

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061825\
 Data File : VV038811.D
 Acq On : 18 Jun 2025 10:19
 Operator : SY/MD
 Sample : VSTDCCC0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5322

Quant Time: Jun 18 10:47:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 16 14:53:20 2025
 Response via : Initial Calibration

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

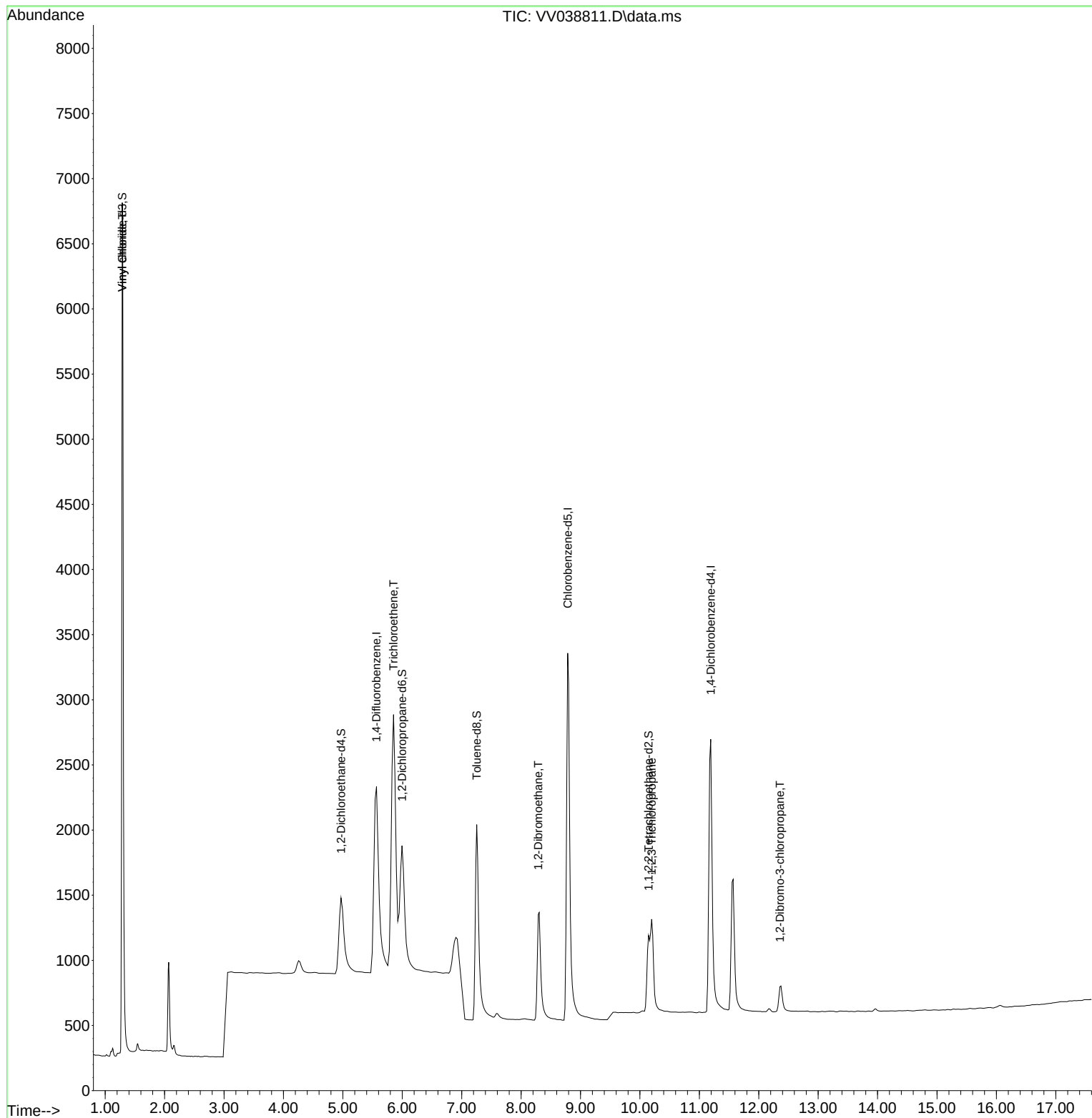
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6326	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5881	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2552	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	3238	0.539	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 108.000%	
4) 1,2-Dichloroethane-d4	4.969	65	1535	0.521	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 104.000%	
7) 1,2-Dichloropropane-d6	5.995	67	1910	0.574	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 114.000%	
8) Toluene-d8	7.253	98	3706	0.551	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 110.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1272	0.544	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 108.000%	
Target Compounds						Qvalue
3) Vinyl chloride	1.287	62	5870	0.515	ug/L	98
6) Trichloroethene	5.852	95	2892	0.509	ug/L	99
9) 1,2-Dibromoethane	8.290	107	1787	0.503	ug/L #	97
12) 1,2,3-Trichloropropane	10.197	75	1477	0.507	ug/L	98
13) 1,2-Dibromo-3-chloropr...	12.357	75	266	0.445	ug/L	86

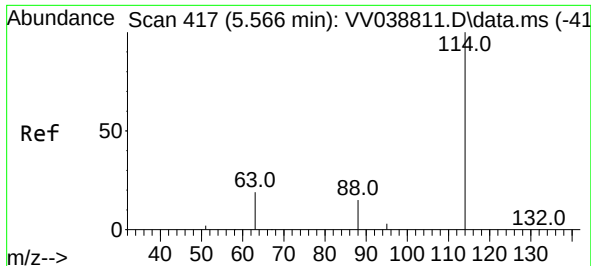
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

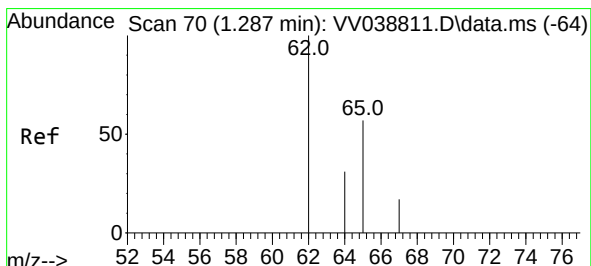
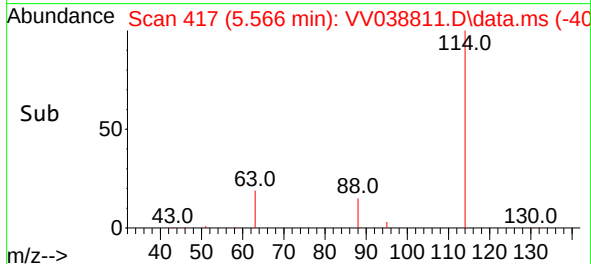
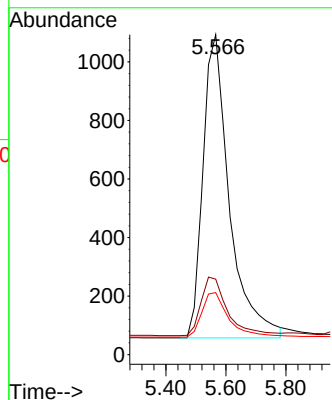
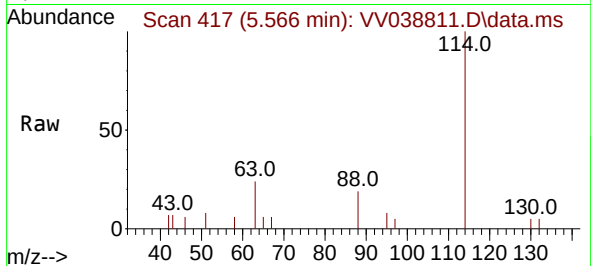




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038811.D
Acq: 18 Jun 2025 10:19

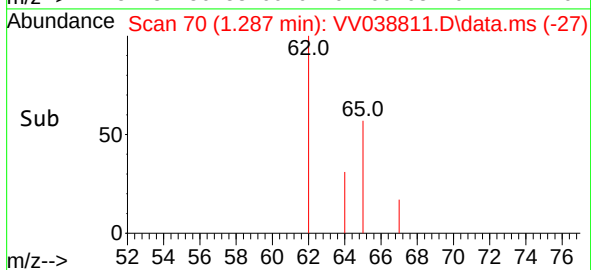
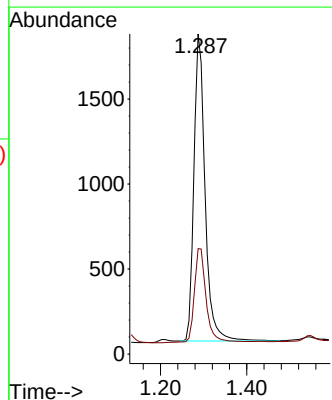
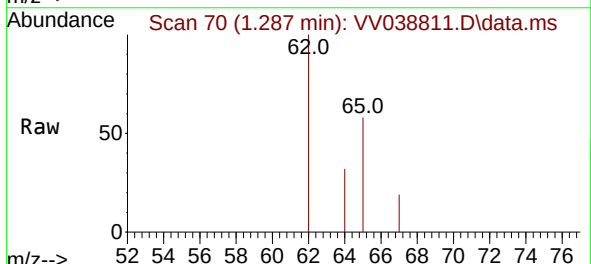
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5322

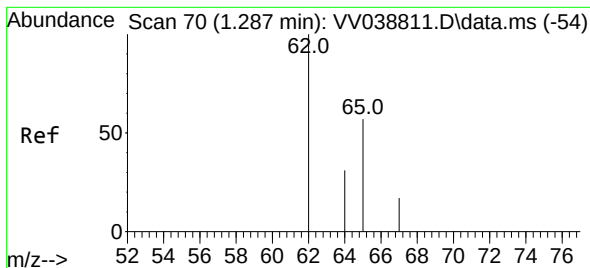
Tgt Ion:	114	Resp:	6326
Ion	Ratio	Lower	Upper
114	100		
63	19.3	14.6	21.8
88	14.8	12.1	18.1



#2
Vinyl Chloride-d3
Concen: 0.539 ug/L
RT: 1.287 min Scan# 70
Delta R.T. 0.000 min
Lab File: VV038811.D
Acq: 18 Jun 2025 10:19

Tgt Ion:	65	Resp:	3238
Ion	Ratio	Lower	Upper
65	100		
67	33.2	24.4	45.4





#3

Vinyl chloride

Concen: 0.515 ug/L

RT: 1.287 min Scan# 70

Delta R.T. -0.007 min

Lab File: VV038811.D

Acq: 18 Jun 2025 10:19

Instrument :

MSVOA_V

ClientSampleId :

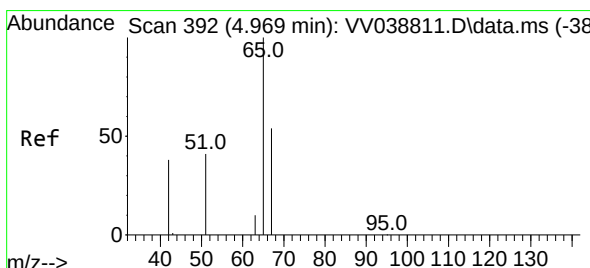
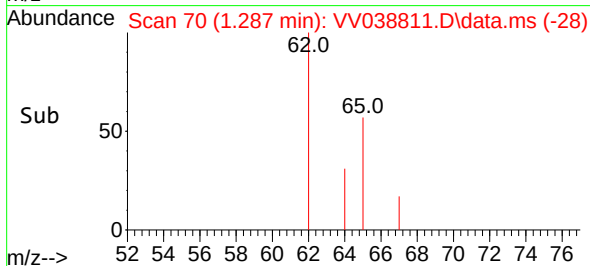
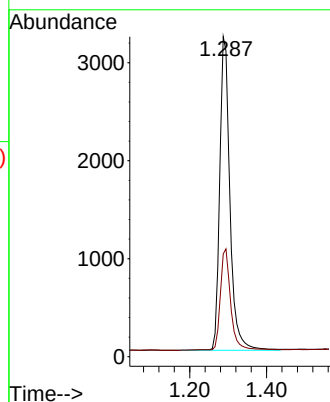
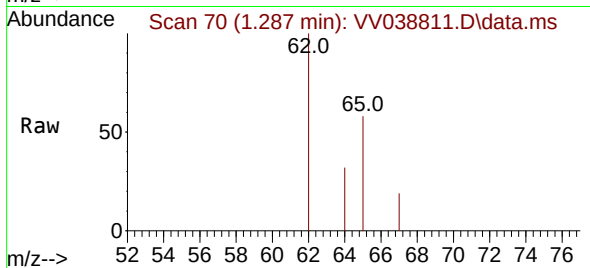
VSTD0.5322

Tgt Ion: 62 Resp: 5870

Ion Ratio Lower Upper

62 100

64 32.1 23.4 43.4



#4

1,2-Dichloroethane-d4

Concen: 0.521 ug/L

RT: 4.969 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV038811.D

Acq: 18 Jun 2025 10:19

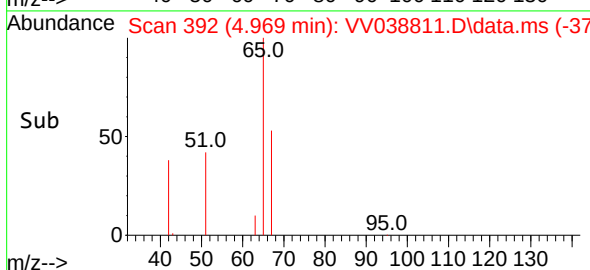
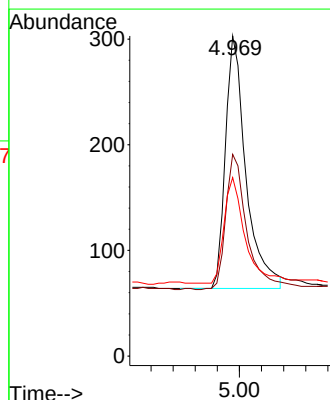
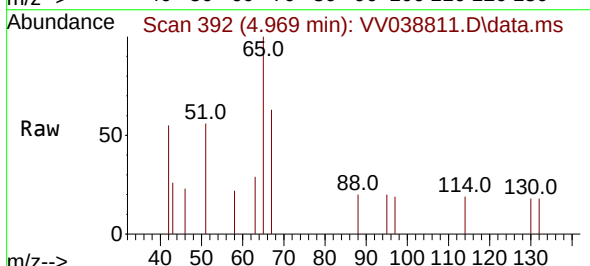
Tgt Ion: 65 Resp: 1535

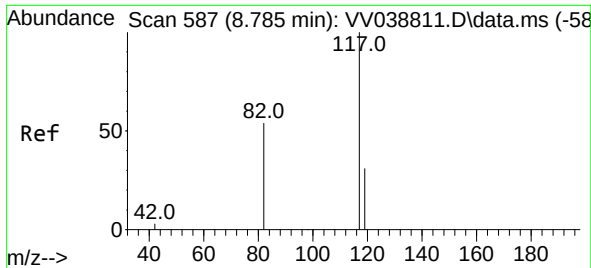
Ion Ratio Lower Upper

65 100

67 54.5 38.9 72.2

51 42.3 25.8 47.8

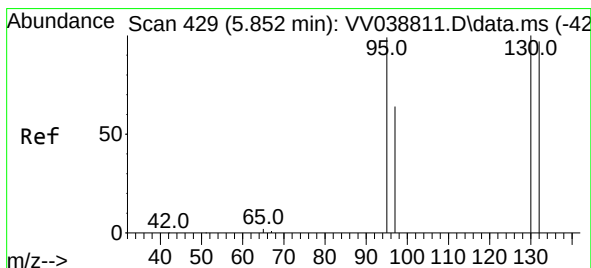
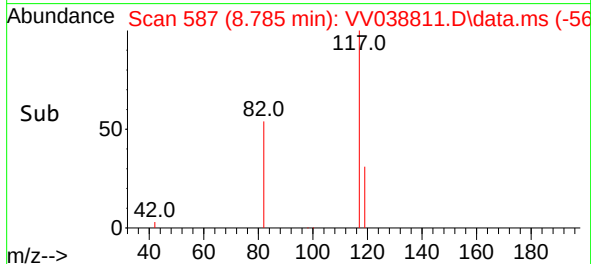
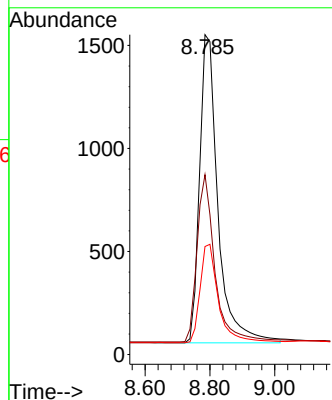
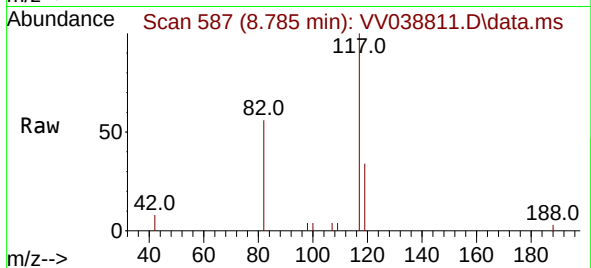




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV038811.D
Acq: 18 Jun 2025 10:19

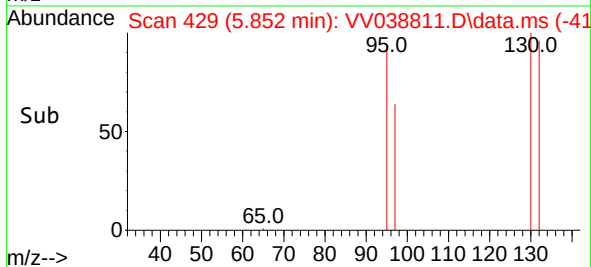
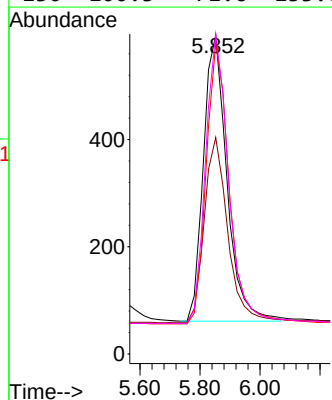
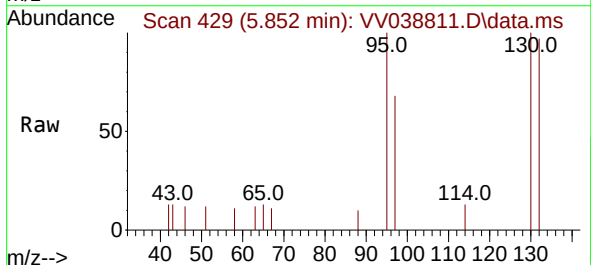
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5322

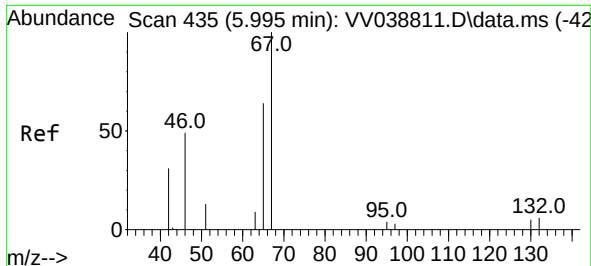
Tgt Ion:	117	Resp:	5881
Ion	Ratio	Lower	Upper
117	100		
82	52.5	40.6	60.8
119	32.0	25.7	38.5



#6
Trichloroethene
Concen: 0.509 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV038811.D
Acq: 18 Jun 2025 10:19

Tgt Ion:	95	Resp:	2892
Ion	Ratio	Lower	Upper
95	100		
97	67.9	46.5	86.5
132	97.3	68.4	127.0
130	100.3	71.6	133.0



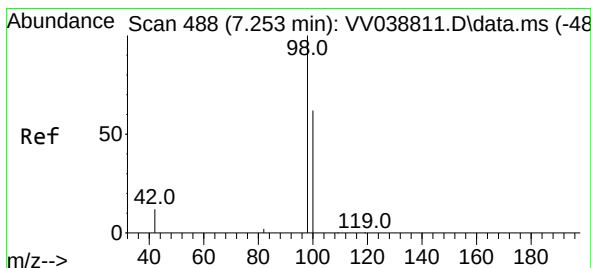
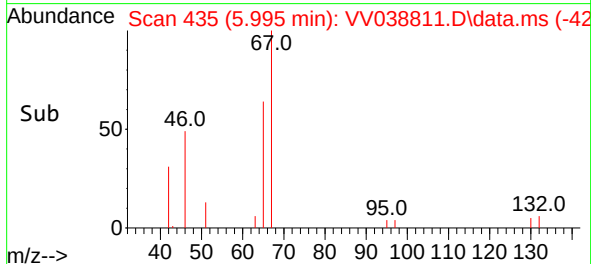
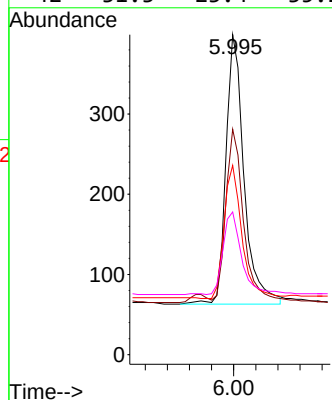
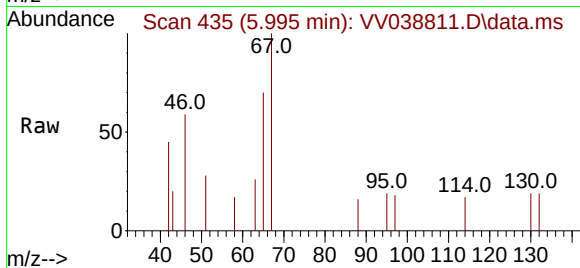


#7
 1,2-Dichloropropane-d6
 Concen: 0.574 ug/L
 RT: 5.995 min Scan# 435
 Delta R.T. 0.000 min
 Lab File: VV038811.D
 Acq: 18 Jun 2025 10:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5322

Tgt Ion: 67 Resp: 1910

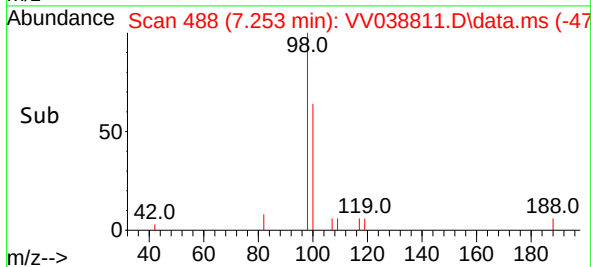
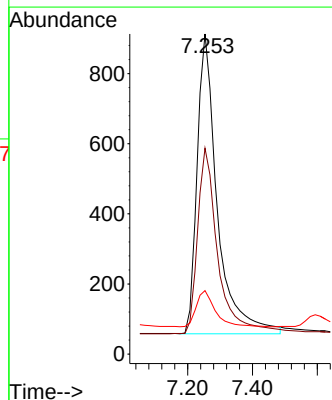
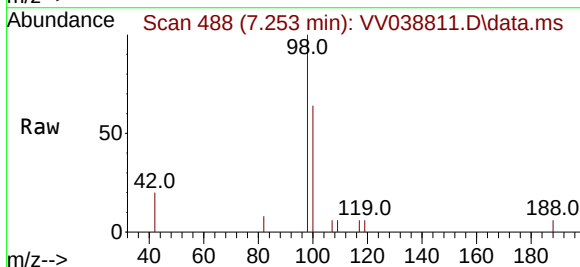
Ion	Ratio	Lower	Upper
67	100		
65	60.7	48.6	73.0
46	49.0	37.9	56.9
42	31.3	23.4	35.2

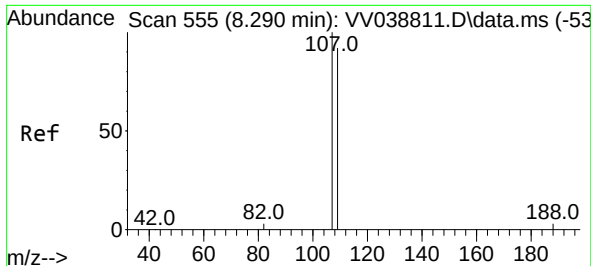


#8
 Toluene-d8
 Concen: 0.551 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038811.D
 Acq: 18 Jun 2025 10:19

Tgt Ion: 98 Resp: 3706

Ion	Ratio	Lower	Upper
98	100		
100	61.4	44.9	83.5
42	11.3	6.3	11.7

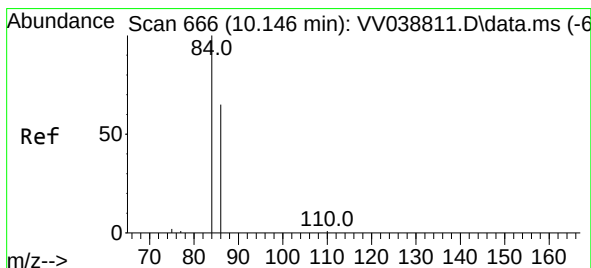
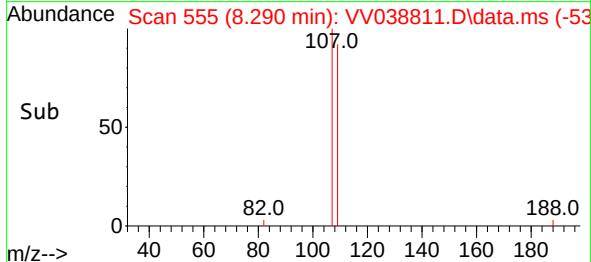
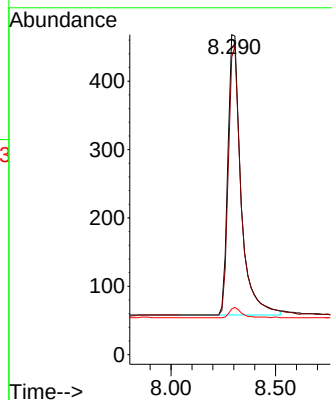
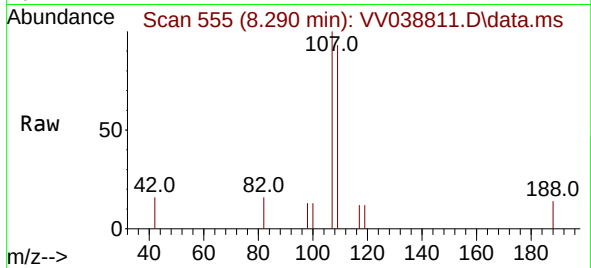




#9
1,2-Dibromoethane
Concen: 0.503 ug/L
RT: 8.290 min Scan# 555
Delta R.T. -0.000 min
Lab File: VV038811.D
Acq: 18 Jun 2025 10:19

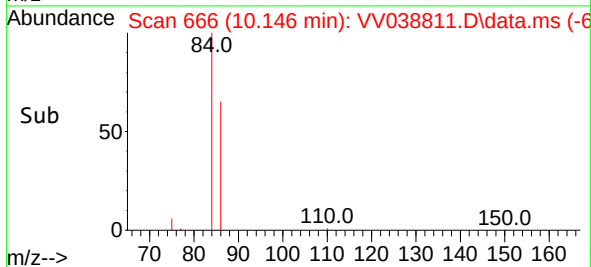
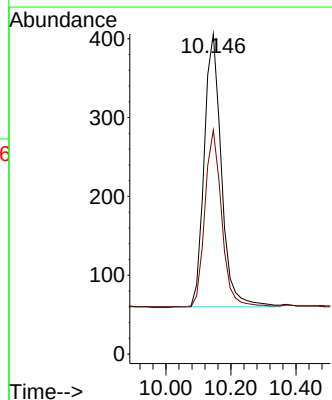
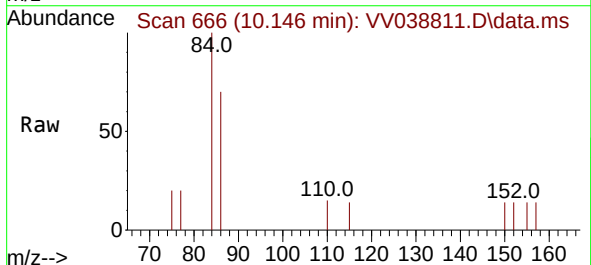
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5322

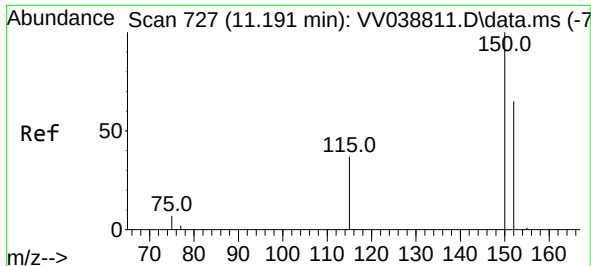
Tgt Ion:107 Resp: 1787
Ion Ratio Lower Upper
107 100
109 92.9 66.4 123.2
188 14.3 8.6 13.0#



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.544 ug/L
RT: 10.146 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV038811.D
Acq: 18 Jun 2025 10:19

Tgt Ion: 84 Resp: 1272
Ion Ratio Lower Upper
84 100
86 64.5 44.7 82.9

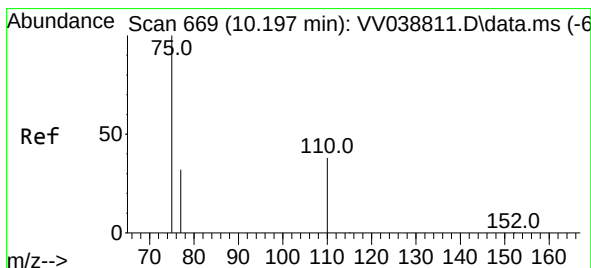
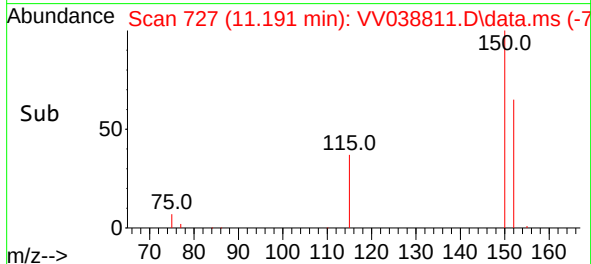
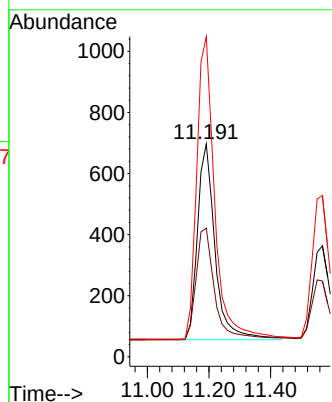
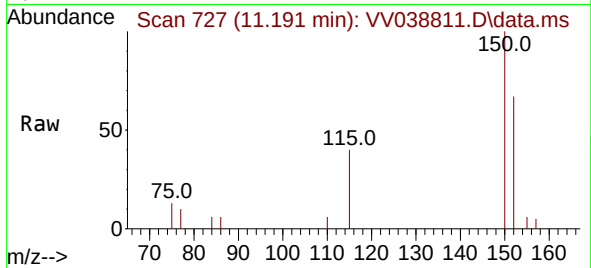




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. -0.000 min
 Lab File: VV038811.D
 Acq: 18 Jun 2025 10:19

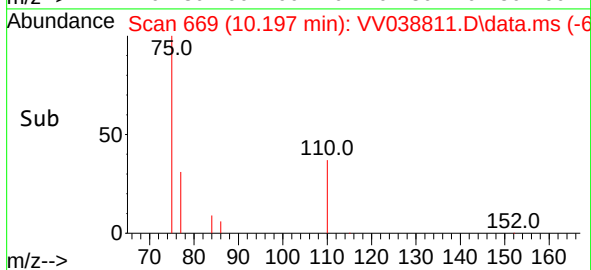
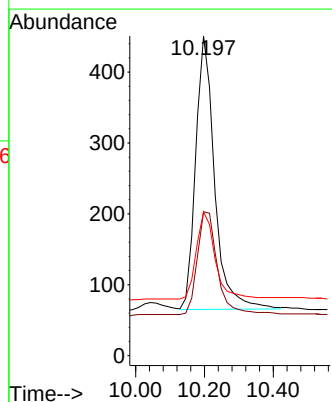
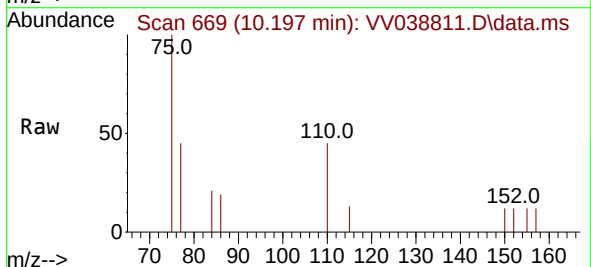
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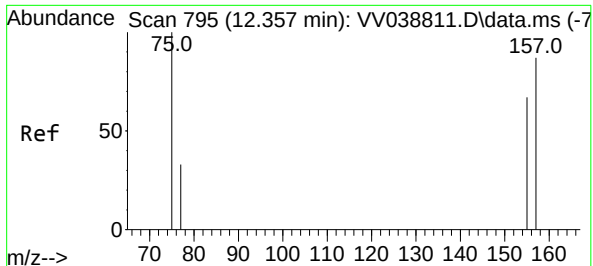
Tgt Ion:	152	Resp:	2552
Ion	Ratio	Lower	Upper
152	100		
115	58.4	0.0	114.4
150	157.7	0.0	315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.507 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. -0.000 min
 Lab File: VV038811.D
 Acq: 18 Jun 2025 10:19

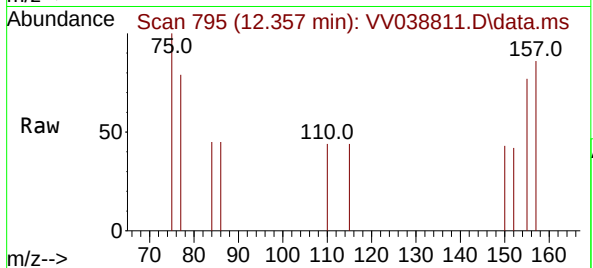
Tgt Ion:	75	Resp:	1477
Ion	Ratio	Lower	Upper
75	100		
110	41.8	33.4	50.0
77	31.5	27.0	40.6





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.445 ug/L
 RT: 12.357 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VV038811.D
 Acq: 18 Jun 2025 10:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5322



Tgt Ion:	75	Resp:	266
Ion	Ratio	Lower	Upper
75	100		
157	85.6	81.1	121.7
155	76.5	70.3	105.5

