

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062325\
 Data File : VV038821.D
 Acq On : 23 Jun 2025 13:37
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5325

Quant Time: Jun 24 01:40:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 21 03:37:28 2025
 Response via : Initial Calibration

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

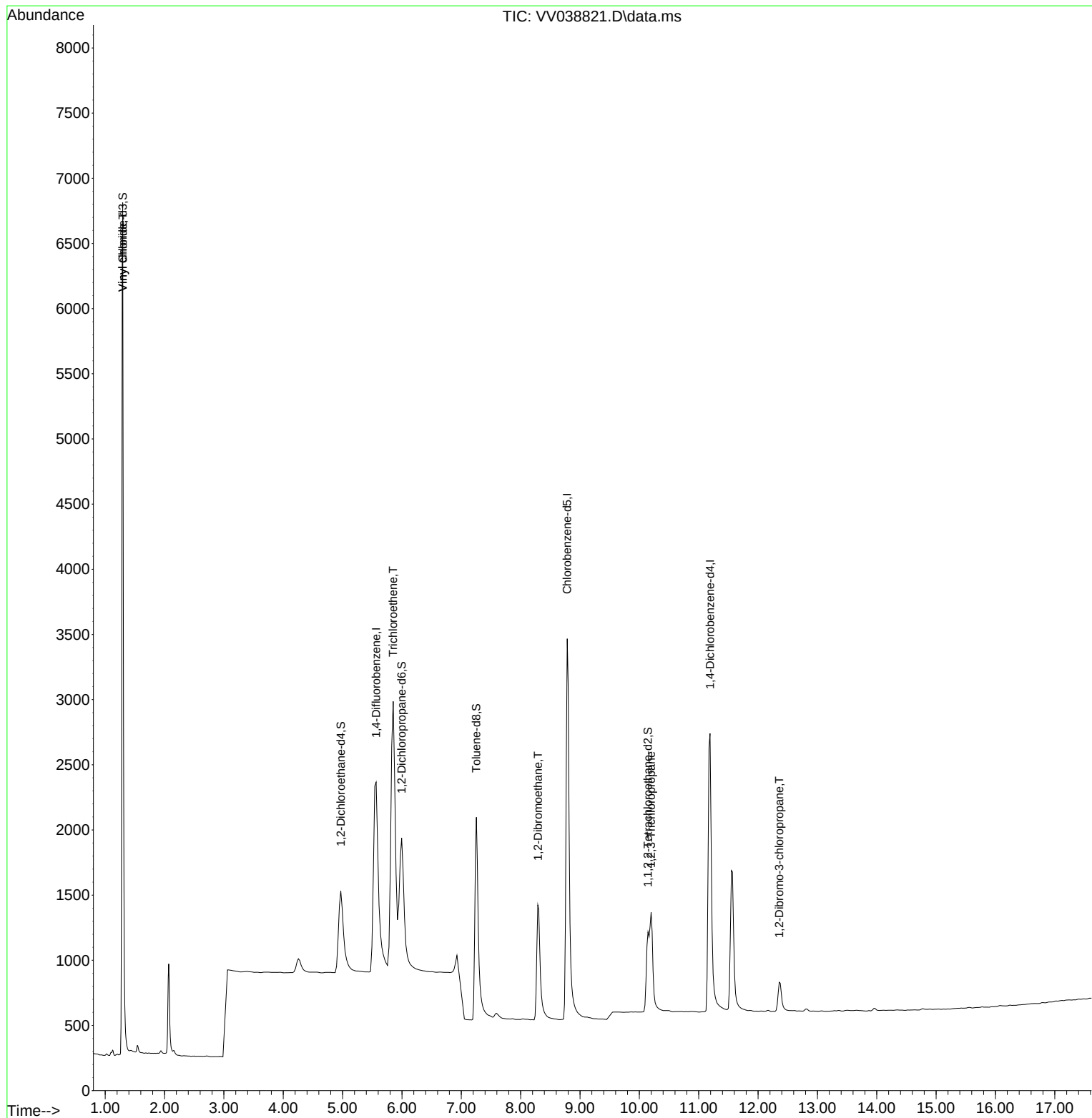
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6508	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5973	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2595	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3213	0.520	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 104.000%	
4) 1,2-Dichloroethane-d4	4.970	65	1613	0.532	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 106.000%	
7) 1,2-Dichloropropane-d6	5.996	67	1984	0.587	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 118.000%	
8) Toluene-d8	7.254	98	3721	0.545	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 108.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1337	0.563	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 112.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	5904	0.504	ug/L	98
6) Trichloroethene	5.852	95	3048	0.528	ug/L	98
9) 1,2-Dibromoethane	8.290	107	1893	0.524	ug/L #	97
12) 1,2,3-Trichloropropane	10.197	75	1584	0.534	ug/L	98
13) 1,2-Dibromo-3-chloropr...	12.357	75	302	0.497	ug/L	88

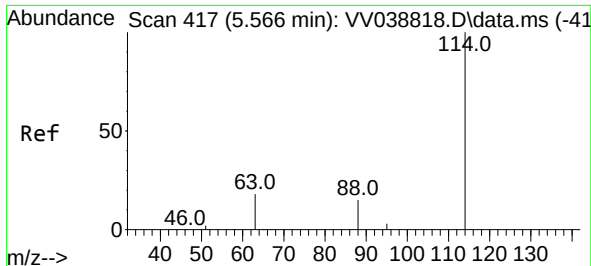
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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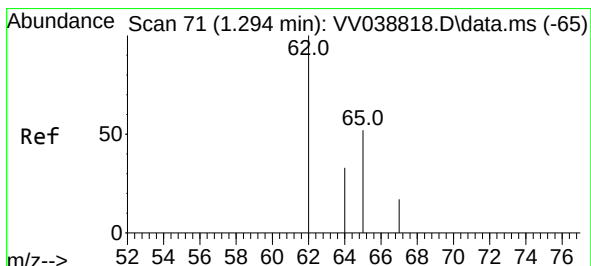
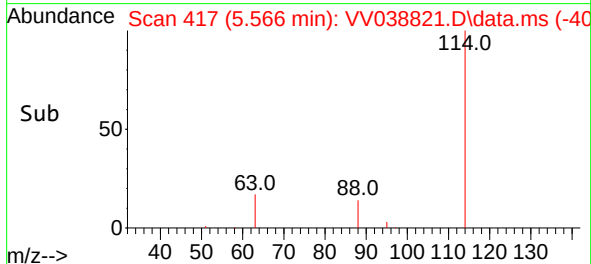
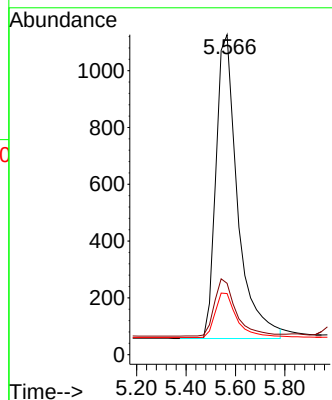
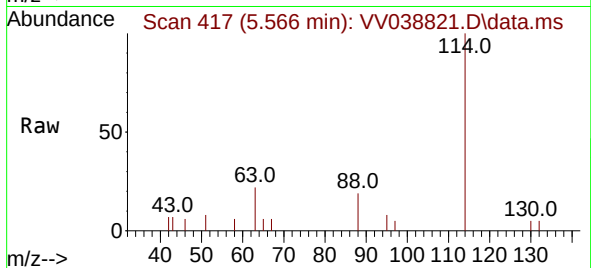




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV038821.D
Acq: 23 Jun 2025 13:37

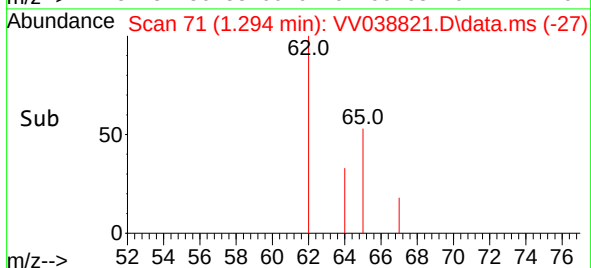
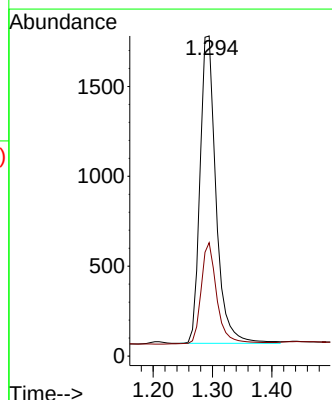
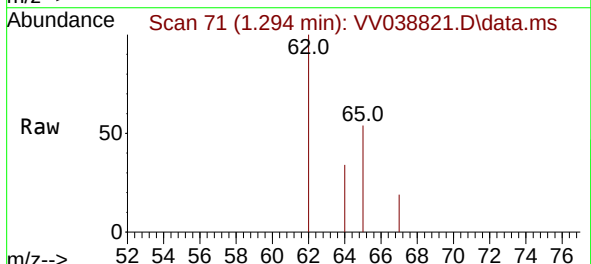
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5325

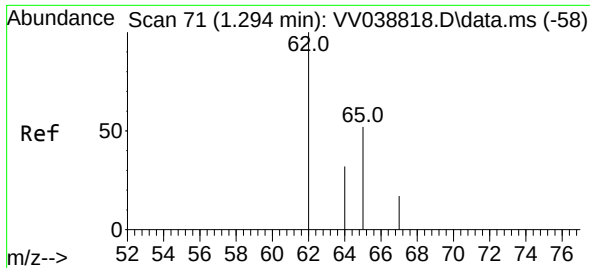
Tgt Ion:114 Resp: 6508
Ion Ratio Lower Upper
114 100
63 18.7 14.6 21.8
88 14.7 12.1 18.1



#2
Vinyl Chloride-d3
Concen: 0.520 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.007 min
Lab File: VV038821.D
Acq: 23 Jun 2025 13:37

Tgt Ion: 65 Resp: 3213
Ion Ratio Lower Upper
65 100
67 33.0 24.4 45.4

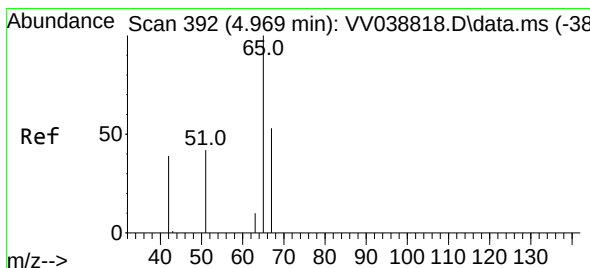
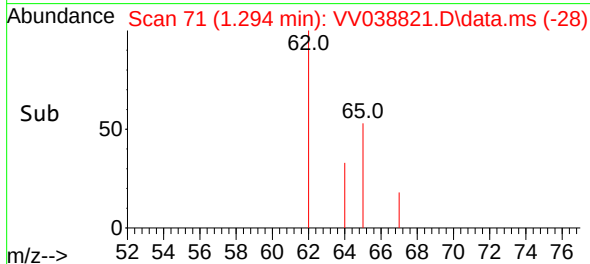
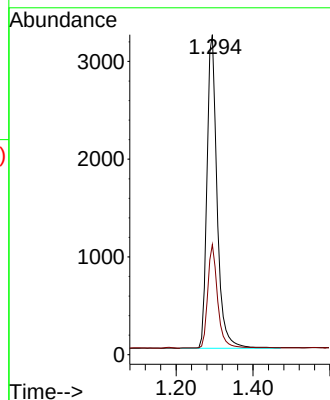
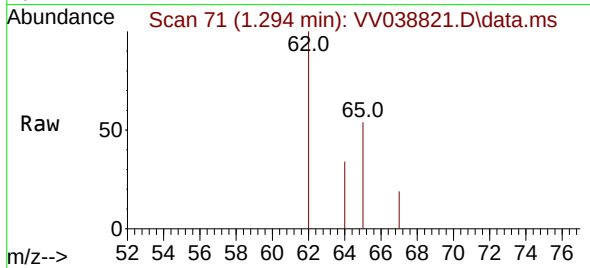




#3
 Vinyl chloride
 Concen: 0.504 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038821.D
 Acq: 23 Jun 2025 13:37

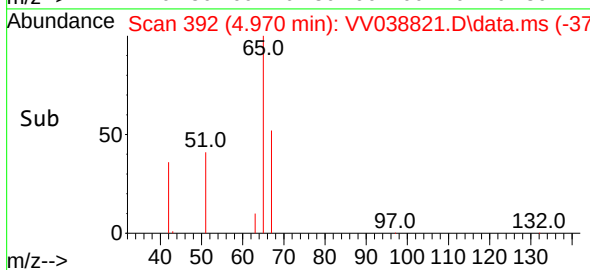
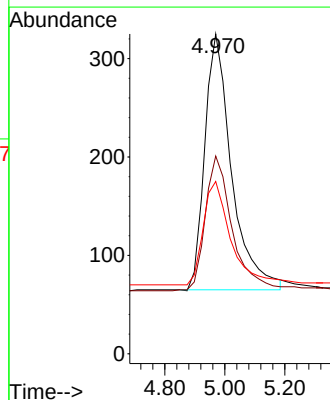
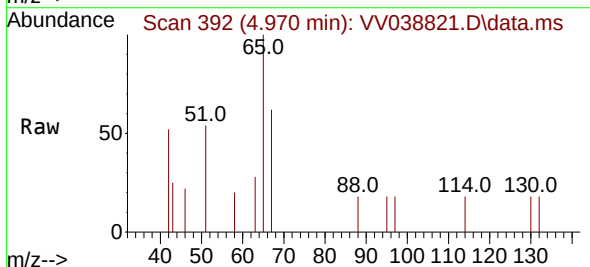
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5325

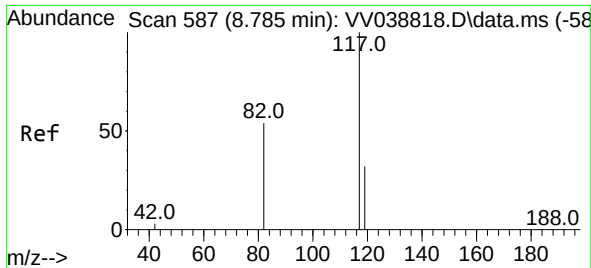
Tgt Ion: 62 Resp: 5904
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.4 43.4



#4
 1,2-Dichloroethane-d4
 Concen: 0.532 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV038821.D
 Acq: 23 Jun 2025 13:37

Tgt Ion: 65 Resp: 1613
 Ion Ratio Lower Upper
 65 100
 67 52.9 38.9 72.2
 51 41.4 25.8 47.8

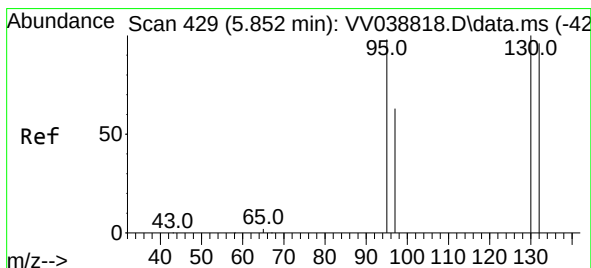
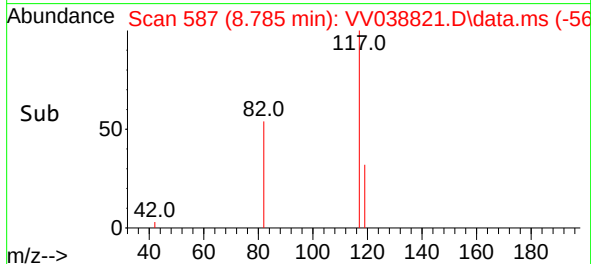
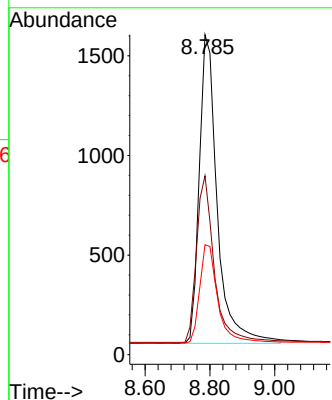
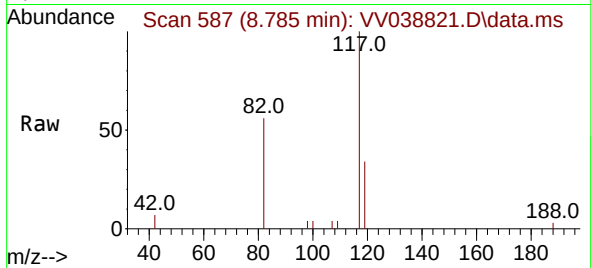




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV038821.D
Acq: 23 Jun 2025 13:37

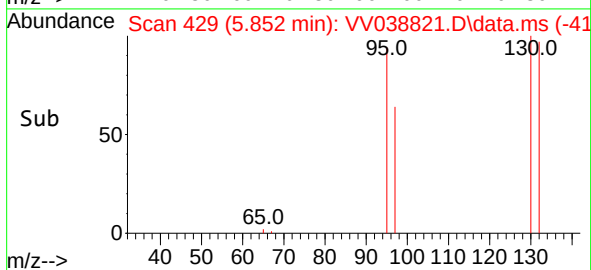
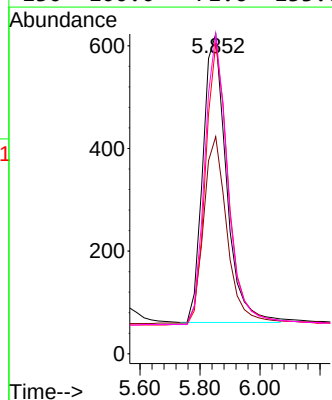
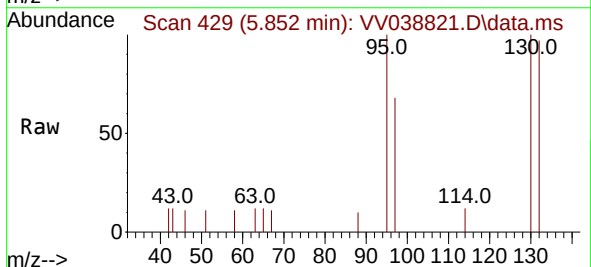
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5325

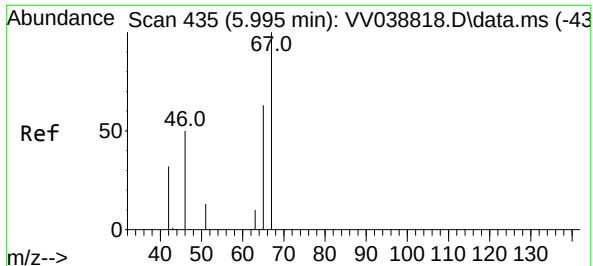
Tgt Ion:	117	Resp:	5973
Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.6	60.8
119	32.4	25.7	38.5



#6
Trichloroethene
Concen: 0.528 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV038821.D
Acq: 23 Jun 2025 13:37

Tgt Ion:	95	Resp:	3048
Ion	Ratio	Lower	Upper
95	100		
97	67.9	46.5	86.5
132	97.0	68.4	127.0
130	100.0	71.6	133.0



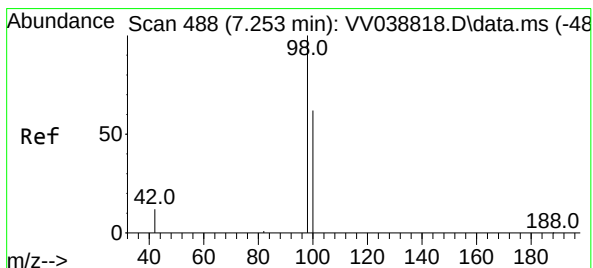
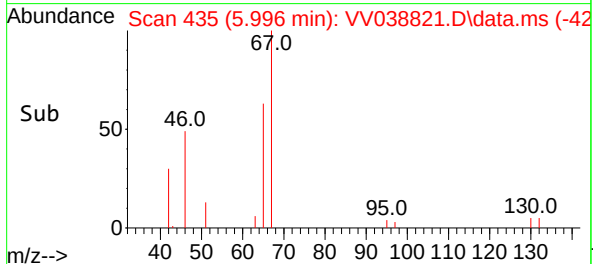
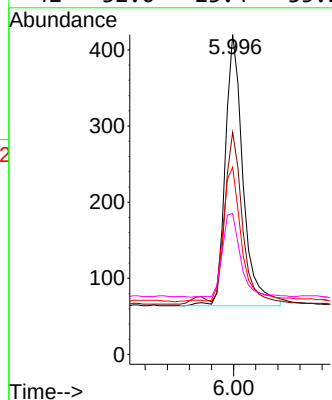
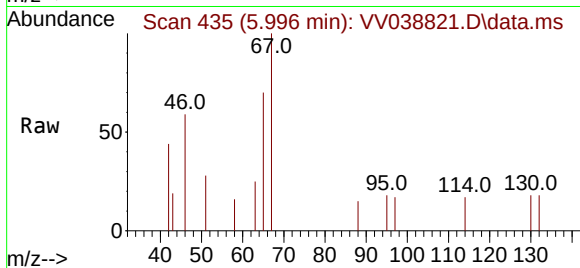


#7
1,2-Dichloropropane-d6
Concen: 0.587 ug/L
RT: 5.996 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038821.D
Acq: 23 Jun 2025 13:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5325

Tgt Ion: 67 Resp: 1984

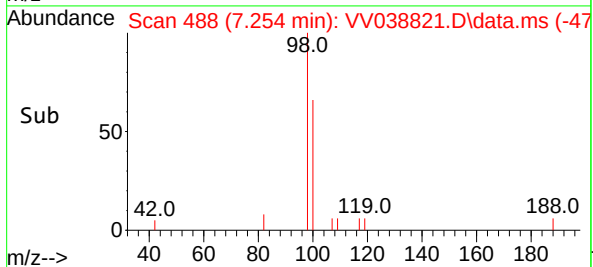
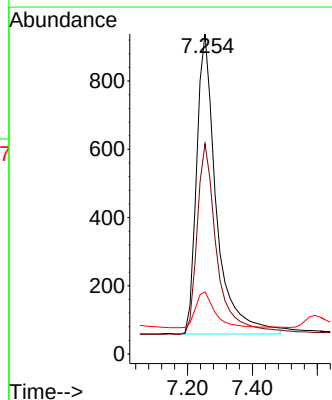
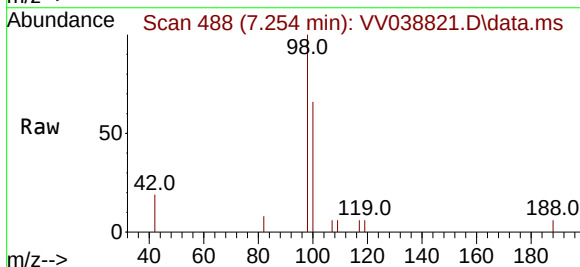
Ion	Ratio	Lower	Upper
67	100		
65	60.1	48.6	73.0
46	50.2	37.9	56.9
42	32.0	23.4	35.2

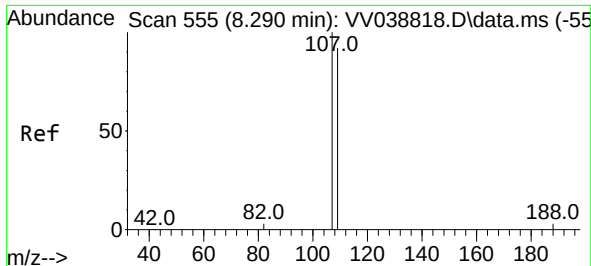


#8
Toluene-d8
Concen: 0.545 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.000 min
Lab File: VV038821.D
Acq: 23 Jun 2025 13:37

Tgt Ion: 98 Resp: 3721

Ion	Ratio	Lower	Upper
98	100		
100	63.6	44.9	83.5
42	11.7	6.3	11.7

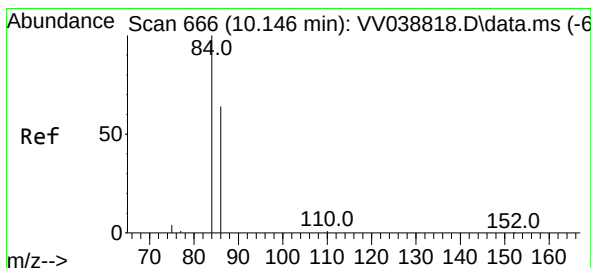
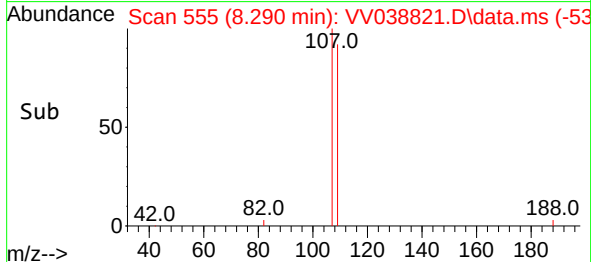
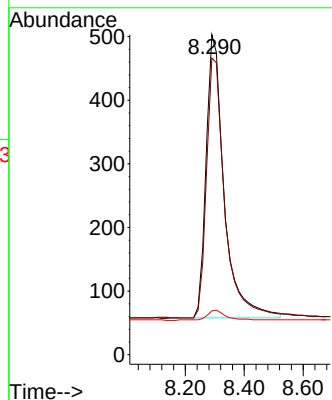
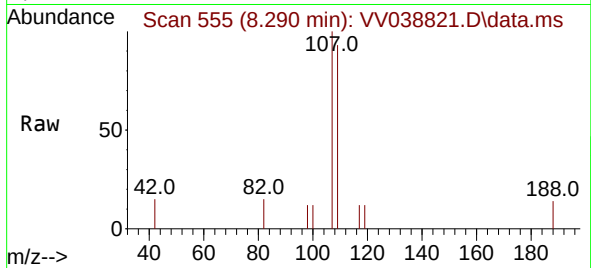




#9
 1,2-Dibromoethane
 Concen: 0.524 ug/L
 RT: 8.290 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: VV038821.D
 Acq: 23 Jun 2025 13:37

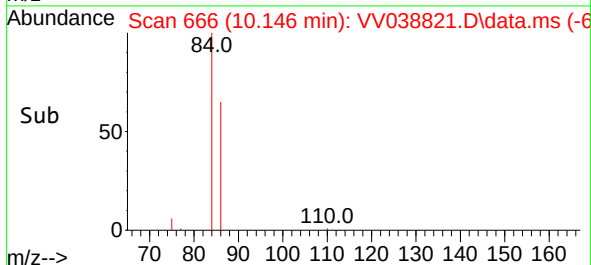
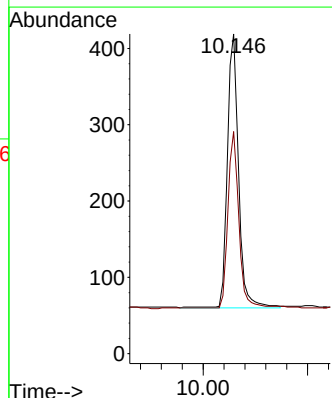
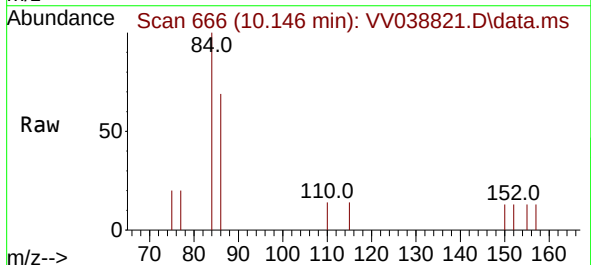
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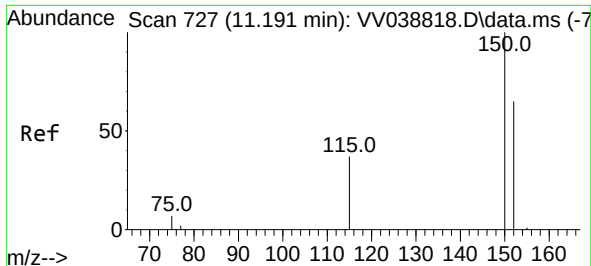
Tgt Ion:107 Resp: 1893
 Ion Ratio Lower Upper
 107 100
 109 92.6 66.4 123.2
 188 13.7 8.6 13.0#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.563 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: VV038821.D
 Acq: 23 Jun 2025 13:37

Tgt Ion: 84 Resp: 1337
 Ion Ratio Lower Upper
 84 100
 86 62.5 44.7 82.9

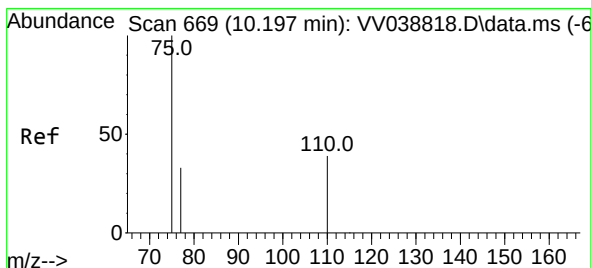
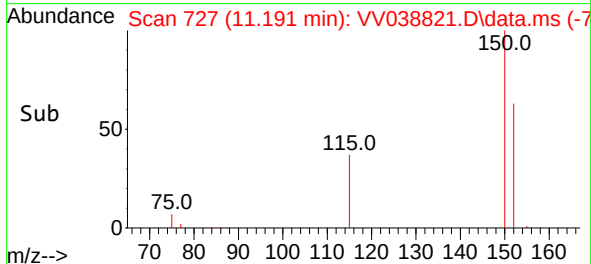
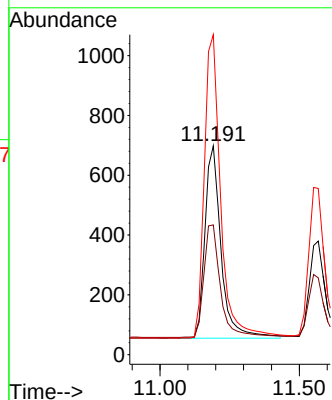
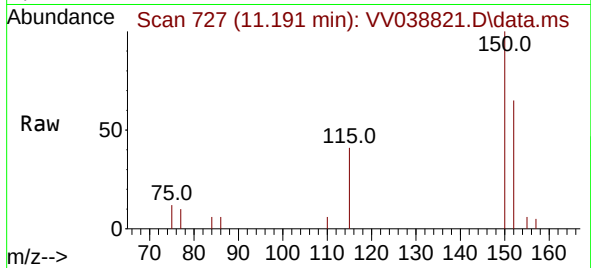




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: VV038821.D
 Acq: 23 Jun 2025 13:37

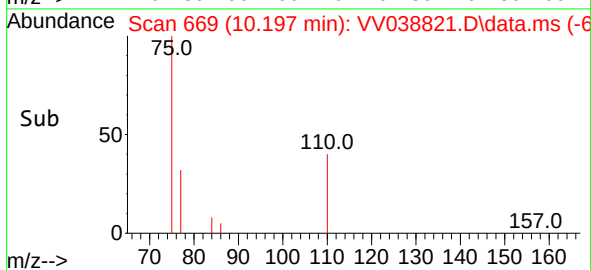
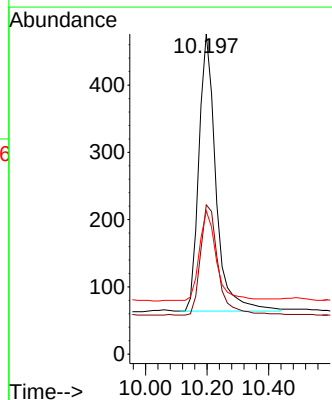
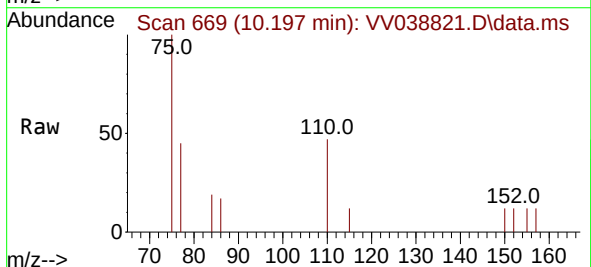
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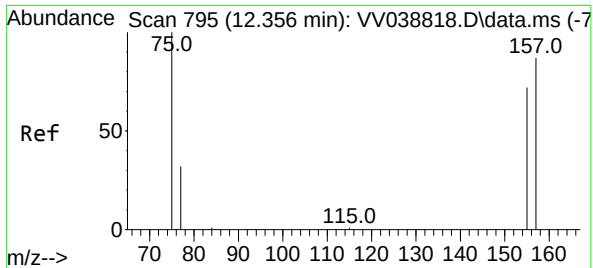
Tgt Ion:	152	Resp:	2595
Ion	Ratio	Lower	Upper
152	100		
115	60.2	0.0	114.4
150	158.5	0.0	315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.534 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV038821.D
 Acq: 23 Jun 2025 13:37

Tgt Ion:	75	Resp:	1584
Ion	Ratio	Lower	Upper
75	100		
110	41.0	33.4	50.0
77	31.8	27.0	40.6





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.497 ug/L
 RT: 12.357 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV038821.D
 Acq: 23 Jun 2025 13:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5325

Tgt Ion:	75	Resp:	302
Ion	Ratio	Lower	Upper
75	100		
157	87.2	81.1	121.7
155	78.7	70.3	105.5

