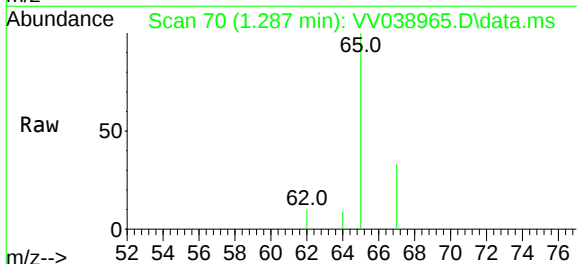


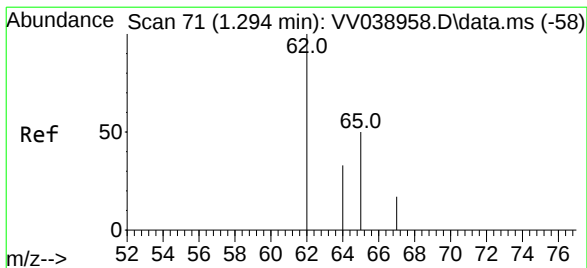
Tgt Ion: 114 Resp: 5319
 Ion Ratio Lower Upper
 114 100
 63 22.0 16.0 24.0
 88 15.9 12.3 18.5



#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 :

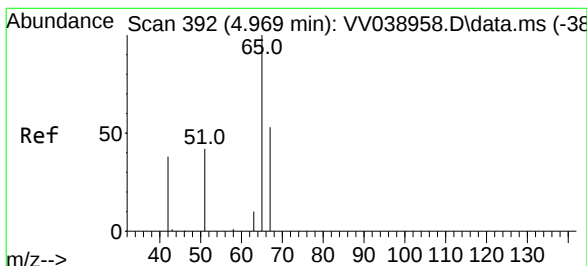
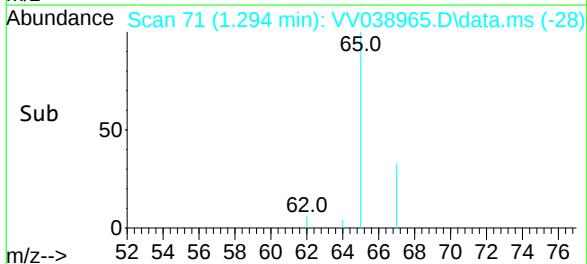
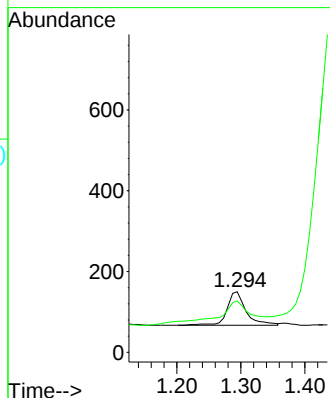
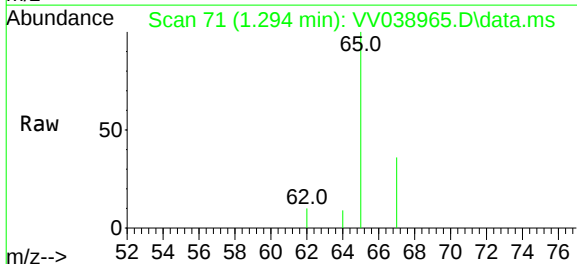
MDL-WATER-QT3-2025-05

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

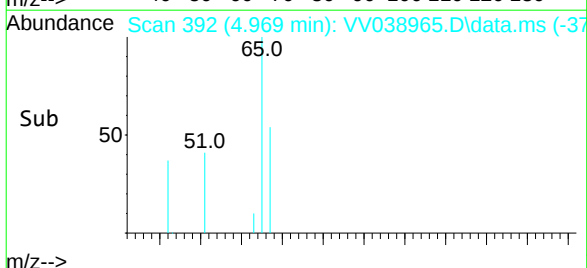
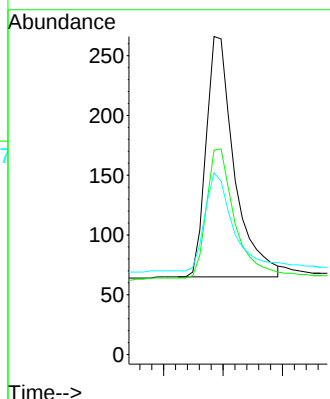
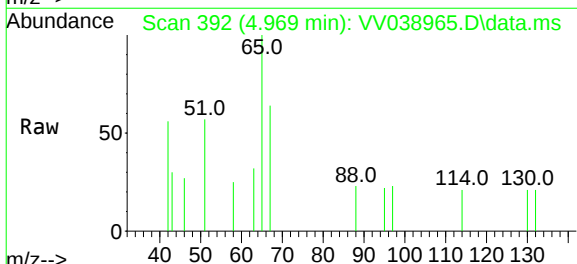
Tgt Ion: 65 Resp: 1323

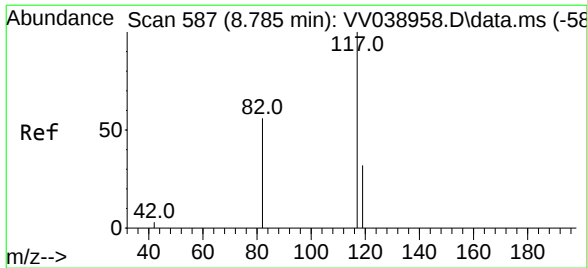
Ion Ratio Lower Upper

65 100

67 55.9 37.2 69.0

51 42.9 33.4 62.0

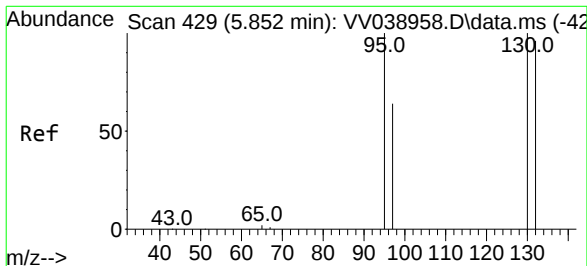
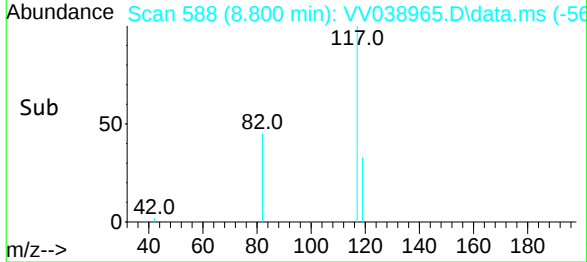
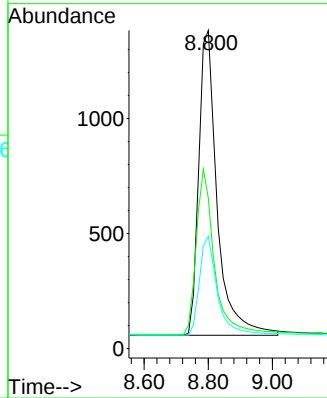
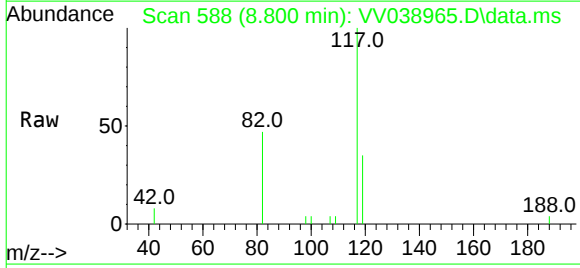




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 58
Delta R.T. 0.016 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

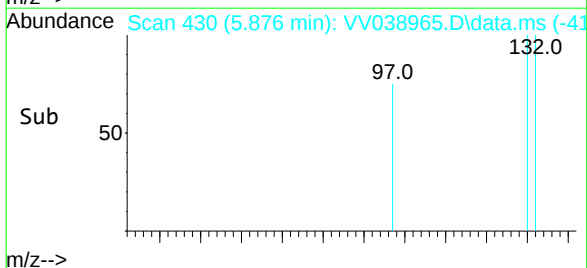
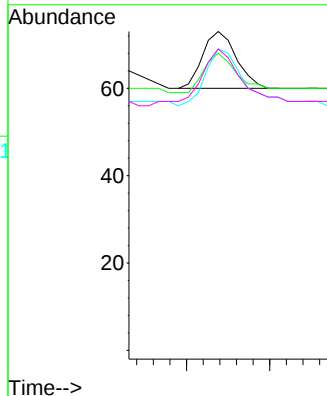
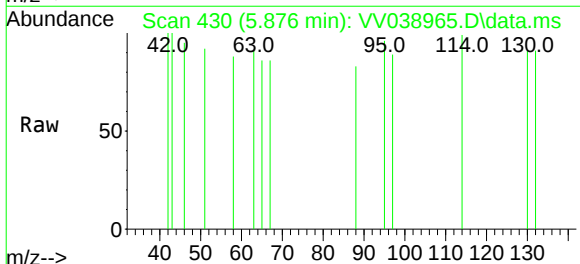
Instrument :
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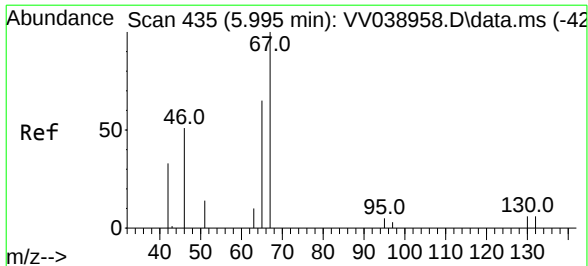
Tgt Ion:	117	Resp:	5290
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.9	64.3
119	32.0	26.4	39.6



#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

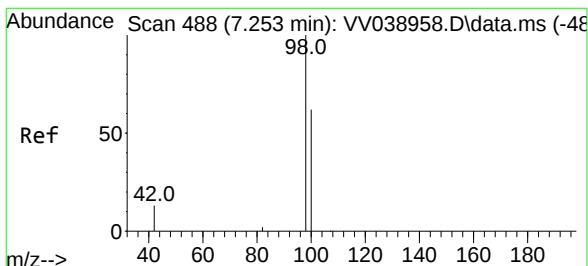
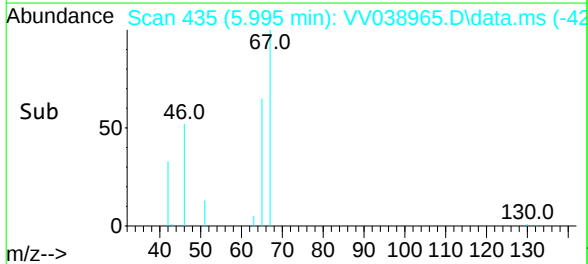
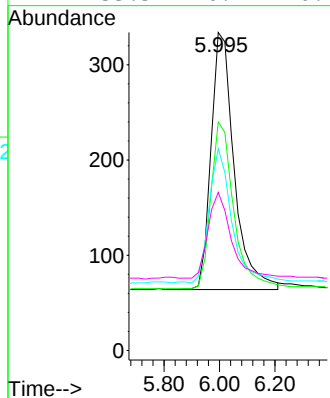
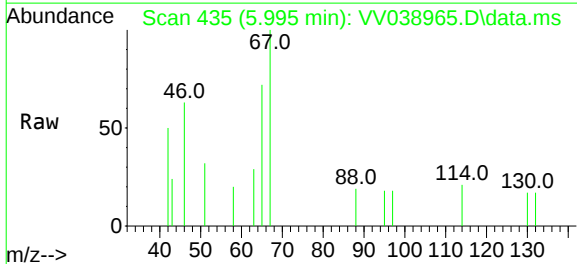




#7
1,2-Dichloropropane-d6
Concen: 0.537 ug/L
RT: 5.995 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

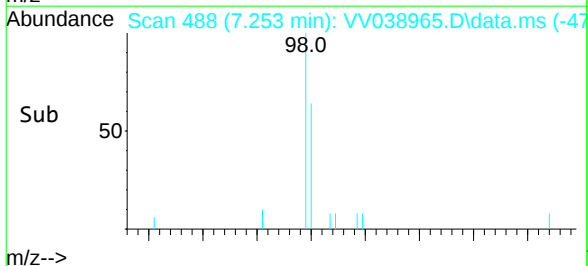
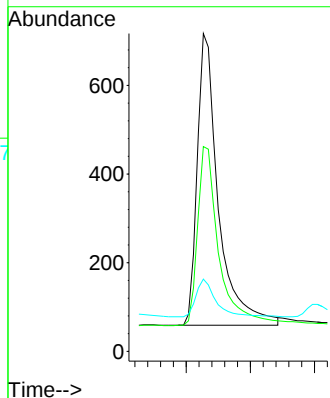
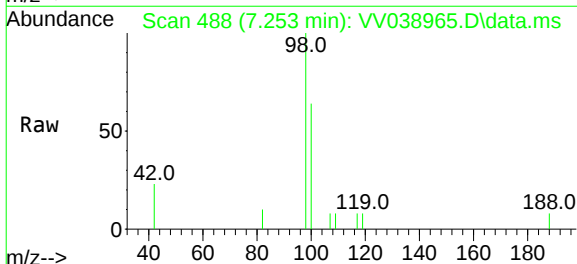
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2025-05

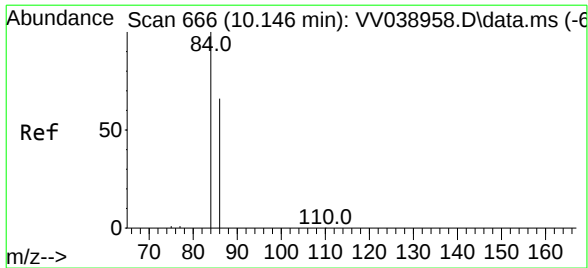
Tgt Ion:	67	Resp:	1566
Ion	Ratio	Lower	Upper
67	100		
65	64.1	49.8	74.6
46	51.7	41.3	61.9
42	33.3	26.7	40.1



#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

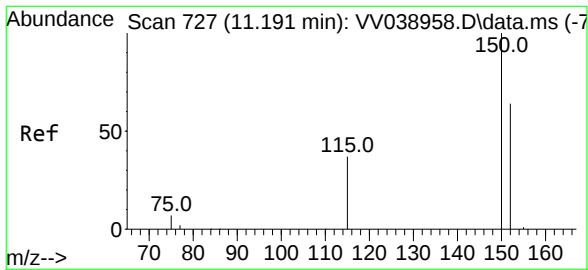
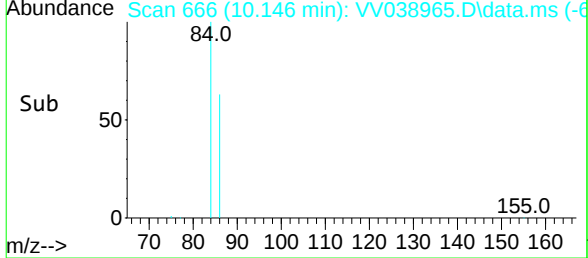
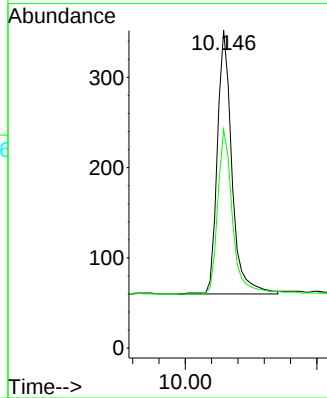
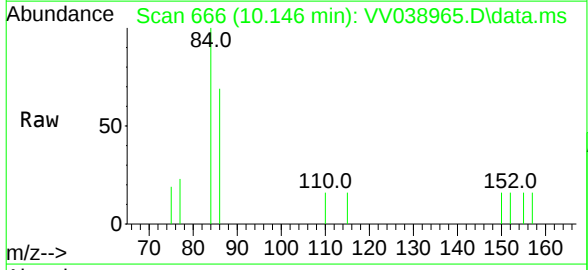




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.542 ug/L
RT: 10.146 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

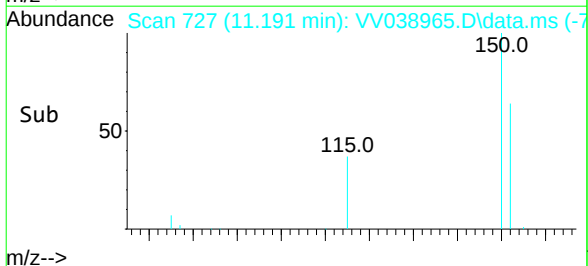
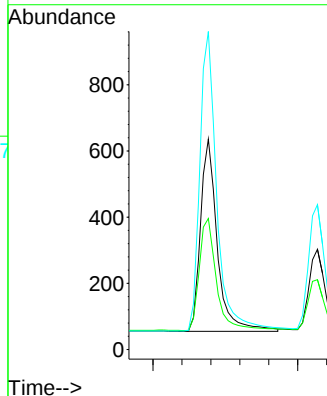
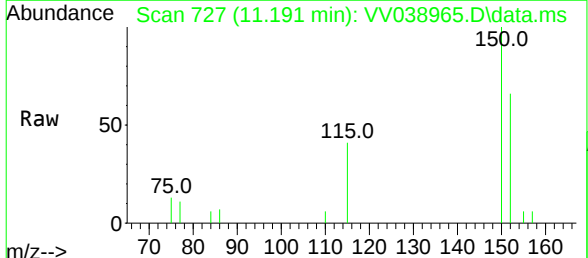
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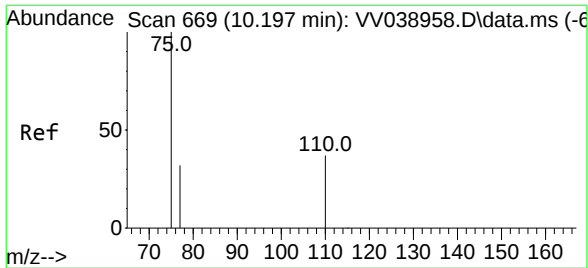
Tgt Ion:	84	Resp:	1122
Ion Ratio	Lower	Upper	
84	100		
86	63.0	45.6	84.6



#11
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.191 min Scan# 727
Delta R.T. 0.000 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

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

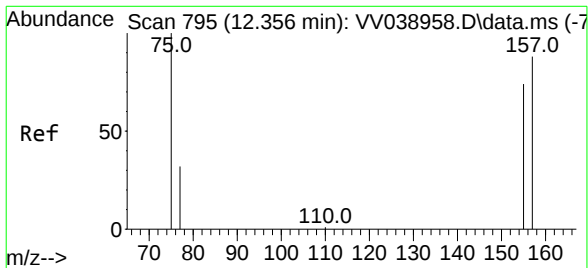
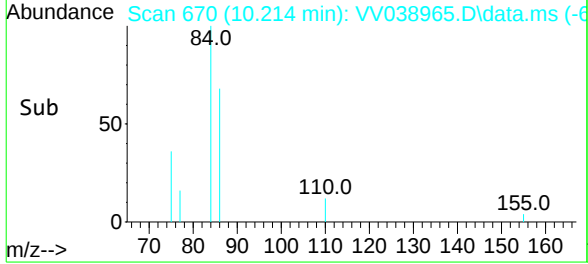
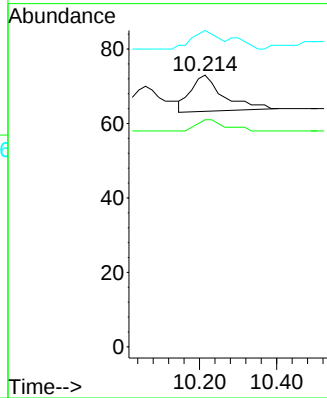
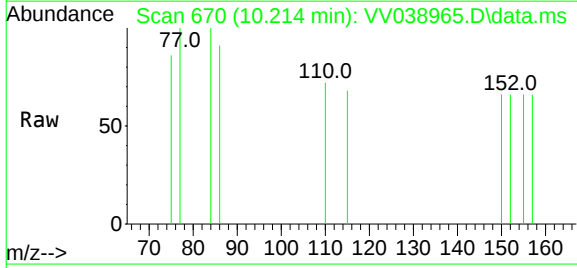




#12
1,2,3-Trichloropropane
Concen: 0.024 ug/L
RT: 10.214 min Scan# 67
Delta R.T. 0.017 min
Lab File: VV038965.D
Acq: 19 Aug 2025 14:54

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

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

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

