

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082025\
 Data File : VV038971.D
 Acq On : 20 Aug 2025 13:49
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5328

Quant Time: Aug 21 01:23:06 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)

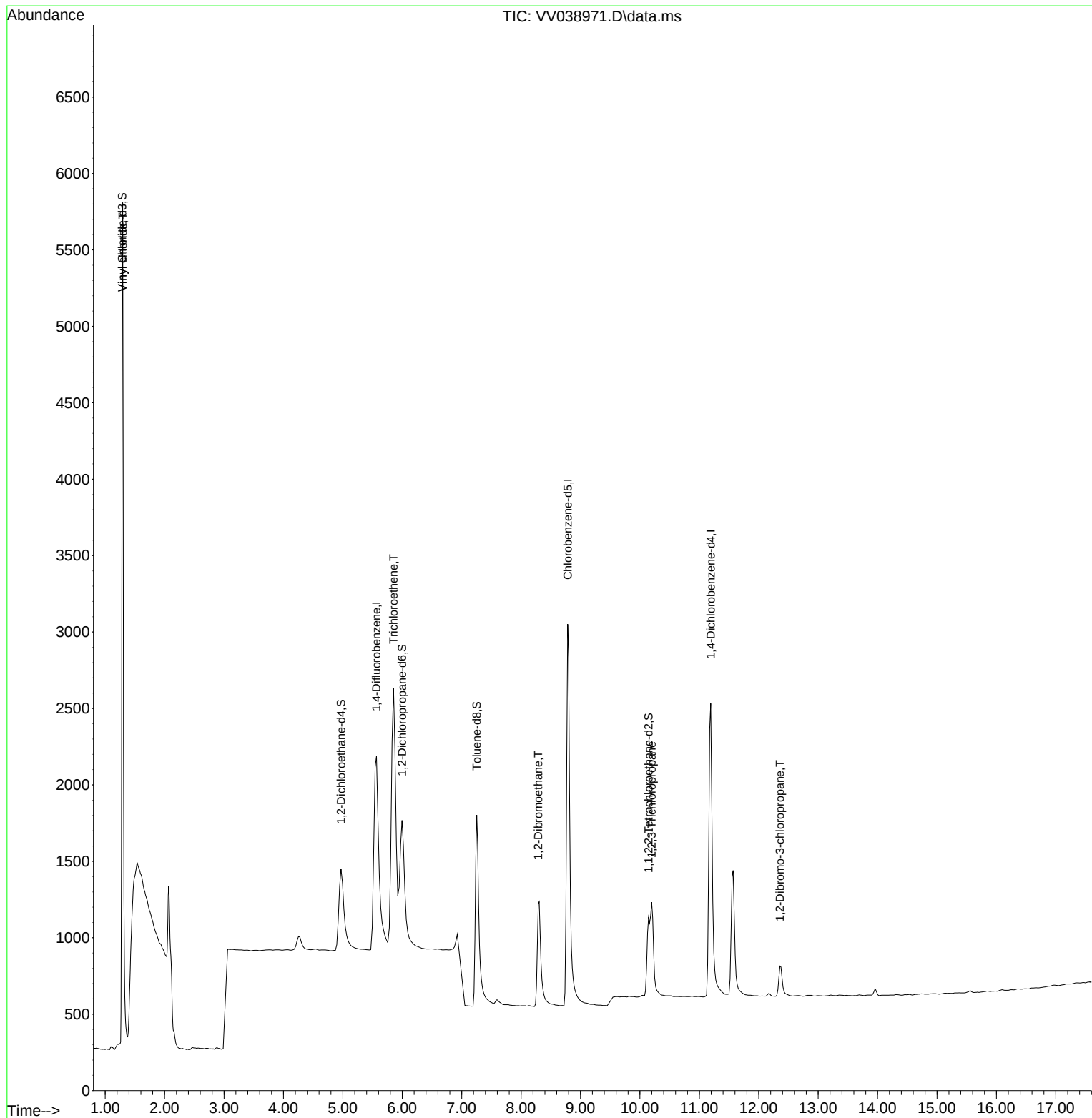
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5589	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5220	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2304	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	2656	0.519	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 104.000%	
4) 1,2-Dichloroethane-d4	4.969	65	1420	0.473	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 94.000%	
7) 1,2-Dichloropropane-d6	5.995	67	1612	0.560	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 112.000%	
8) Toluene-d8	7.253	98	3144	0.487	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 98.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1117	0.547	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 110.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	5053	0.513	ug/L	98
6) Trichloroethene	5.852	95	2507	0.541	ug/L	99
9) 1,2-Dibromoethane	8.290	107	1498	0.542	ug/L	97
12) 1,2,3-Trichloropropane	10.197	75	1253	0.532	ug/L	100
13) 1,2-Dibromo-3-chloropr...	12.356	75	282	0.518	ug/L	98

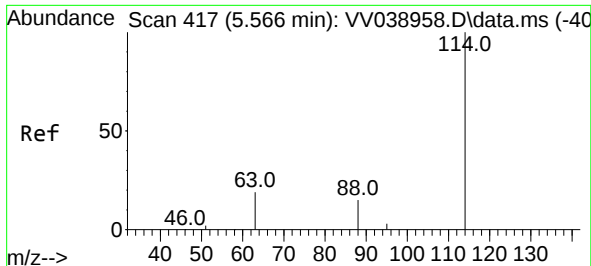
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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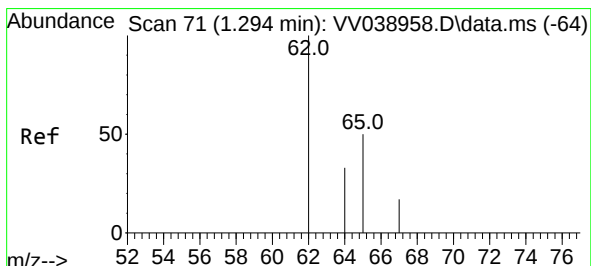
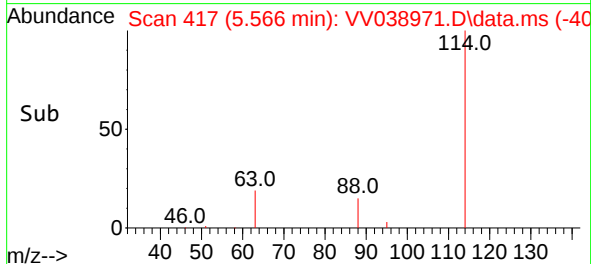
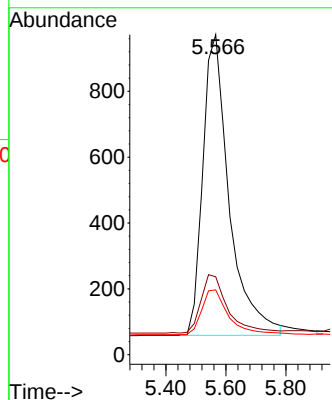
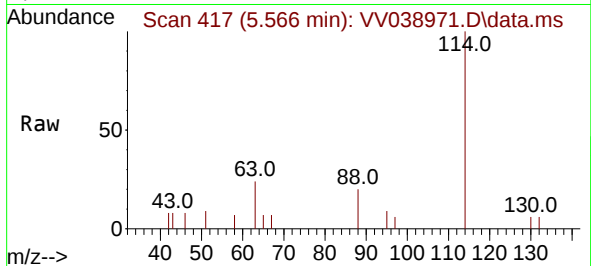




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038971.D
Acq: 20 Aug 2025 13:49

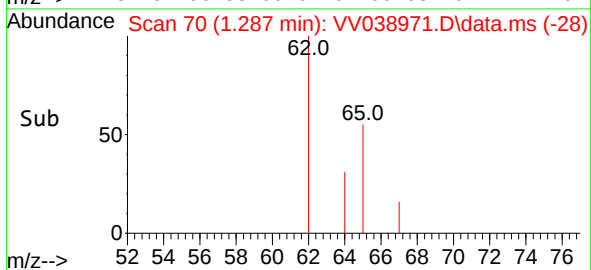
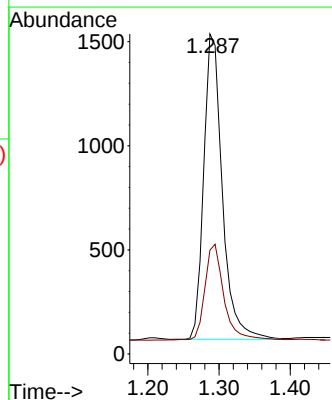
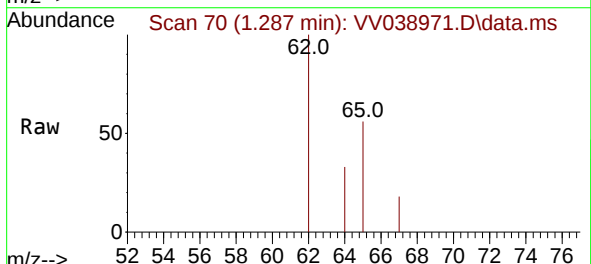
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5328

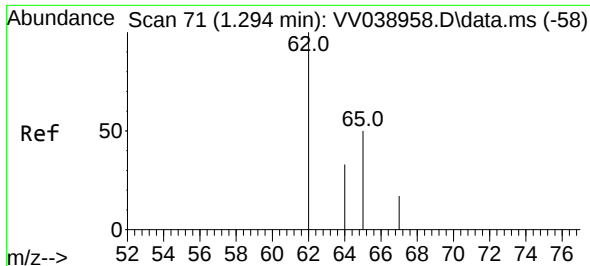
Tgt Ion:114 Resp: 5589
Ion Ratio Lower Upper
114 100
63 19.6 16.0 24.0
88 15.1 12.3 18.5



#2
Vinyl Chloride-d3
Concen: 0.519 ug/L
RT: 1.287 min Scan# 70
Delta R.T. -0.007 min
Lab File: VV038971.D
Acq: 20 Aug 2025 13:49

Tgt Ion: 65 Resp: 2656
Ion Ratio Lower Upper
65 100
67 32.4 23.4 43.4

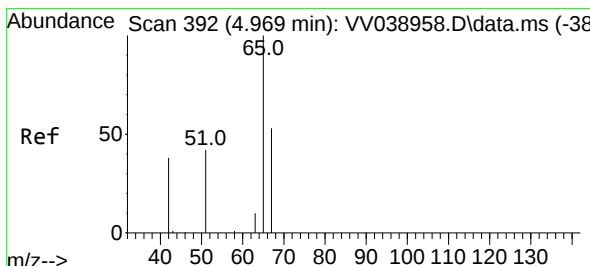
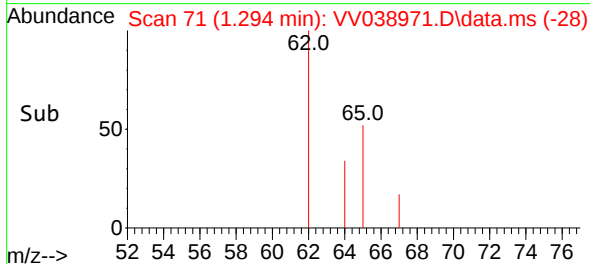
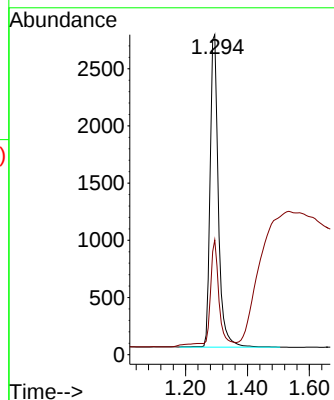
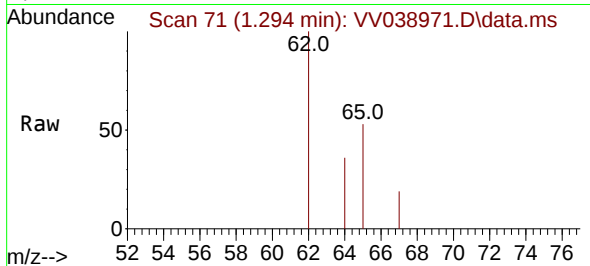




#3
 Vinyl chloride
 Concen: 0.513 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038971.D
 Acq: 20 Aug 2025 13:49

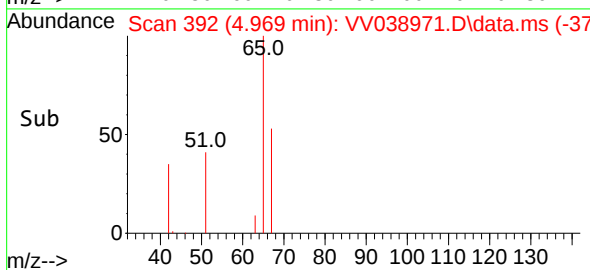
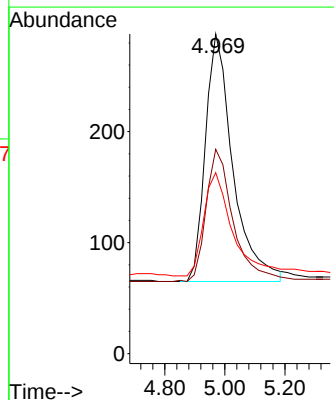
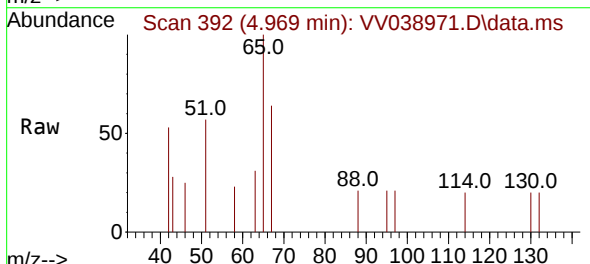
Instrument :
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 VSTD0.5328

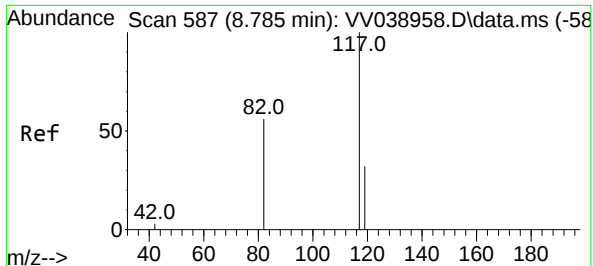
Tgt Ion: 62 Resp: 5053
 Ion Ratio Lower Upper
 62 100
 64 35.8 24.4 45.2



#4
 1,2-Dichloroethane-d4
 Concen: 0.473 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV038971.D
 Acq: 20 Aug 2025 13:49

Tgt Ion: 65 Resp: 1420
 Ion Ratio Lower Upper
 65 100
 67 52.5 37.2 69.0
 51 43.7 33.4 62.0

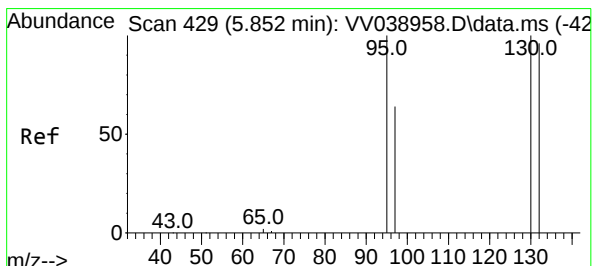
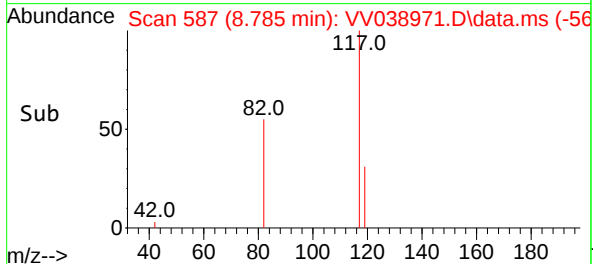
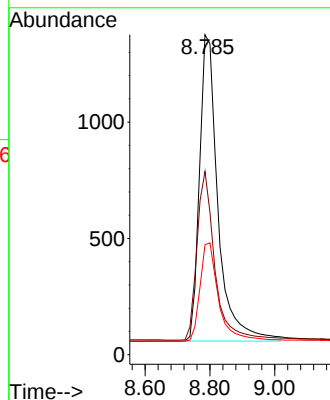
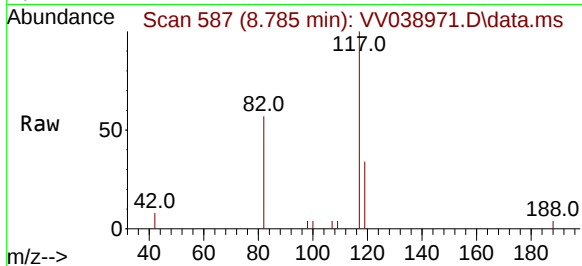




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV038971.D
Acq: 20 Aug 2025 13:49

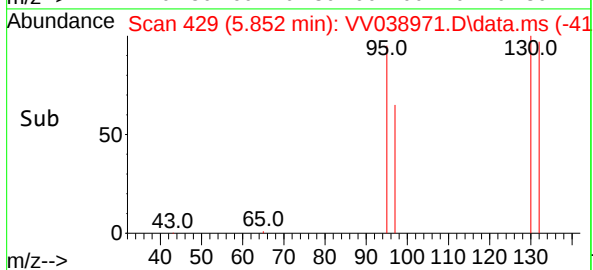
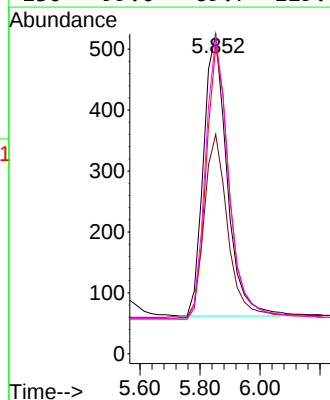
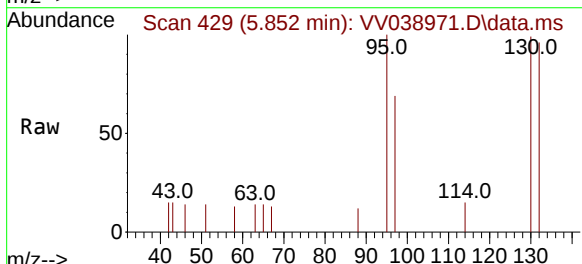
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5328

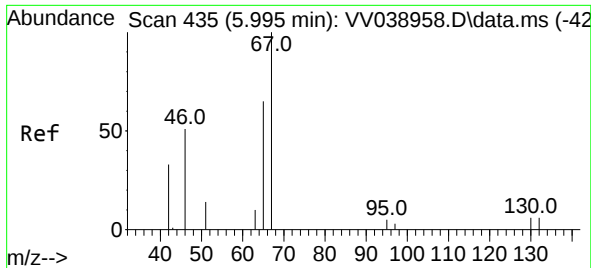
Tgt Ion:	117	Resp:	5220
Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.9	64.3
119	32.2	26.4	39.6



#6
Trichloroethene
Concen: 0.541 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV038971.D
Acq: 20 Aug 2025 13:49

Tgt Ion:	95	Resp:	2507
Ion	Ratio	Lower	Upper
95	100		
97	68.6	47.5	88.1
132	96.0	66.9	124.3
130	99.0	69.7	129.4

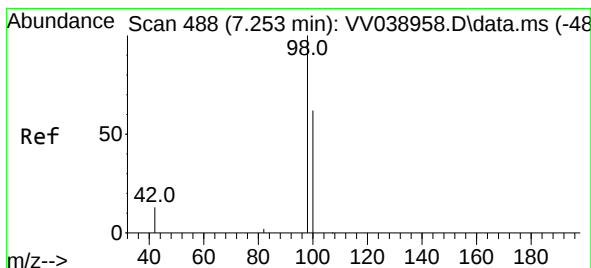
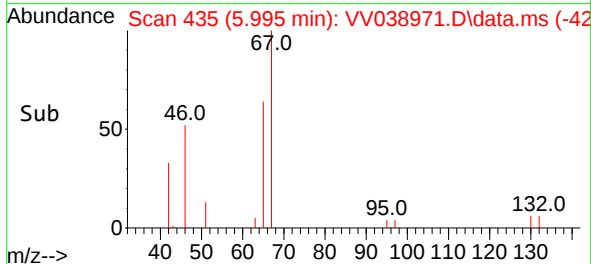
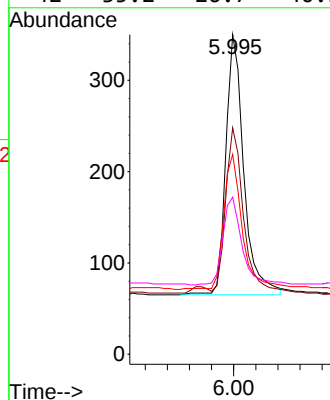
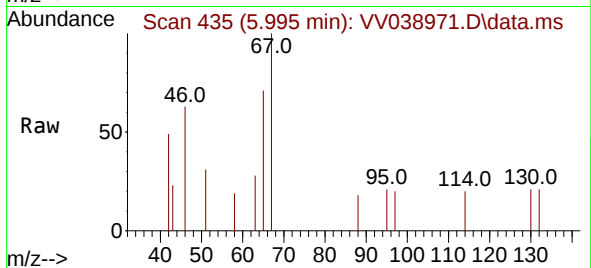




#7
1,2-Dichloropropane-d6
Concen: 0.560 ug/L
RT: 5.995 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038971.D
Acq: 20 Aug 2025 13:49

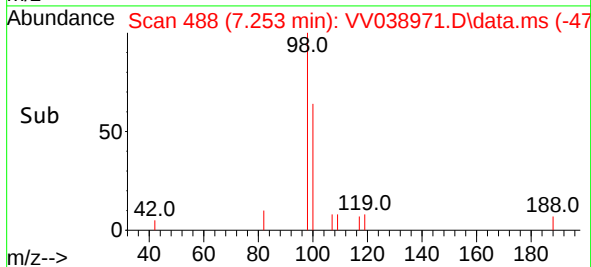
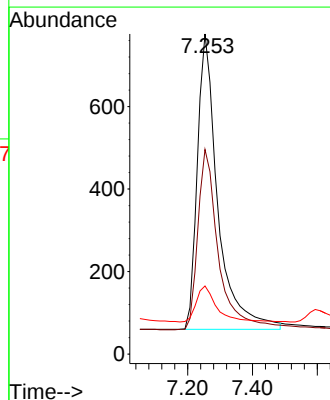
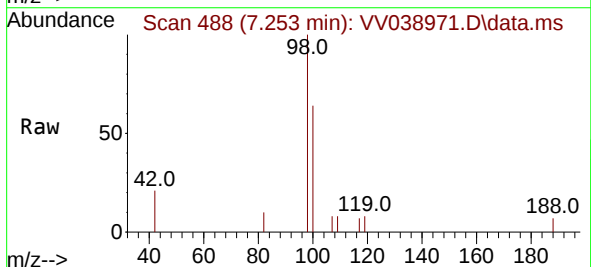
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ClientSampleId :
VSTD0.5328

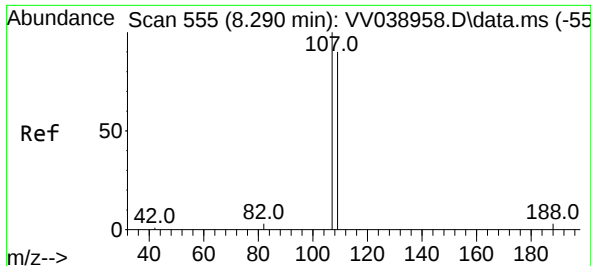
Tgt Ion:	67	Resp:	1612
Ion	Ratio	Lower	Upper
67	100		
65	60.9	49.8	74.6
46	51.7	41.3	61.9
42	35.2	26.7	40.1



#8
Toluene-d8
Concen: 0.487 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.000 min
Lab File: VV038971.D
Acq: 20 Aug 2025 13:49

Tgt Ion:	98	Resp:	3144
Ion	Ratio	Lower	Upper
98	100		
100	61.7	43.3	80.3
42	12.1	8.5	15.7

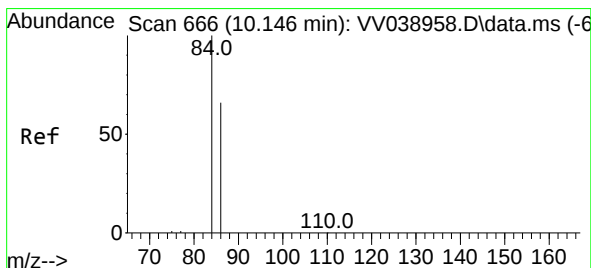
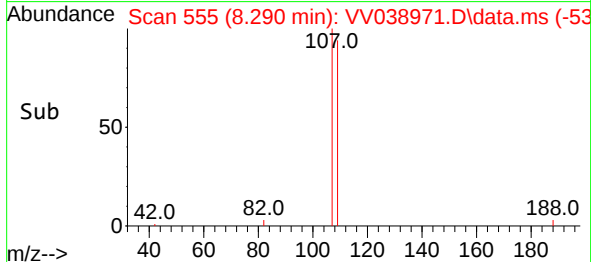
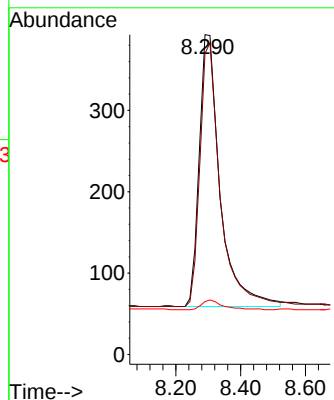
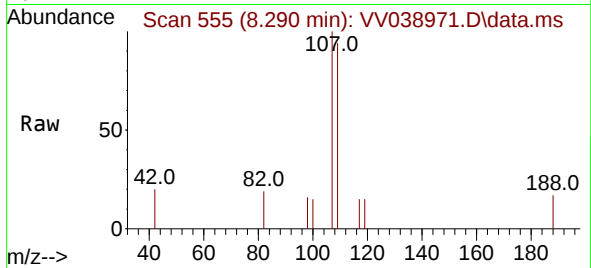




#9
1,2-Dibromoethane
Concen: 0.542 ug/L
RT: 8.290 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV038971.D
Acq: 20 Aug 2025 13:49

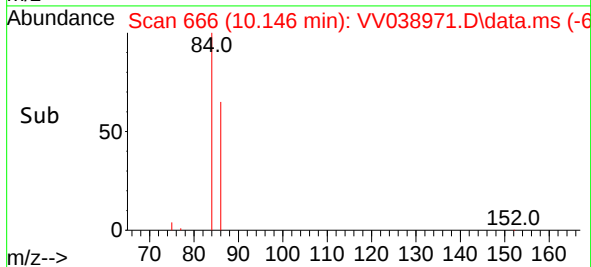
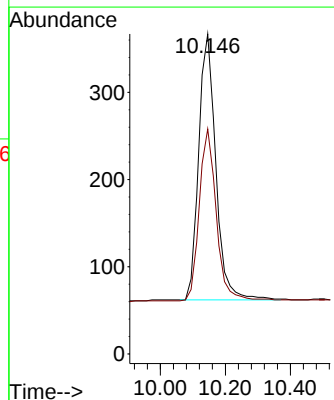
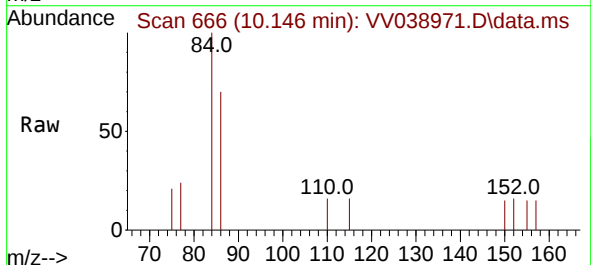
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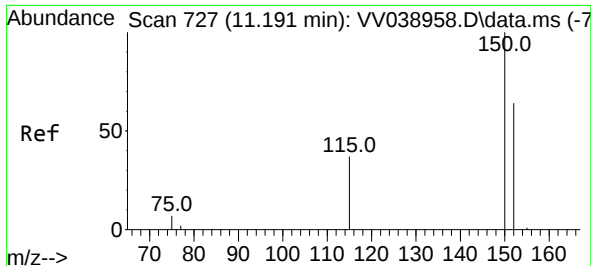
Tgt Ion:	107	Resp:	1498
Ion	Ratio	Lower	Upper
107	100		
109	94.1	64.0	118.8
188	16.5	11.8	17.6



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.547 ug/L
RT: 10.146 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV038971.D
Acq: 20 Aug 2025 13:49

Tgt Ion:	84	Resp:	1117
Ion	Ratio	Lower	Upper
84	100		
86	64.4	45.6	84.6

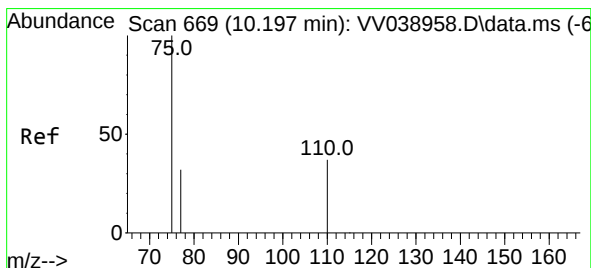
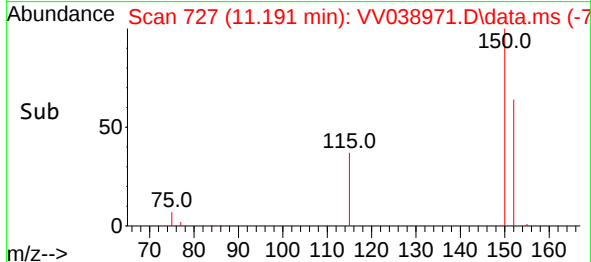
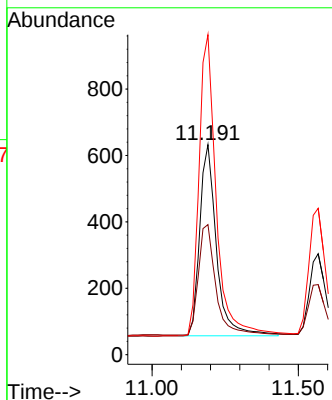
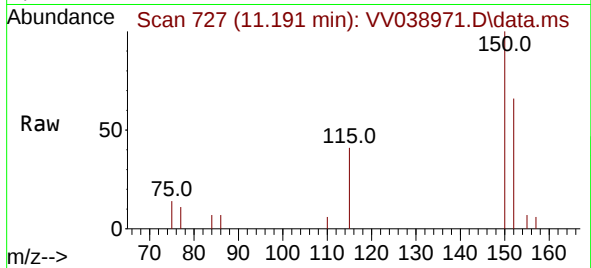




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: VV038971.D
 Acq: 20 Aug 2025 13:49

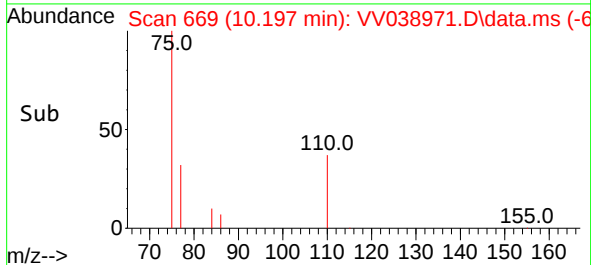
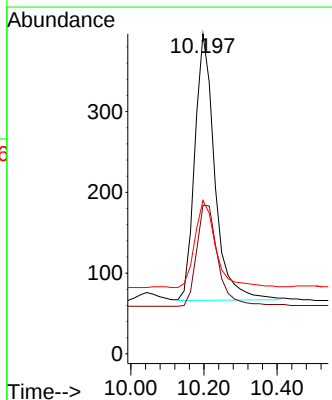
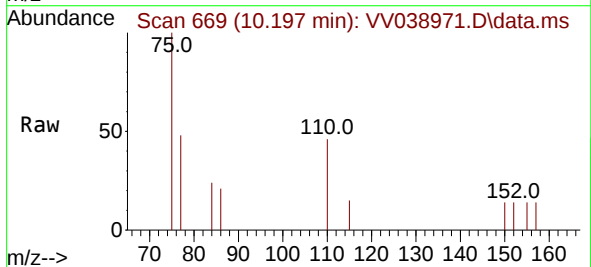
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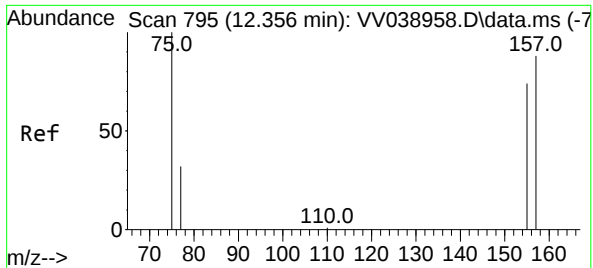
Tgt Ion:	152	Resp:	2304
Ion	Ratio	Lower	Upper
152	100		
115	59.9	0.0	119.6
150	160.5	0.0	318.0



#12
 1,2,3-Trichloropropane
 Concen: 0.532 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV038971.D
 Acq: 20 Aug 2025 13:49

Tgt Ion:	75	Resp:	1253
Ion	Ratio	Lower	Upper
75	100		
110	40.6	32.6	48.8
77	34.4	27.3	40.9





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.518 ug/L
 RT: 12.356 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV038971.D
 Acq: 20 Aug 2025 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5328

Tgt Ion: 75	Resp: 282
Ratio	Lower Upper
75 100	
157 85.1	69.7 104.5
155 77.6	63.7 95.5

