

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061825\
 Data File : VV038816.D
 Acq On : 18 Jun 2025 13:09
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5323

Quant Time: Jun 18 13:37:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 18 12:17:29 2025
 Response via : Initial Calibration

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

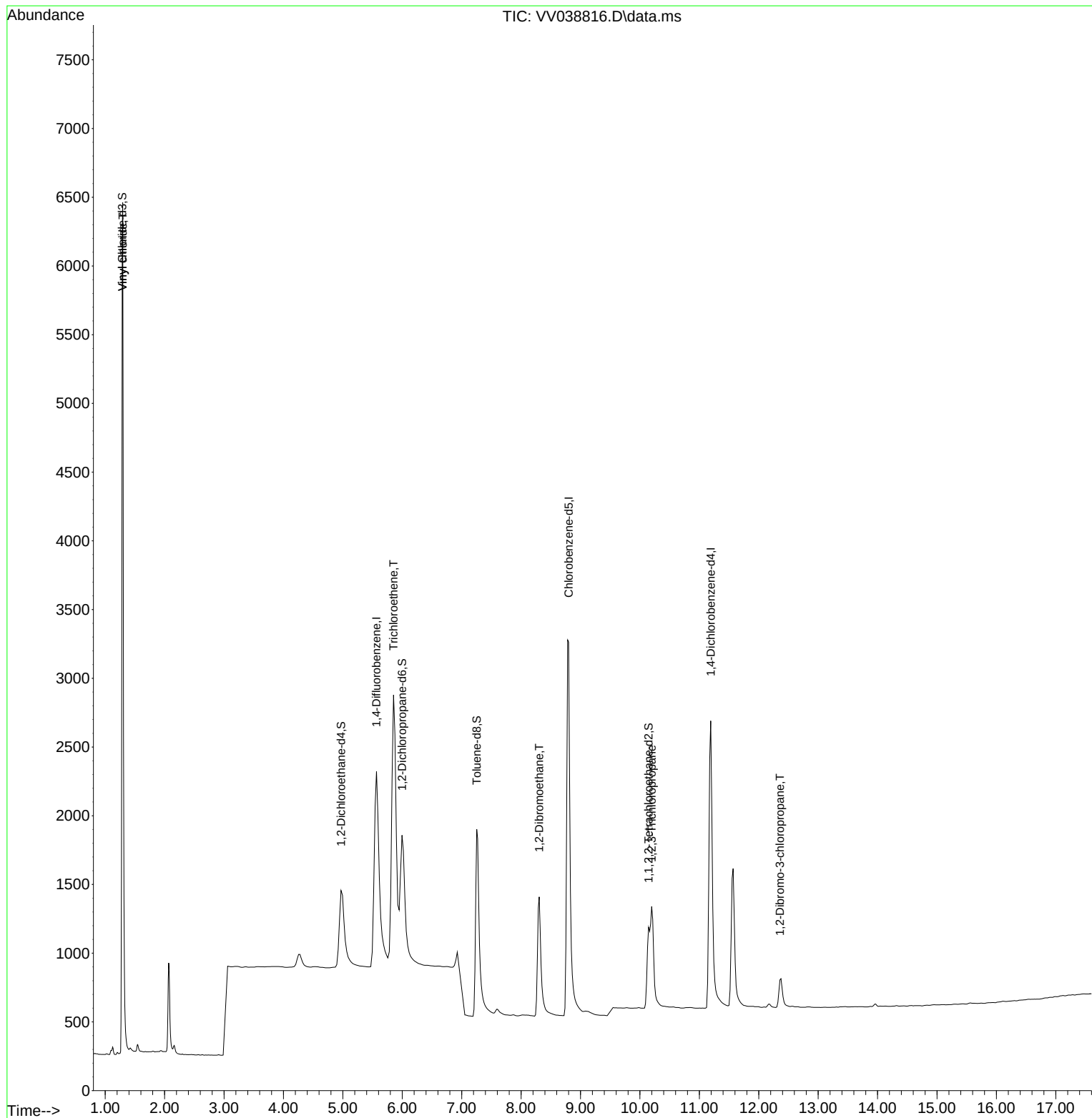
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6169	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5997	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2519	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	3036	0.518	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 104.000%	
4) 1,2-Dichloroethane-d4	4.969	65	1490	0.518	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 104.000%	
7) 1,2-Dichloropropane-d6	5.995	67	1840	0.542	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 108.000%	
8) Toluene-d8	7.253	98	3502	0.511	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 102.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1262	0.529	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	5652	0.509	ug/L	98
6) Trichloroethene	5.852	95	2849	0.492	ug/L	99
9) 1,2-Dibromoethane	8.305	107	1864	0.514	ug/L #	98
12) 1,2,3-Trichloropropane	10.197	75	1595	0.554	ug/L	97
13) 1,2-Dibromo-3-chloropr...	12.356	75	293	0.496	ug/L	85

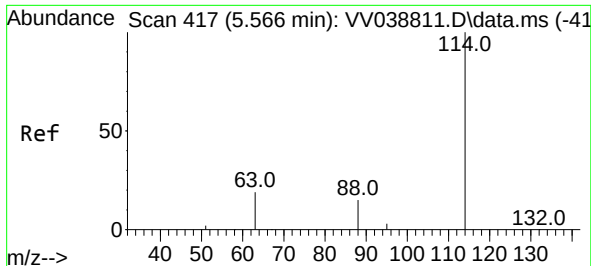
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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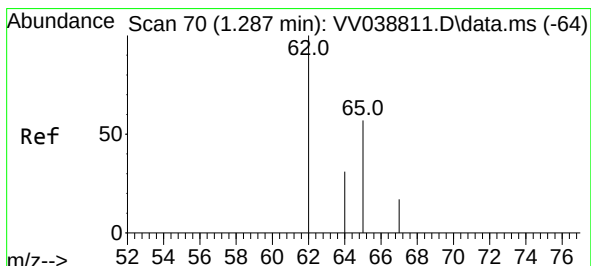
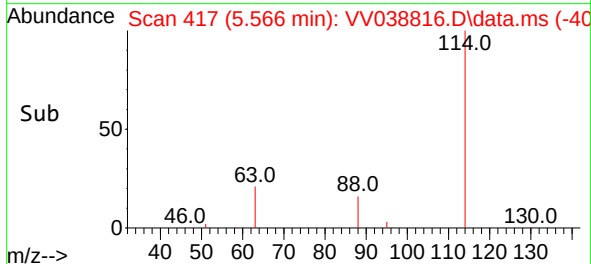
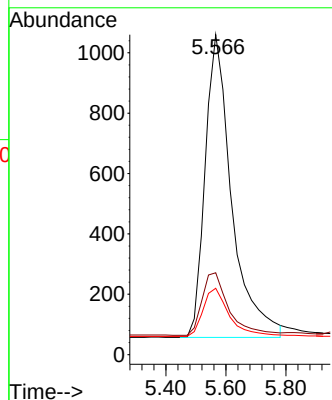
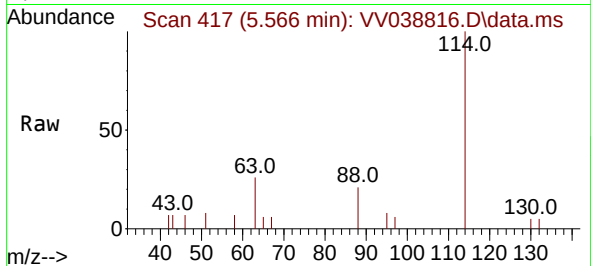




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV038816.D
Acq: 18 Jun 2025 13:09

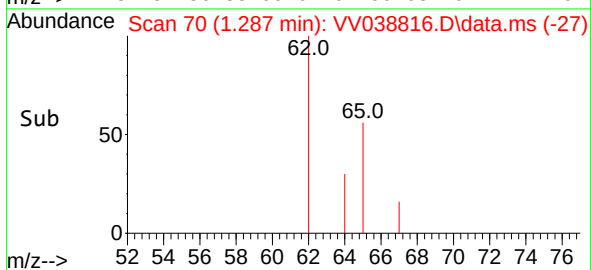
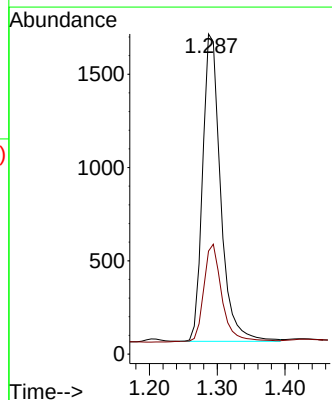
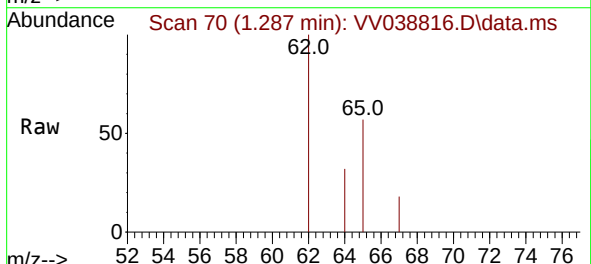
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5323

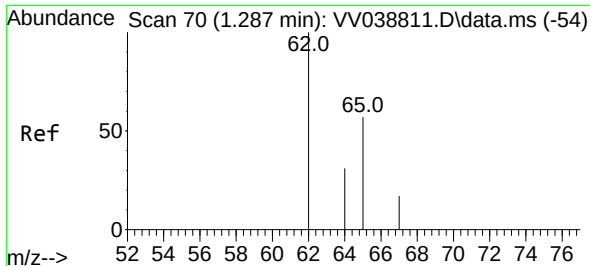
Tgt Ion:114 Resp: 6169
Ion Ratio Lower Upper
114 100
63 20.9 14.6 21.8
88 15.7 12.1 18.1



#2
Vinyl Chloride-d3
Concen: 0.518 ug/L
RT: 1.287 min Scan# 70
Delta R.T. -0.000 min
Lab File: VV038816.D
Acq: 18 Jun 2025 13:09

Tgt Ion: 65 Resp: 3036
Ion Ratio Lower Upper
65 100
67 32.6 24.4 45.4

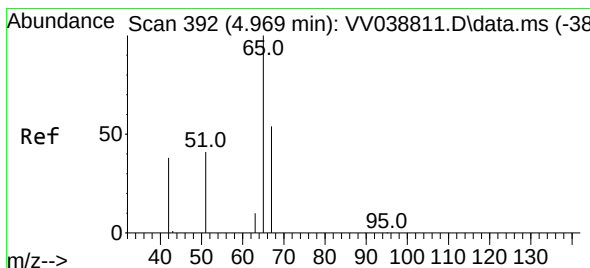
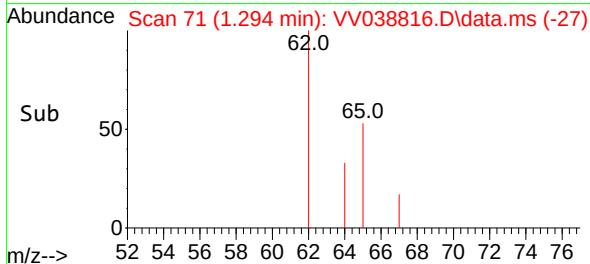
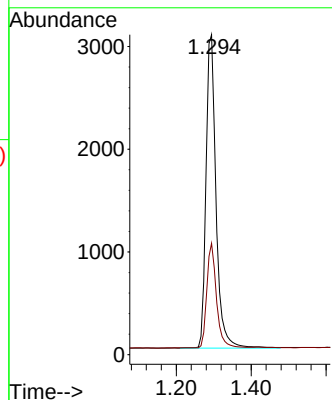
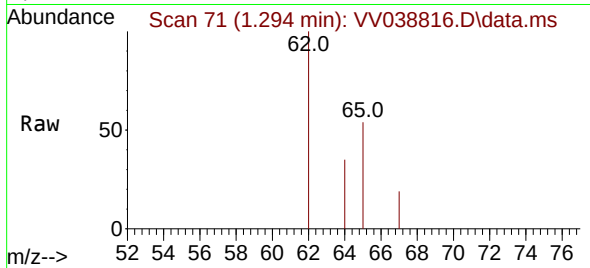




#3
 Vinyl chloride
 Concen: 0.509 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VV038816.D
 Acq: 18 Jun 2025 13:09

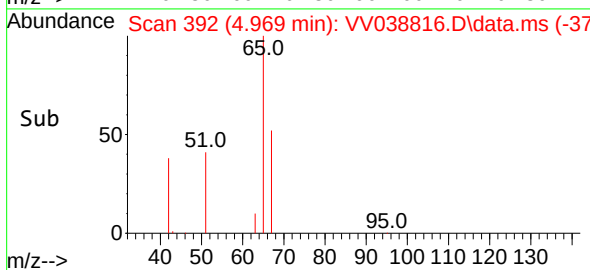
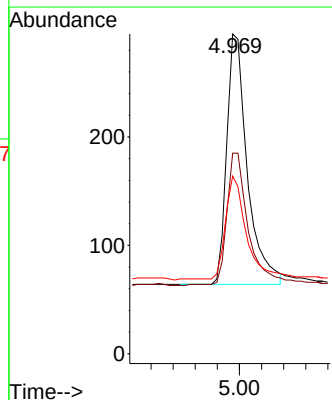
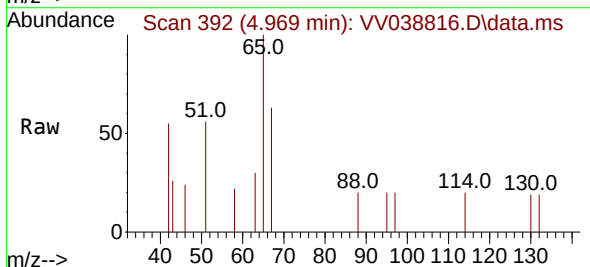
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5323

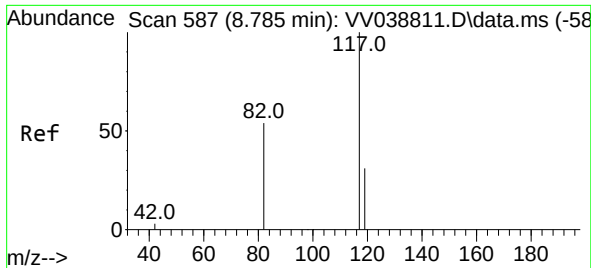
Tgt Ion: 62 Resp: 5652
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.4 43.4



#4
 1,2-Dichloroethane-d4
 Concen: 0.518 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. -0.000 min
 Lab File: VV038816.D
 Acq: 18 Jun 2025 13:09

Tgt Ion: 65 Resp: 1490
 Ion Ratio Lower Upper
 65 100
 67 54.7 38.9 72.2
 51 41.0 25.8 47.8

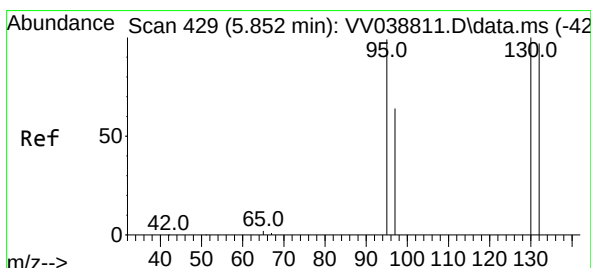
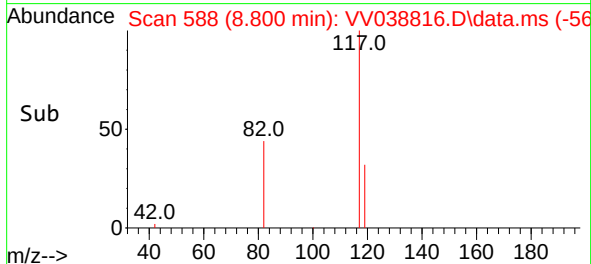
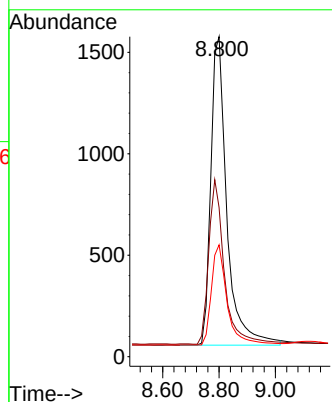
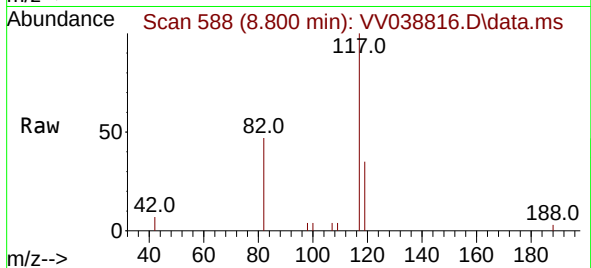




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 511
Delta R.T. 0.015 min
Lab File: VV038816.D
Acq: 18 Jun 2025 13:09

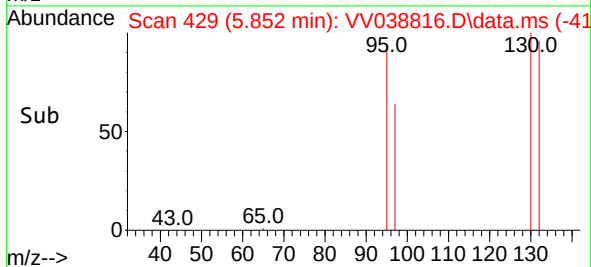
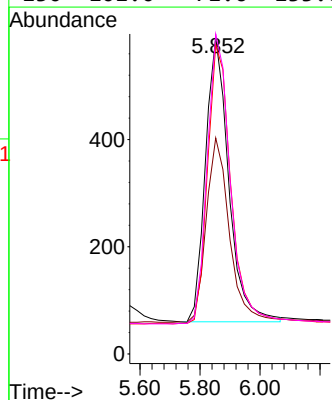
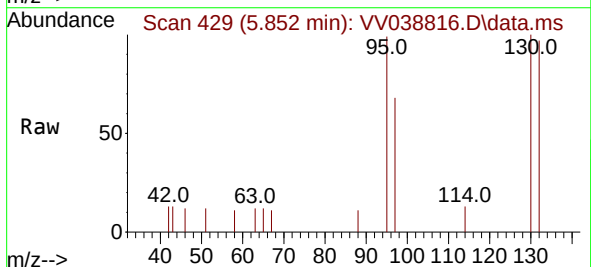
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5323

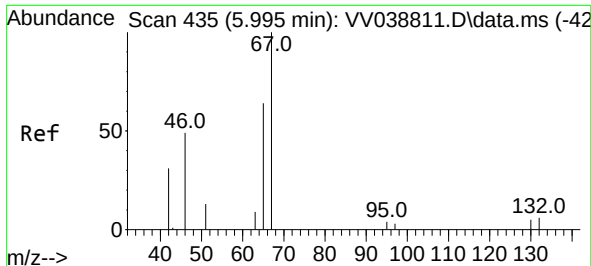
Tgt Ion:	117	Resp:	5997
Ion	Ratio	Lower	Upper
117	100		
82	52.0	40.6	60.8
119	31.9	25.7	38.5



#6
Trichloroethene
Concen: 0.492 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV038816.D
Acq: 18 Jun 2025 13:09

Tgt Ion:	95	Resp:	2849
Ion	Ratio	Lower	Upper
95	100		
97	68.2	46.5	86.5
132	97.6	68.4	127.0
130	101.0	71.6	133.0



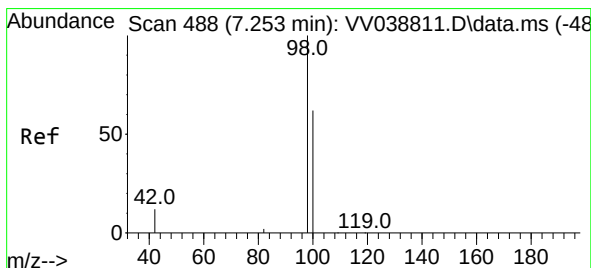
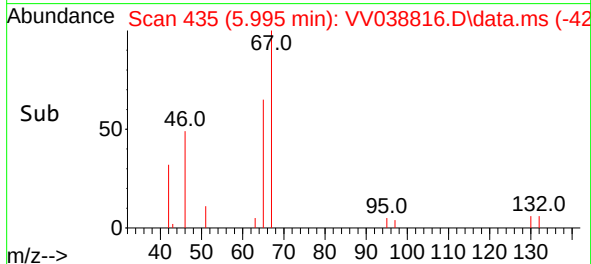
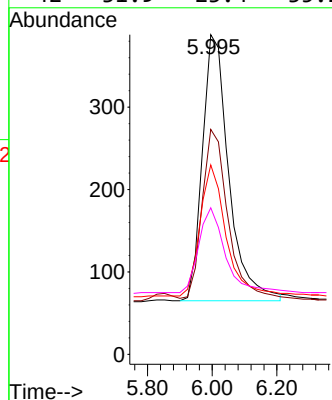
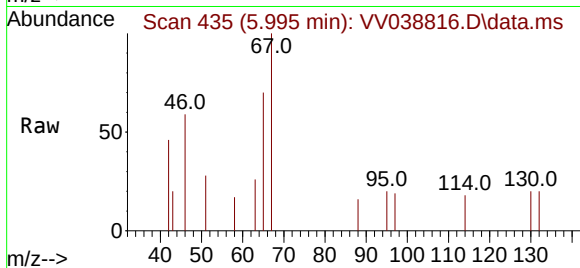


#7
1,2-Dichloropropane-d6
Concen: 0.542 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038816.D
Acq: 18 Jun 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5323

Tgt Ion: 67 Resp: 1840

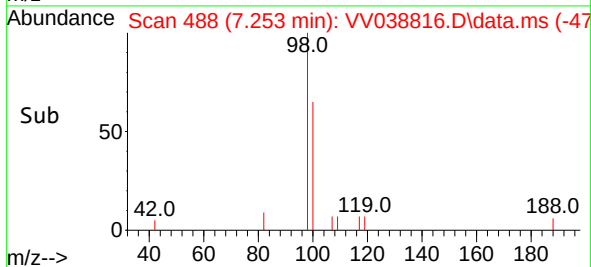
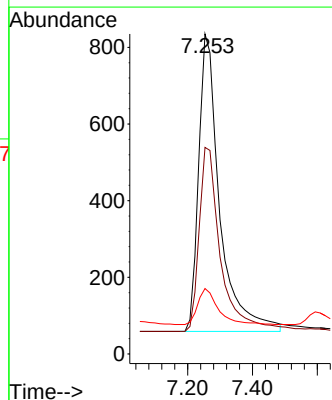
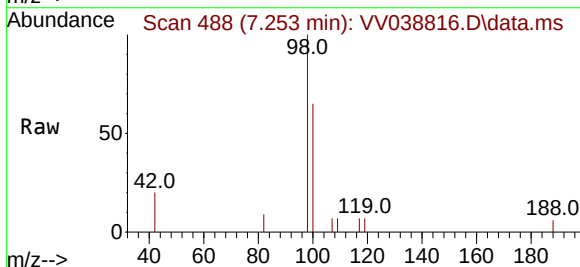
Ion	Ratio	Lower	Upper
67	100		
65	61.7	48.6	73.0
46	48.2	37.9	56.9
42	31.9	23.4	35.2

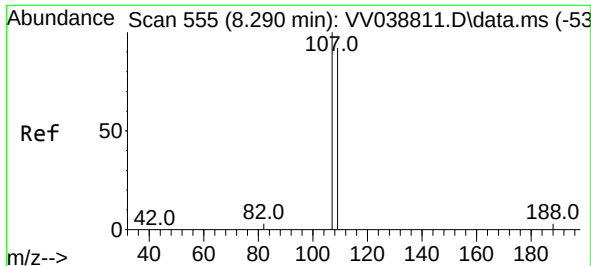


#8
Toluene-d8
Concen: 0.511 ug/L
RT: 7.253 min Scan# 488
Delta R.T. -0.000 min
Lab File: VV038816.D
Acq: 18 Jun 2025 13:09

Tgt Ion: 98 Resp: 3502

Ion	Ratio	Lower	Upper
98	100		
100	62.5	44.9	83.5
42	11.6	6.3	11.7

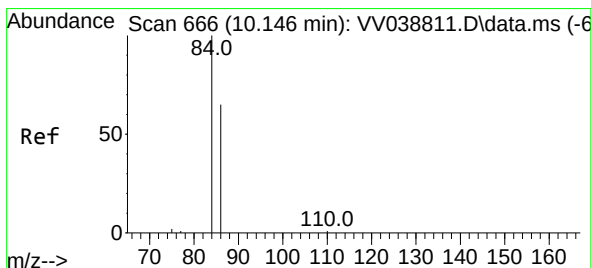
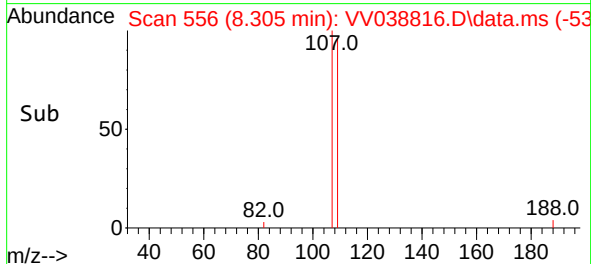
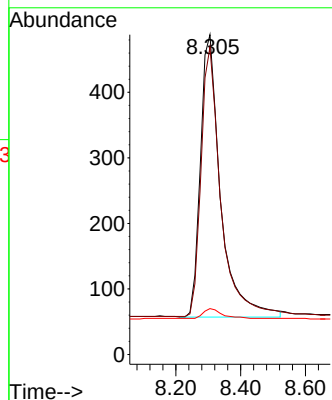
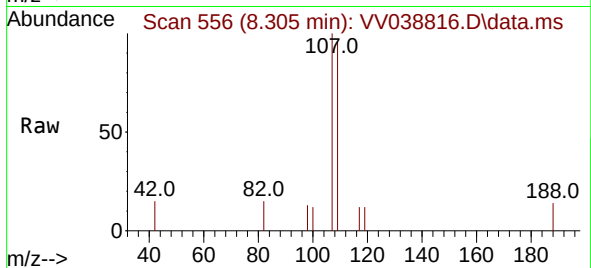




#9
 1,2-Dibromoethane
 Concen: 0.514 ug/L
 RT: 8.305 min Scan# 555
 Delta R.T. 0.015 min
 Lab File: VV038816.D
 Acq: 18 Jun 2025 13:09

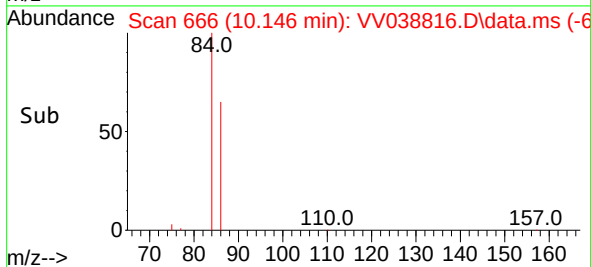
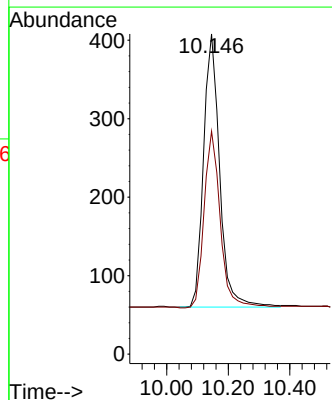
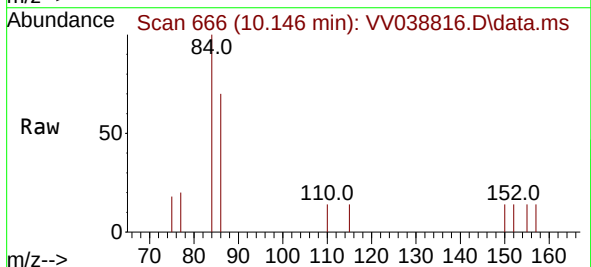
Instrument :
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 VSTD0.5323

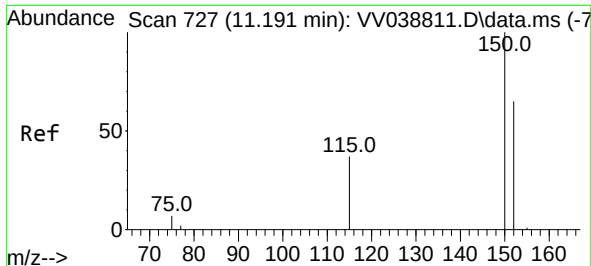
Tgt Ion:107 Resp: 1864
 Ion Ratio Lower Upper
 107 100
 109 96.1 66.4 123.2
 188 14.3 8.6 13.0#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.529 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: VV038816.D
 Acq: 18 Jun 2025 13:09

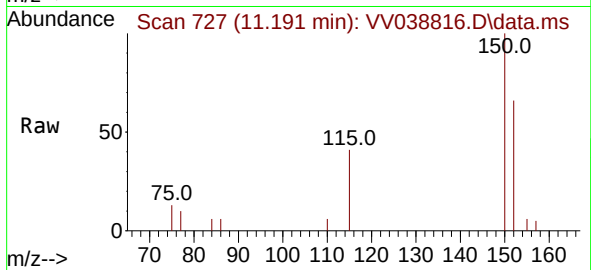
Tgt Ion: 84 Resp: 1262
 Ion Ratio Lower Upper
 84 100
 86 65.1 44.7 82.9



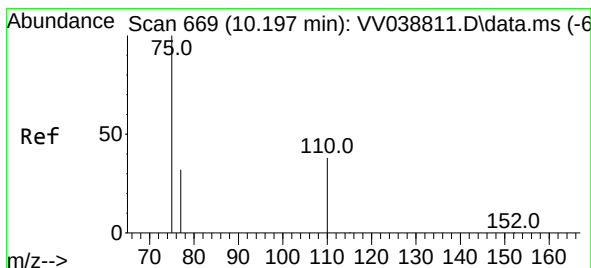
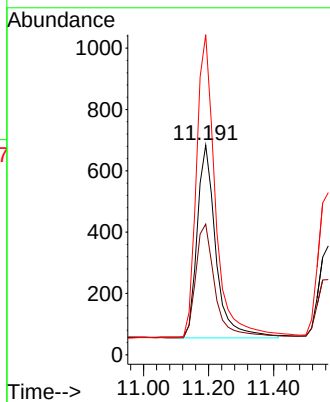
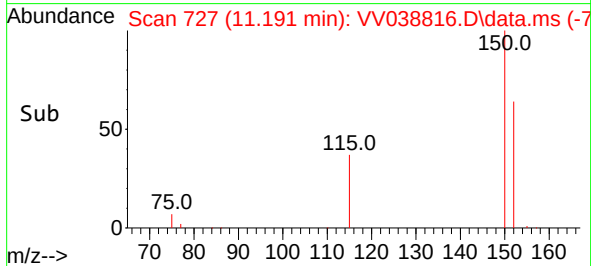


#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. -0.000 min
 Lab File: VV038816.D
 Acq: 18 Jun 2025 13:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5323

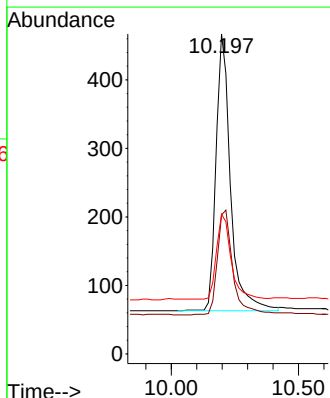
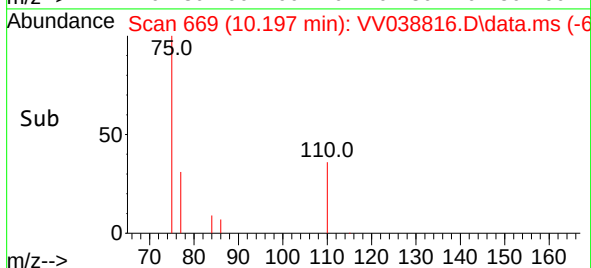
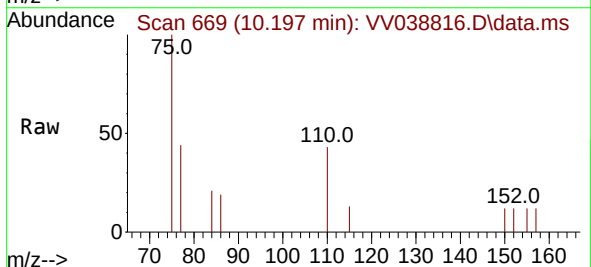


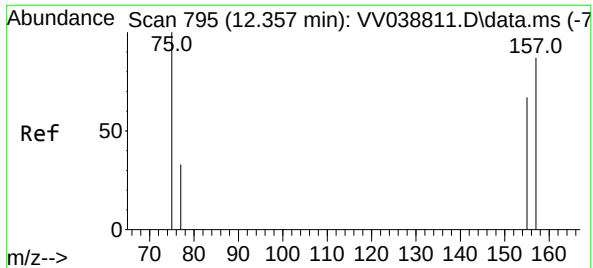
Tgt Ion:	152	Resp:	2519
Ion	Ratio	Lower	Upper
152	100		
115	60.7	0.0	114.4
150	160.4	0.0	315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.554 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. -0.000 min
 Lab File: VV038816.D
 Acq: 18 Jun 2025 13:09

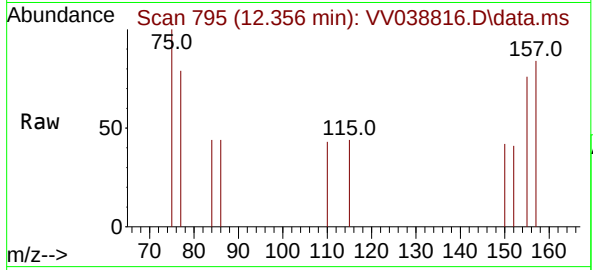
Tgt Ion:	75	Resp:	1595
Ion	Ratio	Lower	Upper
75	100		
110	40.6	33.4	50.0
77	30.9	27.0	40.6





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.496 ug/L
 RT: 12.356 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VV038816.D
 Acq: 18 Jun 2025 13:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5323



Tgt Ion:	75	Resp:	293
Ion	Ratio	Lower	Upper
75	100		
157	84.4	81.1	121.7
155	76.3	70.3	105.5

