

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082025\
 Data File : VV038970.D
 Acq On : 20 Aug 2025 12:27
 Operator : SY/MD
 Sample : Q2899-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2025-06

Quant Time: Aug 21 01:22:52 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)

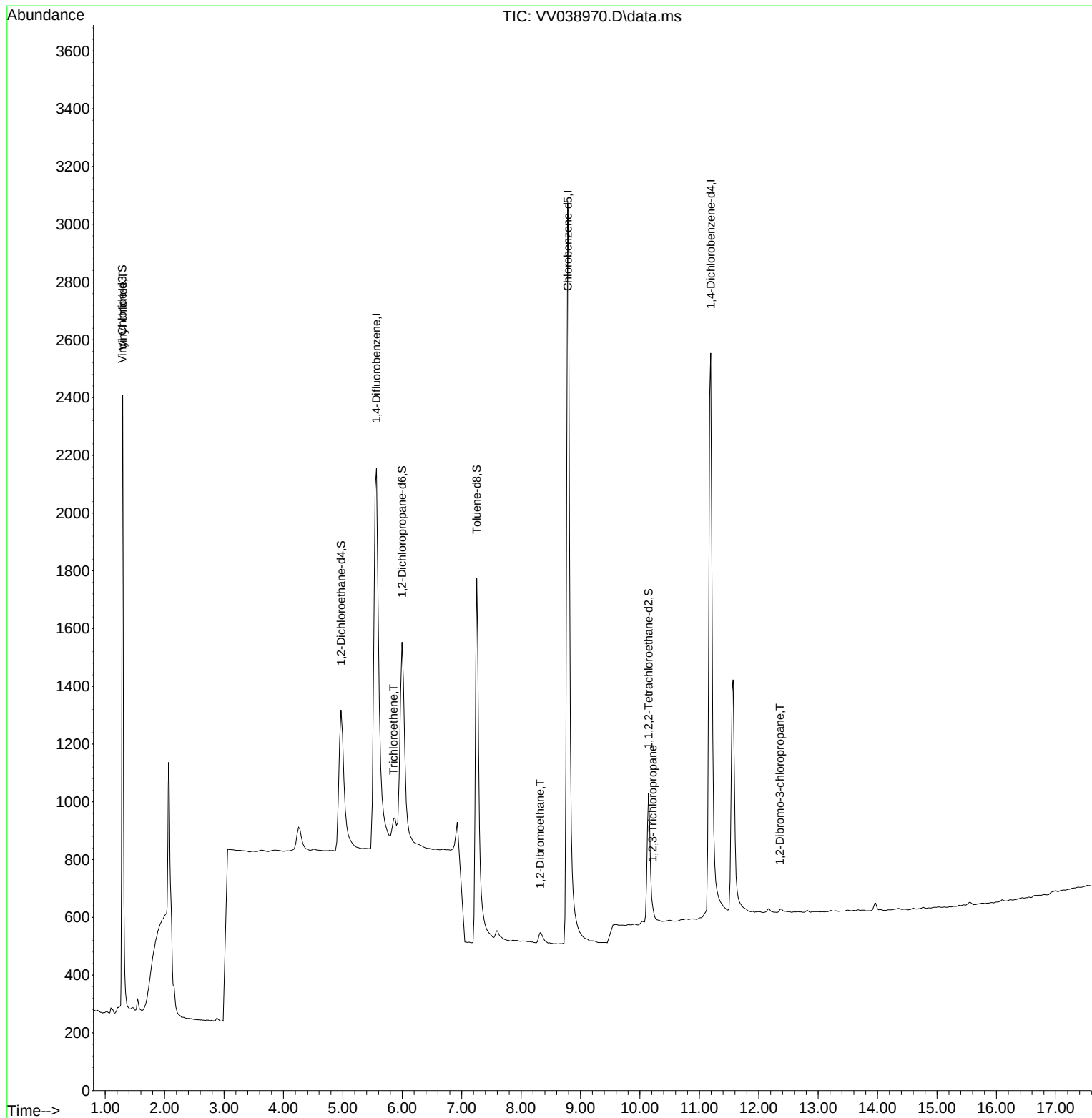
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5850	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5429	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2384	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	2652	0.495	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.000%
4) 1,2-Dichloroethane-d4	4.969	65	1316	0.419	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.000%
7) 1,2-Dichloropropane-d6	5.995	67	1480	0.494	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	98.000%
8) Toluene-d8	7.253	98	3141	0.468	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1043	0.491	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	285	0.028	ug/L #	43
6) Trichloroethene	5.852	95	133	0.028	ug/L	90
9) 1,2-Dibromoethane	8.321	107	83	0.029	ug/L #	73
12) 1,2,3-Trichloropropane	10.214	75	67	0.028	ug/L #	79
13) 1,2-Dibromo-3-chloropr...	12.356	75	13	0.023	ug/L	96

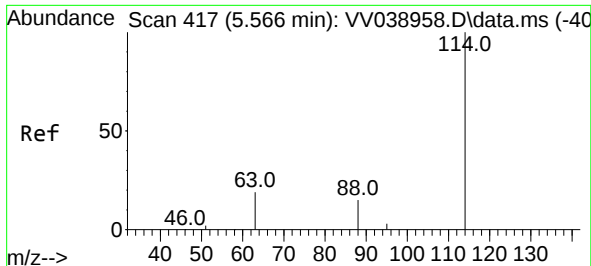
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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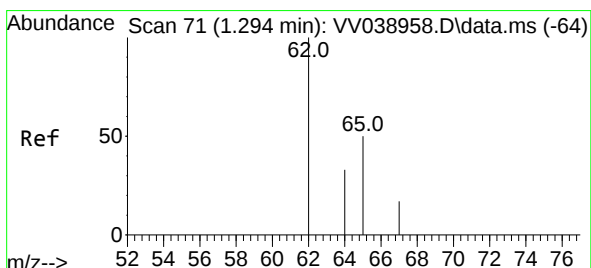
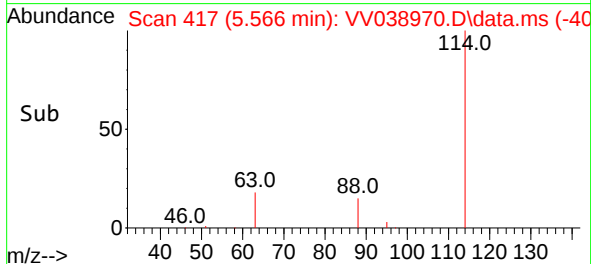
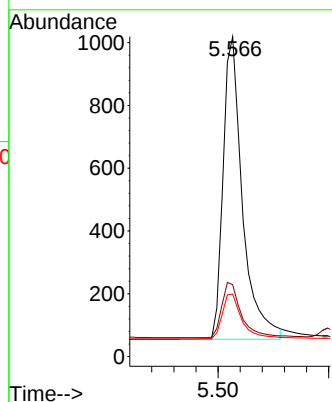
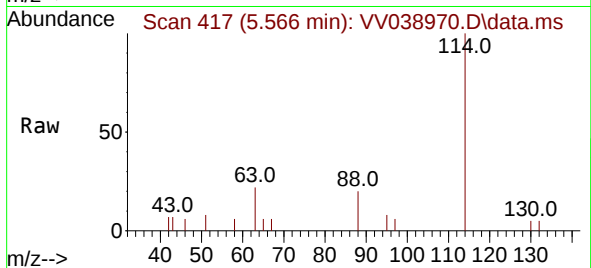




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

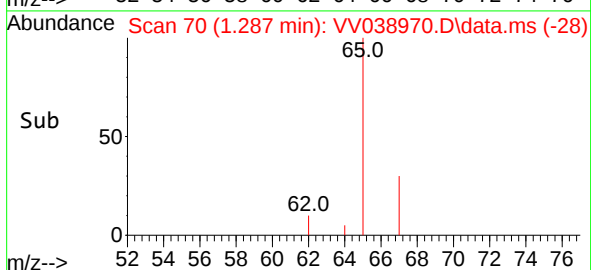
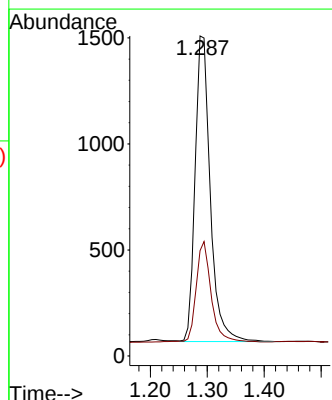
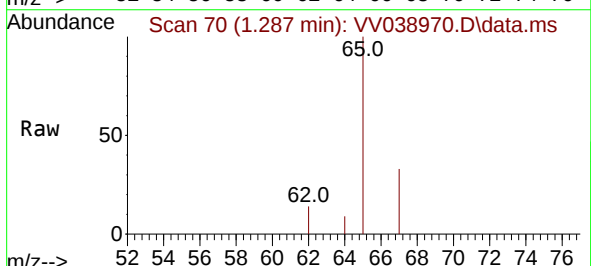
Instrument :
MSVOA_V
ClientSampleId :
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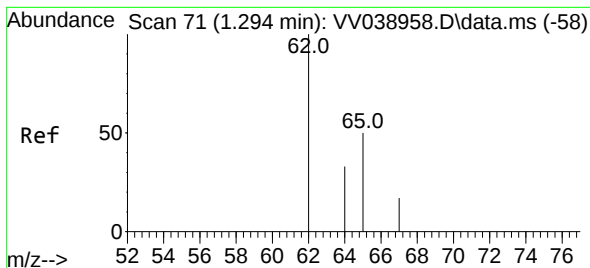
Tgt Ion:	114	Resp:	5850
Ion	Ratio	Lower	Upper
114	100		
63	18.4	16.0	24.0
88	15.1	12.3	18.5



#2
Vinyl Chloride-d3
Concen: 0.495 ug/L
RT: 1.287 min Scan# 70
Delta R.T. -0.007 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

Tgt Ion:	65	Resp:	2652
Ion	Ratio	Lower	Upper
65	100		
67	33.1	23.4	43.4





#3

Vinyl chloride

Concen: 0.028 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV038970.D

Acq: 20 Aug 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

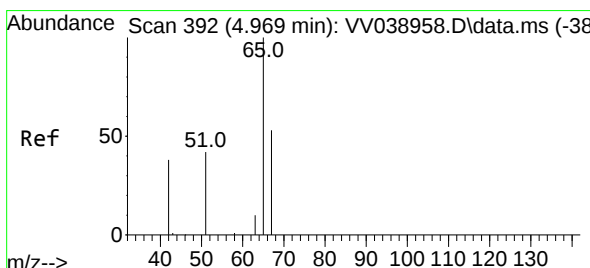
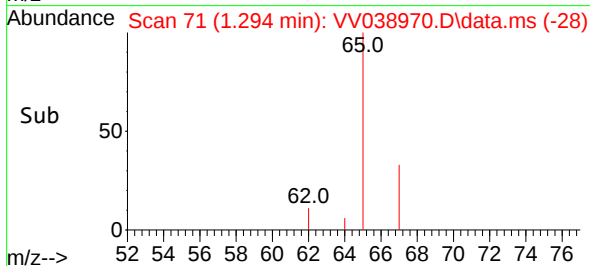
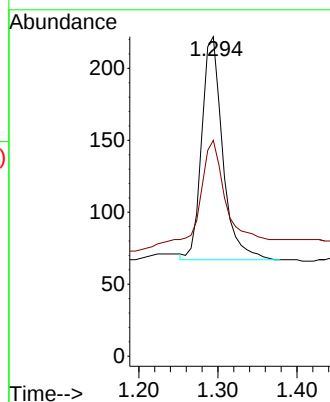
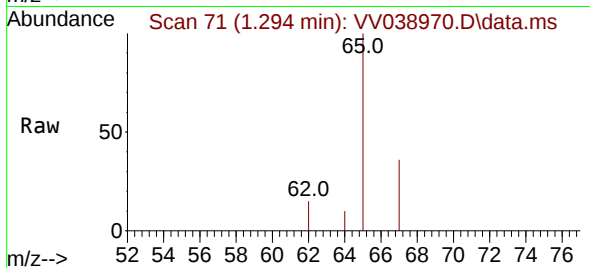
MDL-WATER-QT3-2025-06

Tgt Ion: 62 Resp: 285

Ion Ratio Lower Upper

62 100

64 67.6 24.4 45.2#



#4

1,2-Dichloroethane-d4

Concen: 0.419 ug/L

RT: 4.969 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV038970.D

Acq: 20 Aug 2025 12:27

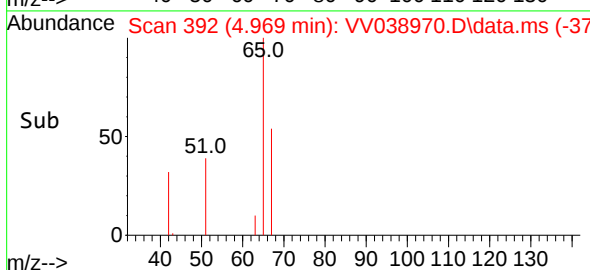
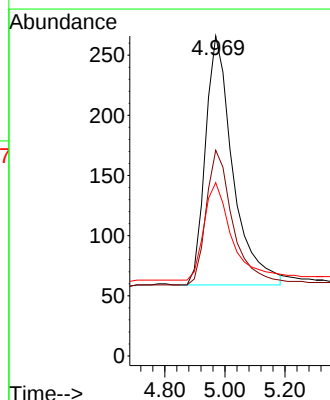
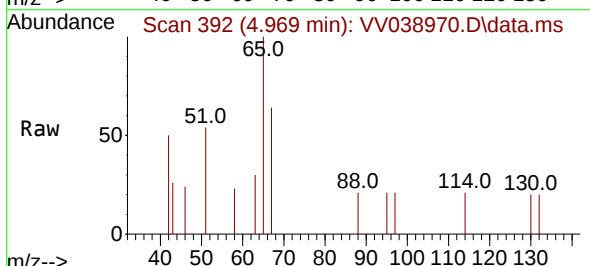
Tgt Ion: 65 Resp: 1316

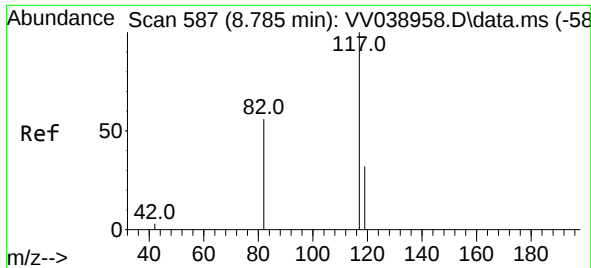
Ion Ratio Lower Upper

65 100

67 52.7 37.2 69.0

51 40.0 33.4 62.0

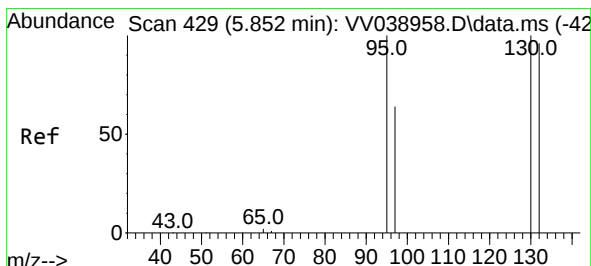
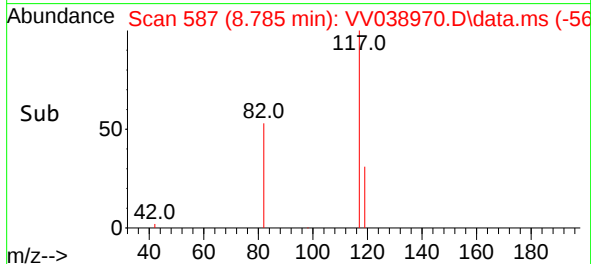
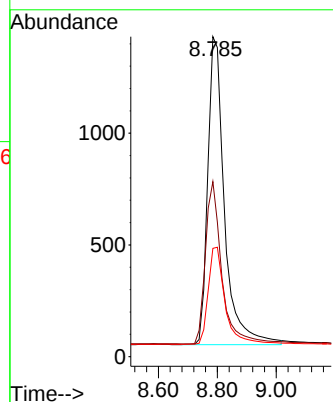
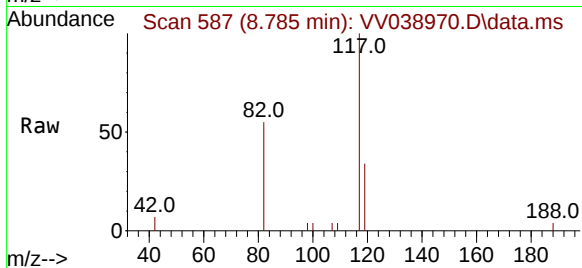




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

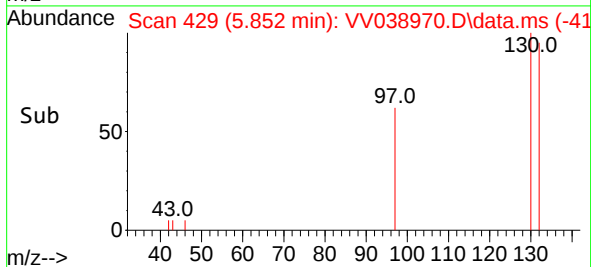
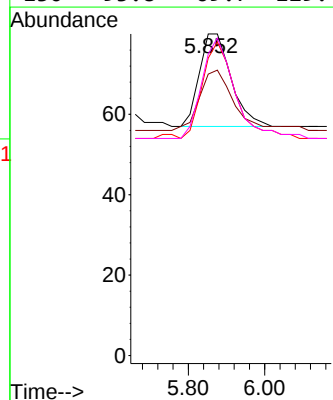
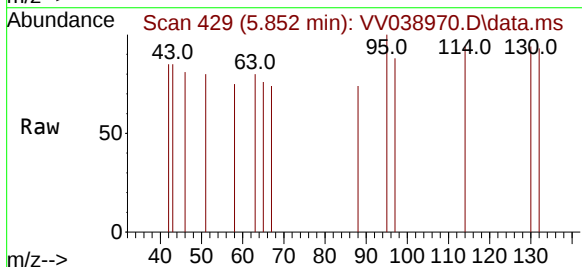
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2025-06

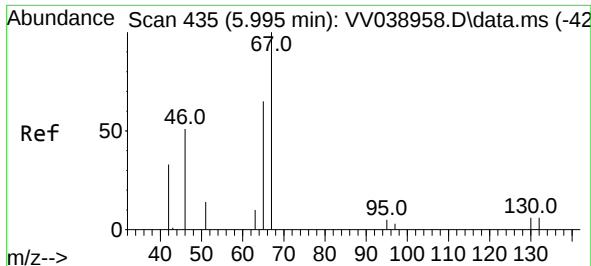
Tgt Ion:	117	Resp:	5429
Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.9	64.3
119	32.0	26.4	39.6



#6
Trichloroethene
Concen: 0.028 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

Tgt Ion:	95	Resp:	133
Ion	Ratio	Lower	Upper
95	100		
97	87.5	47.5	88.1
132	92.5	66.9	124.3
130	93.8	69.7	129.4

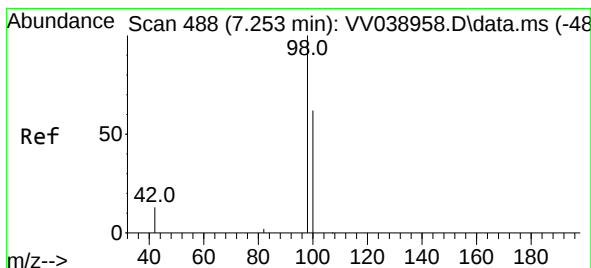
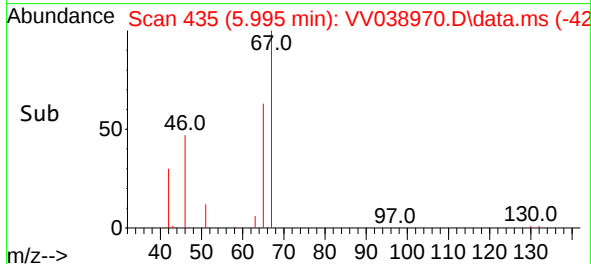
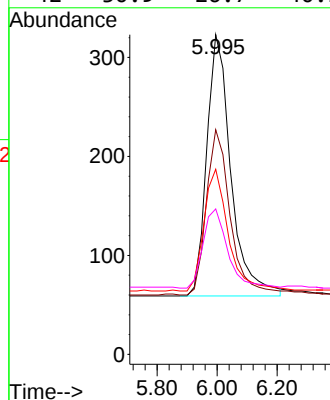
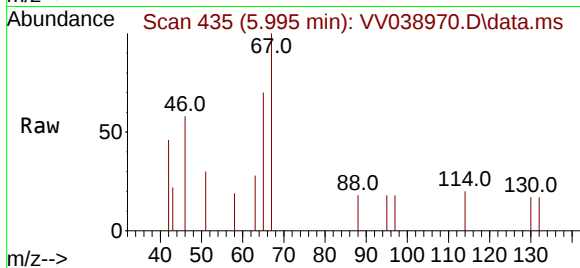




#7
1,2-Dichloropropane-d6
Concen: 0.494 ug/L
RT: 5.995 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

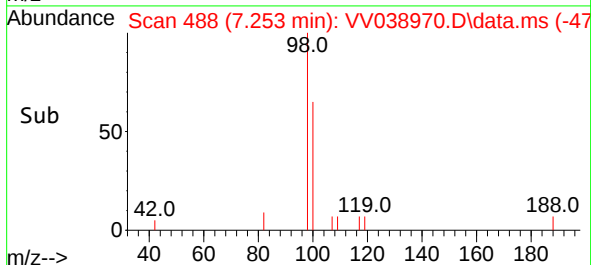
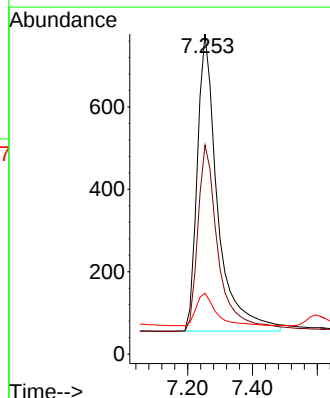
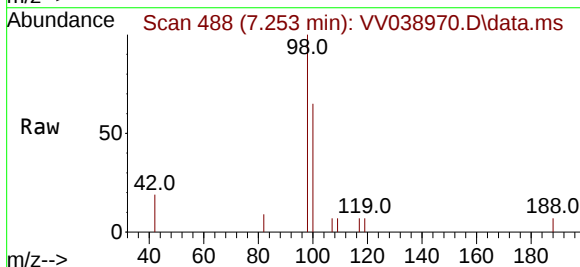
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2025-06

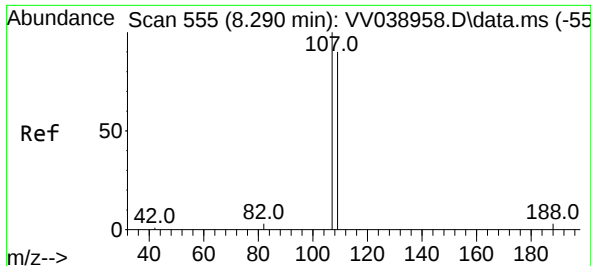
Tgt Ion:	67	Resp:	1480
Ion	Ratio	Lower	Upper
67	100		
65	62.5	49.8	74.6
46	47.3	41.3	61.9
42	30.9	26.7	40.1



#8
Toluene-d8
Concen: 0.468 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.000 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

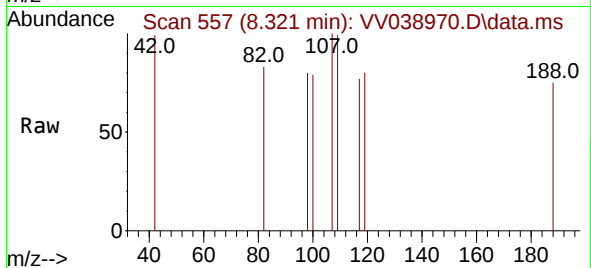
Tgt Ion:	98	Resp:	3141
Ion	Ratio	Lower	Upper
98	100		
100	63.6	43.3	80.3
42	10.6	8.5	15.7



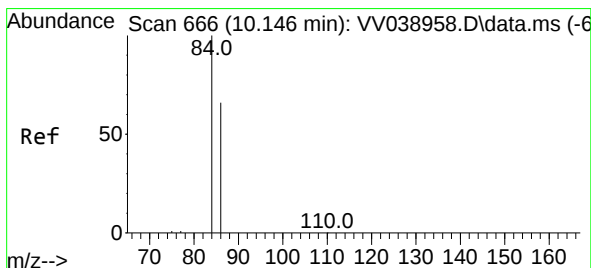
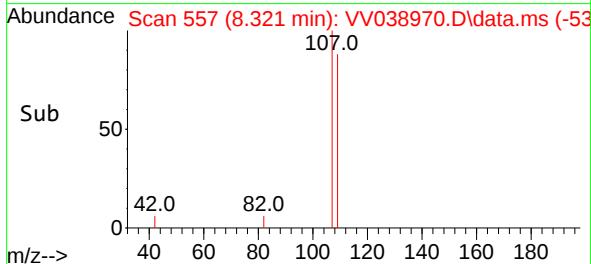
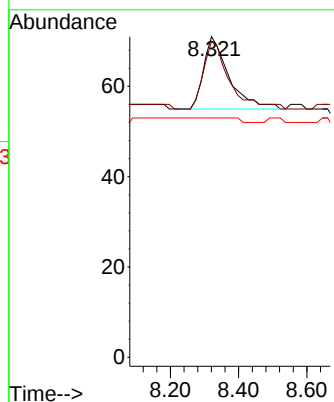


#9
1,2-Dibromoethane
Concen: 0.029 ug/L
RT: 8.321 min Scan# 555
Delta R.T. 0.031 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2025-06

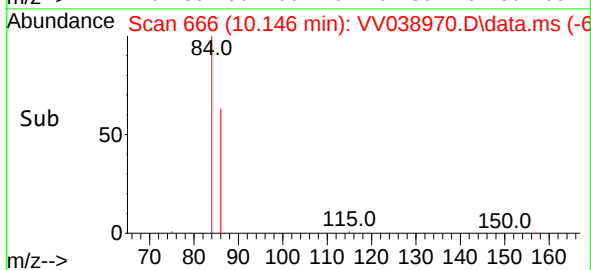
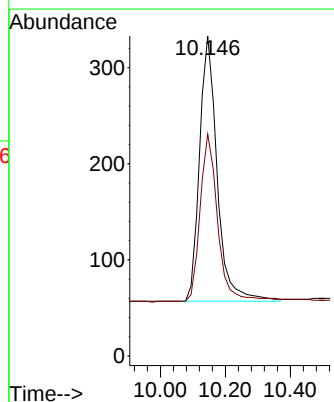
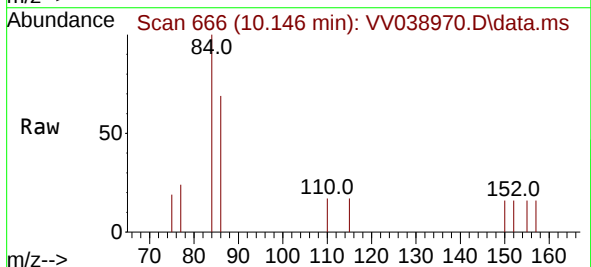


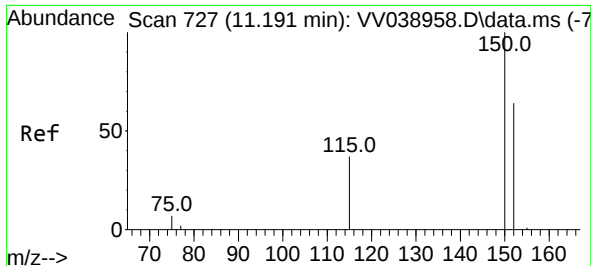
Tgt Ion:107 Resp: 83
Ion Ratio Lower Upper
107 100
109 98.6 64.0 118.8
188 74.6 11.8 17.6#



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.491 ug/L
RT: 10.146 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

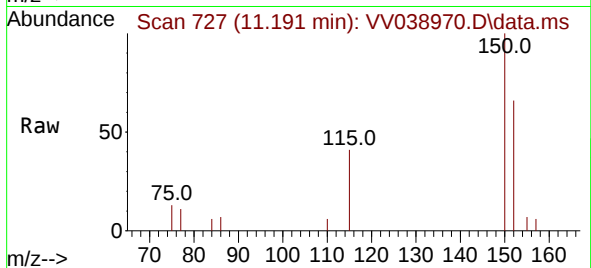
Tgt Ion: 84 Resp: 1043
Ion Ratio Lower Upper
84 100
86 62.4 45.6 84.6



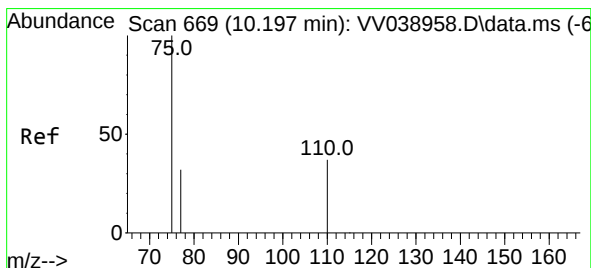
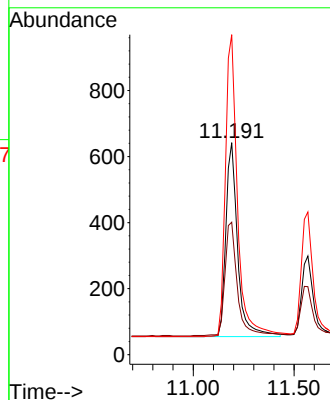
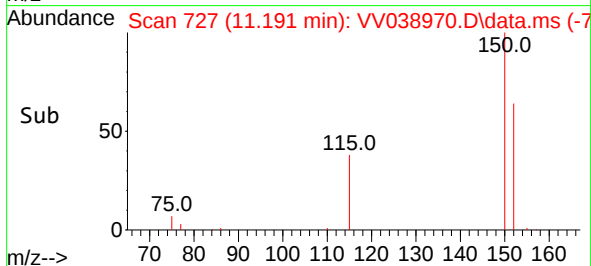


#11
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.191 min Scan# 71
Delta R.T. -0.000 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27

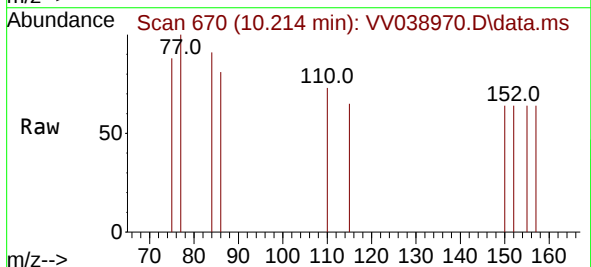
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MDL-WATER-QT3-2025-06



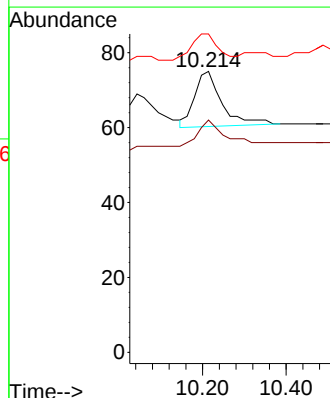
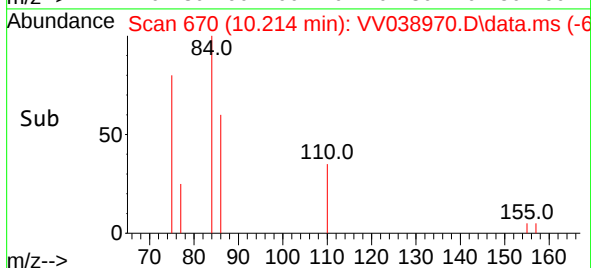
Tgt Ion:152 Resp: 2384
Ion Ratio Lower Upper
152 100
115 61.5 0.0 119.6
150 158.0 0.0 318.0

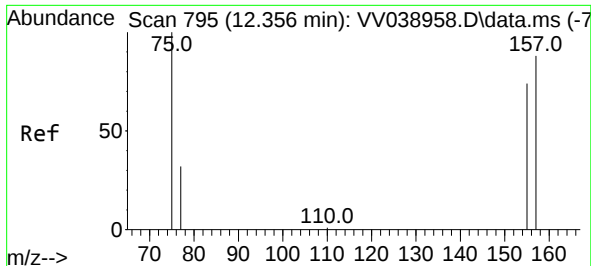


#12
1,2,3-Trichloropropane
Concen: 0.028 ug/L
RT: 10.214 min Scan# 670
Delta R.T. 0.017 min
Lab File: VV038970.D
Acq: 20 Aug 2025 12:27



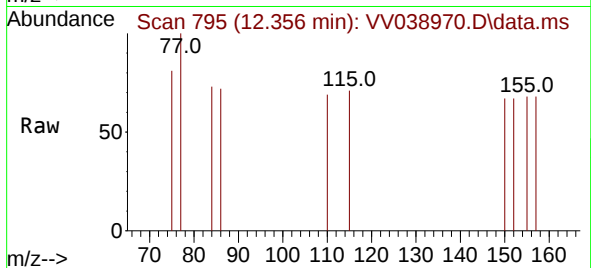
Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
110 55.2 32.6 48.8#
77 44.8 27.3 40.9#





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.023 ug/L
 RT: 12.356 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV038970.D
 Acq: 20 Aug 2025 12:27

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2025-06



Tgt Ion: 75	Resp:	13
Ion Ratio	Lower	Upper
75 100		
157 84.1	69.7	104.5
155 84.1	63.7	95.5

