

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062325\
 Data File : VV038818.D
 Acq On : 23 Jun 2025 08:44
 Operator : SY/MD
 Sample : VSTDCCC0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5324

Quant Time: Jun 24 01:37:18 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)

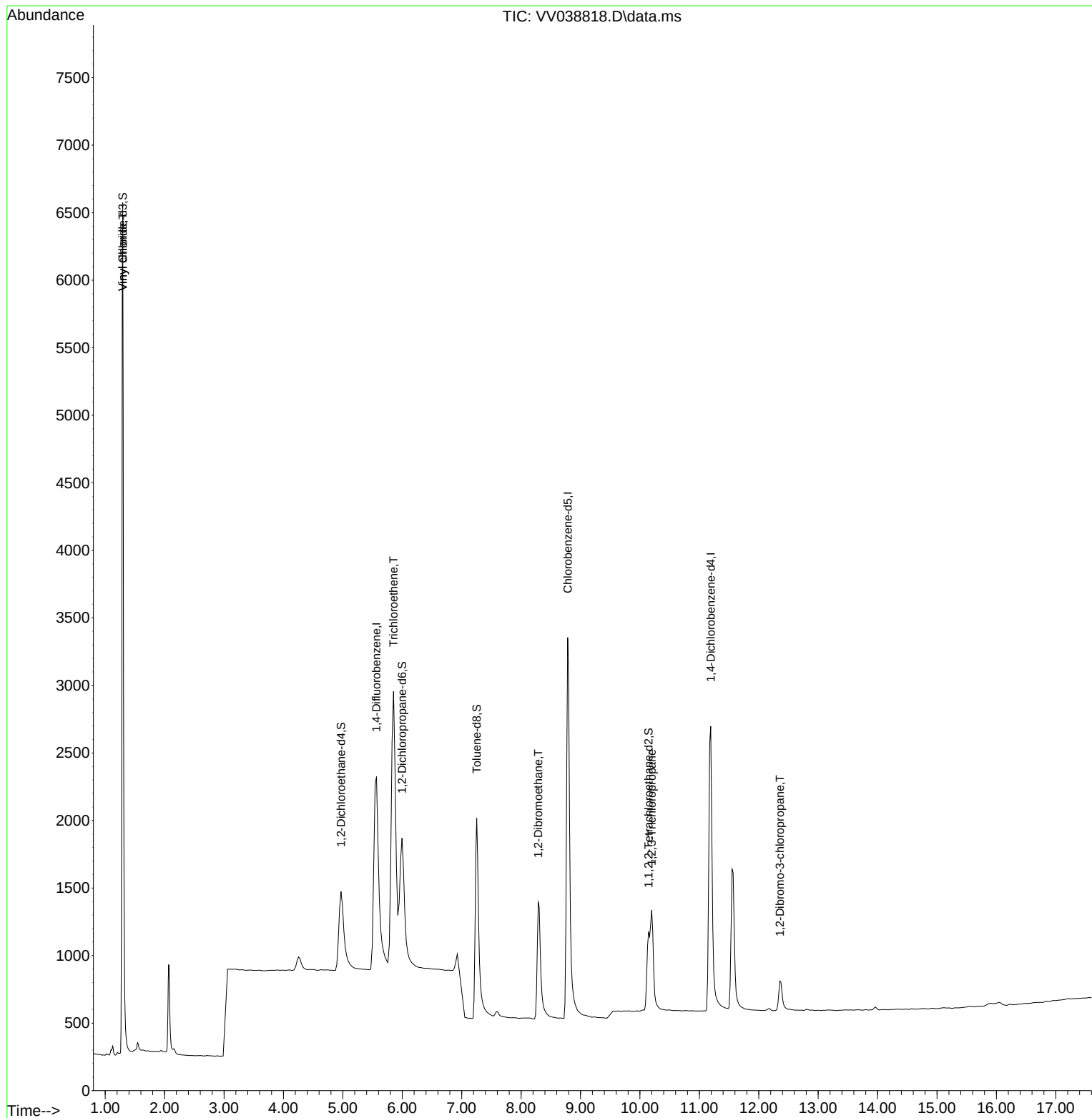
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6318	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5798	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2580	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3050	0.508	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 102.000%	
4) 1,2-Dichloroethane-d4	4.969	65	1505	0.511	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 102.000%	
7) 1,2-Dichloropropane-d6	5.995	67	1804	0.549	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 110.000%	
8) Toluene-d8	7.253	98	3618	0.546	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 110.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1259	0.546	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 110.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	5786	0.509	ug/L	99
6) Trichloroethene	5.852	95	2989	0.534	ug/L	99
9) 1,2-Dibromoethane	8.290	107	1855	0.529	ug/L #	97
12) 1,2,3-Trichloropropane	10.197	75	1538	0.522	ug/L	99
13) 1,2-Dibromo-3-chloropr...	12.356	75	330	0.546	ug/L	88

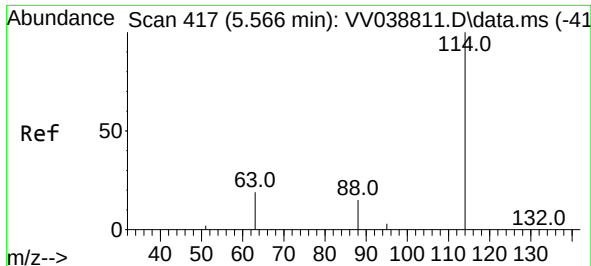
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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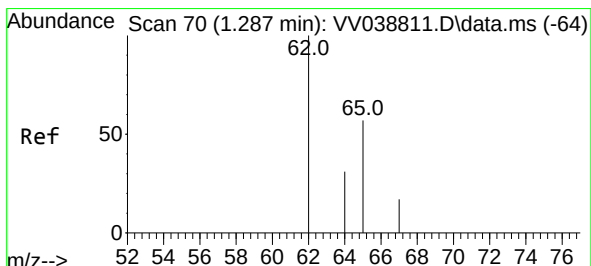
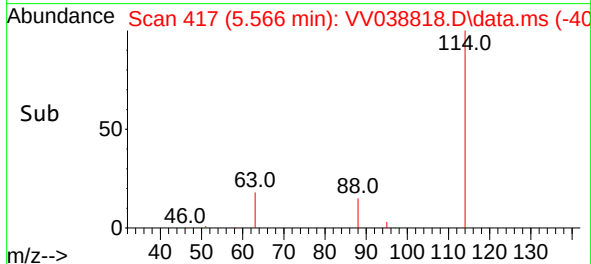
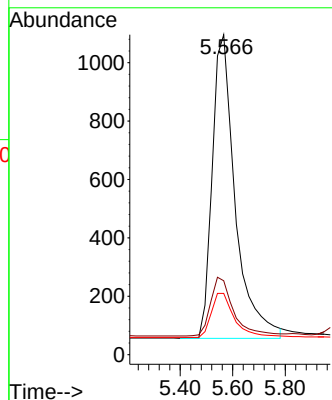
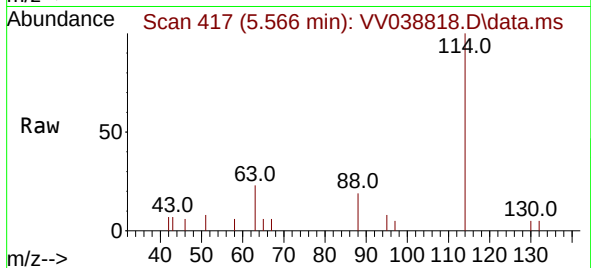




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038818.D
Acq: 23 Jun 2025 08:44

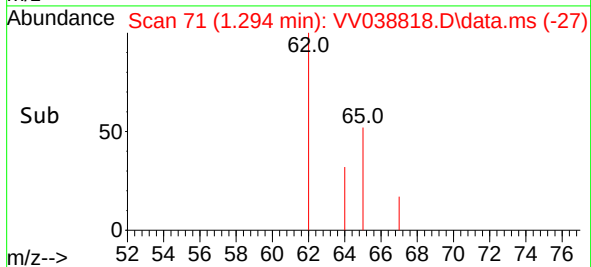
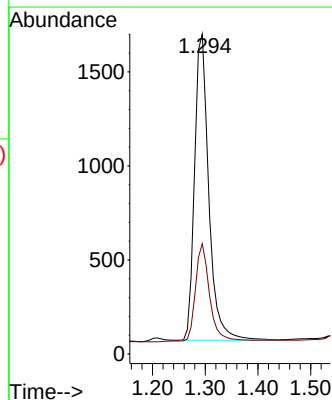
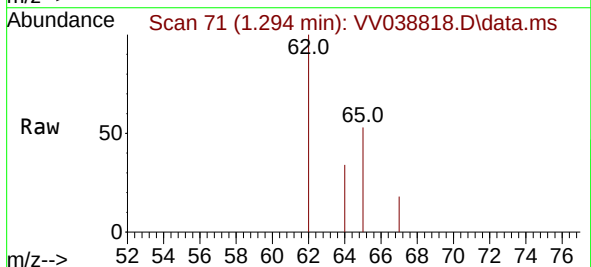
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5324

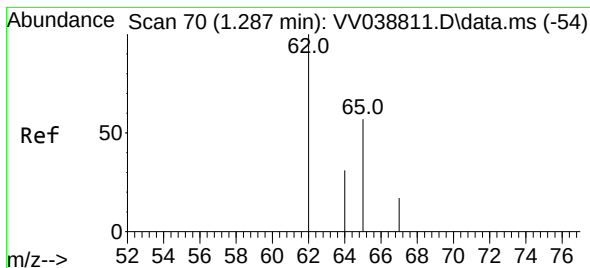
Tgt Ion:	114	Resp:	6318
Ion	Ratio	Lower	Upper
114	100		
63	19.3	14.6	21.8
88	14.6	12.1	18.1



#2
Vinyl Chloride-d3
Concen: 0.508 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.007 min
Lab File: VV038818.D
Acq: 23 Jun 2025 08:44

Tgt Ion:	65	Resp:	3050
Ion	Ratio	Lower	Upper
65	100		
67	32.5	24.4	45.4





#3

Vinyl chloride

Concen: 0.509 ug/L

RT: 1.294 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV038818.D

Acq: 23 Jun 2025 08:44

Instrument :

MSVOA_V

ClientSampleId :

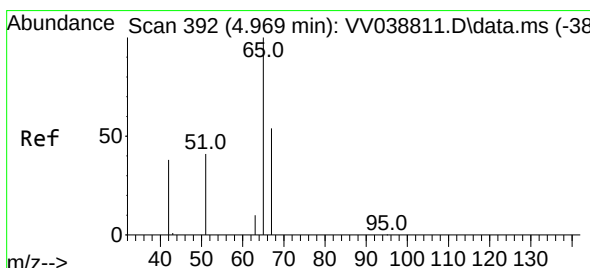
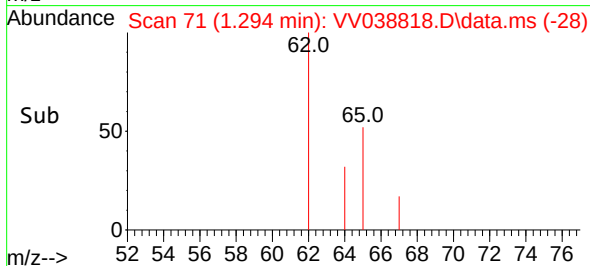
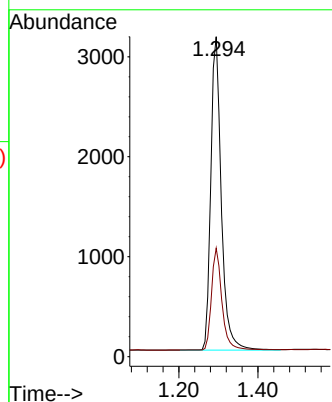
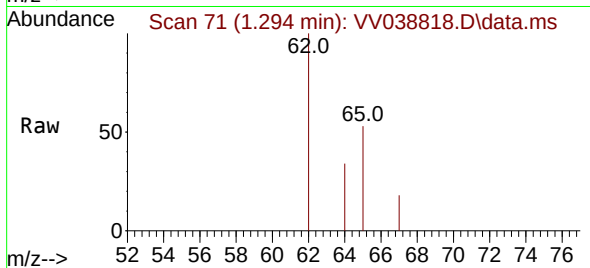
VSTD0.5324

Tgt Ion: 62 Resp: 5786

Ion Ratio Lower Upper

62 100

64 33.9 23.4 43.4



#4

1,2-Dichloroethane-d4

Concen: 0.511 ug/L

RT: 4.969 min Scan# 392

Delta R.T. -0.000 min

Lab File: VV038818.D

Acq: 23 Jun 2025 08:44

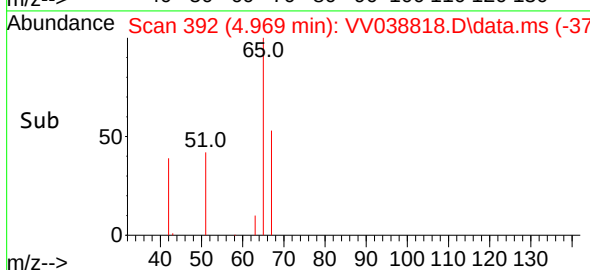
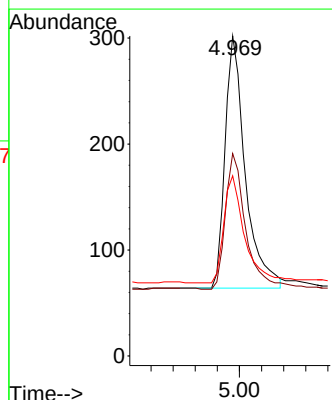
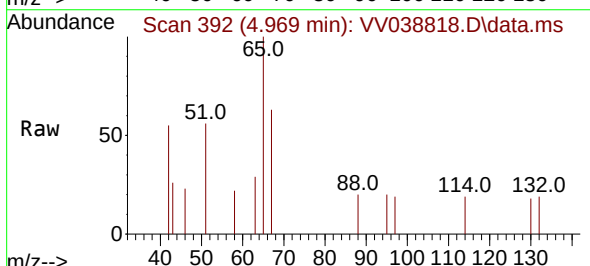
Tgt Ion: 65 Resp: 1505

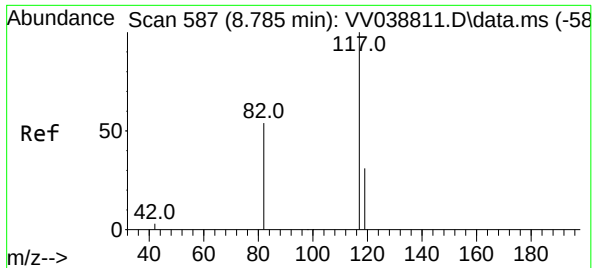
Ion Ratio Lower Upper

65 100

67 53.2 38.9 72.2

51 42.9 25.8 47.8

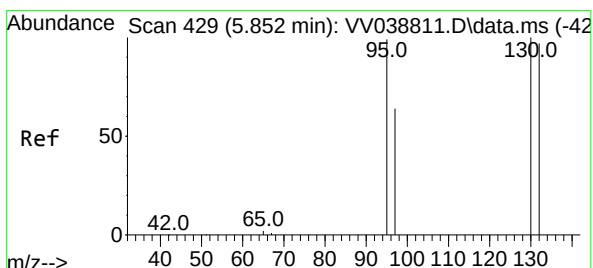
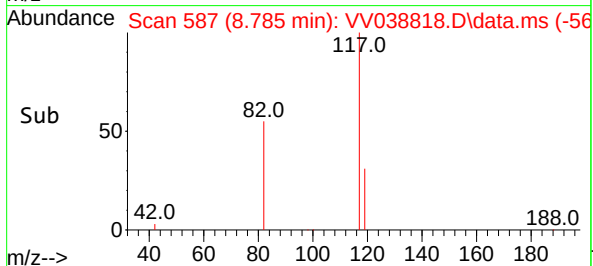
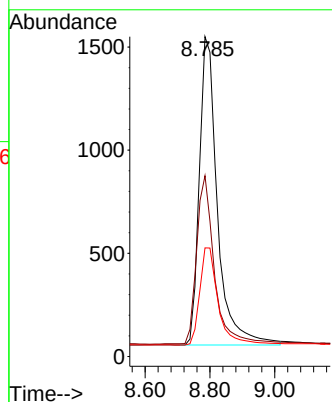
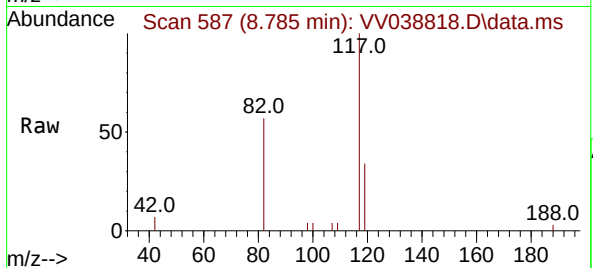




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV038818.D
Acq: 23 Jun 2025 08:44

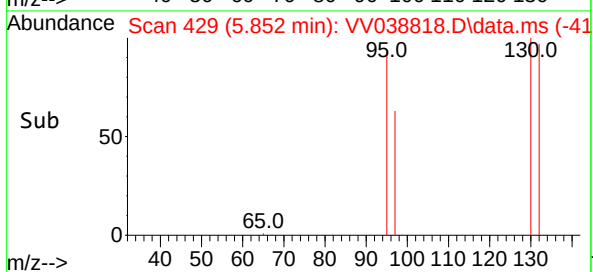
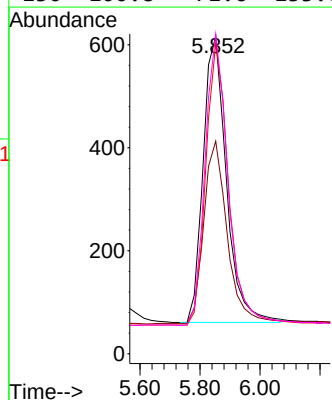
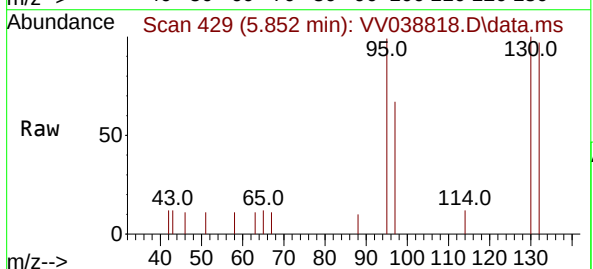
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5324

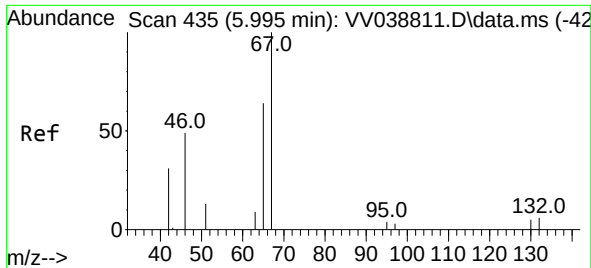
Tgt Ion:	117	Resp:	5798
Ion	Ratio	Lower	Upper
117	100		
82	53.9	40.6	60.8
119	32.4	25.7	38.5



#6
Trichloroethene
Concen: 0.534 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV038818.D
Acq: 23 Jun 2025 08:44

Tgt Ion:	95	Resp:	2989
Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.5	86.5
132	97.7	68.4	127.0
130	100.8	71.6	133.0

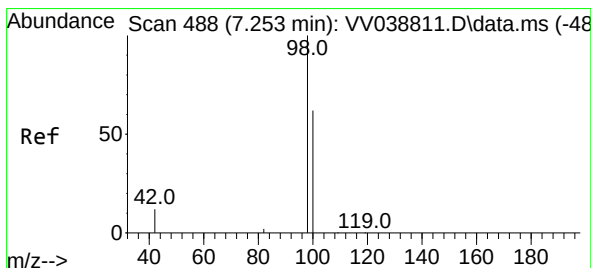
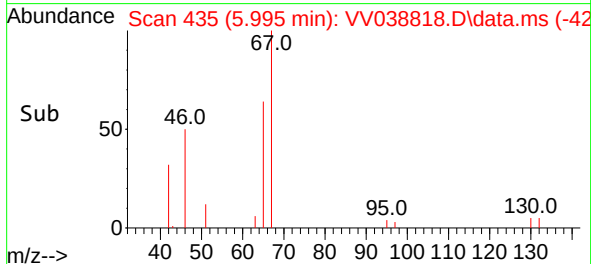
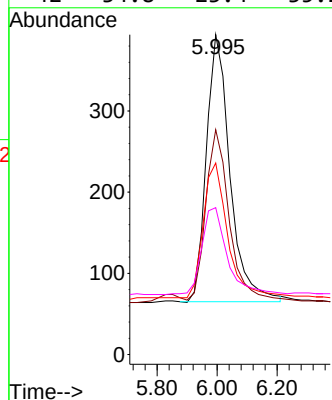
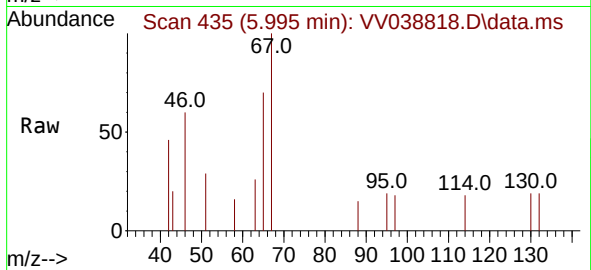




#7
1,2-Dichloropropane-d6
Concen: 0.549 ug/L
RT: 5.995 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV038818.D
Acq: 23 Jun 2025 08:44

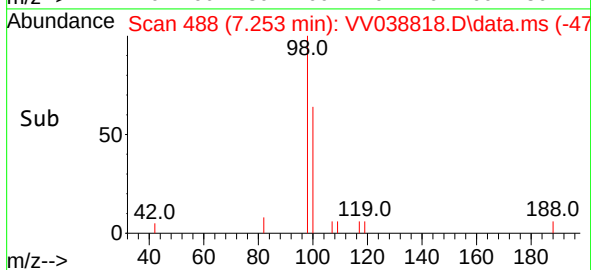
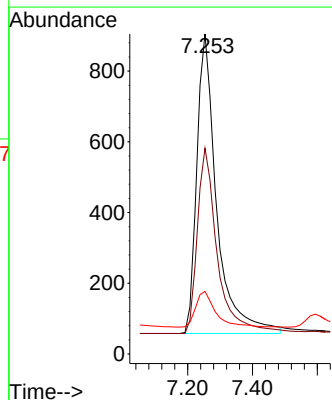
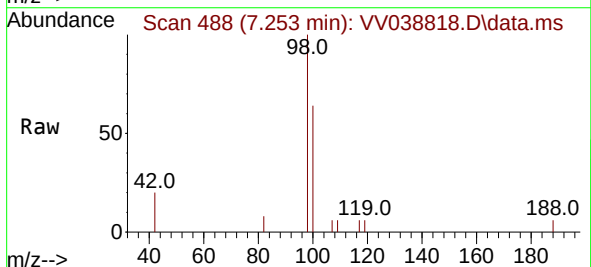
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5324

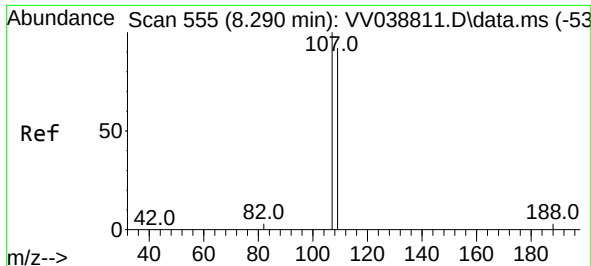
Tgt Ion:	67	Resp:	1804
Ion	Ratio	Lower	Upper
67	100		
65	62.9	48.6	73.0
46	52.1	37.9	56.9
42	34.8	23.4	35.2



#8
Toluene-d8
Concen: 0.546 ug/L
RT: 7.253 min Scan# 488
Delta R.T. -0.000 min
Lab File: VV038818.D
Acq: 23 Jun 2025 08:44

Tgt Ion:	98	Resp:	3618
Ion	Ratio	Lower	Upper
98	100		
100	62.0	44.9	83.5
42	11.9	6.3	11.7

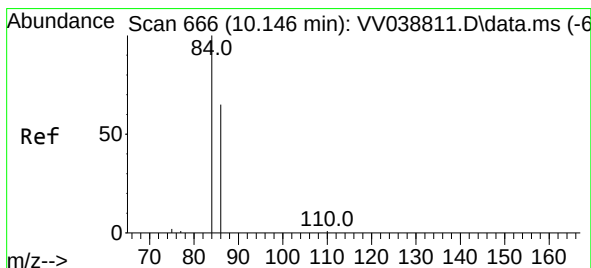
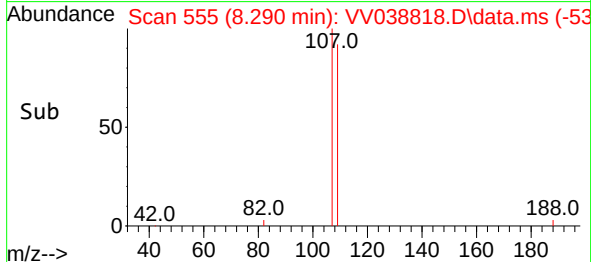
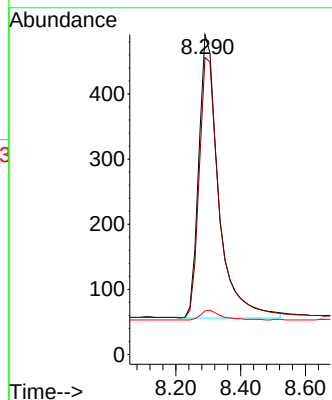
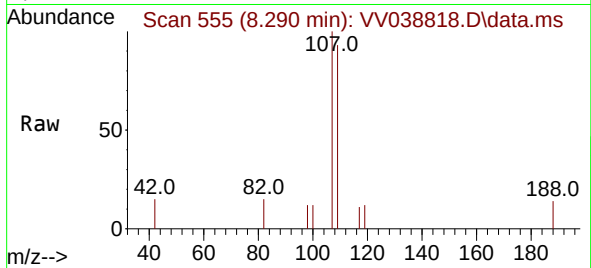




#9
1,2-Dibromoethane
Concen: 0.529 ug/L
RT: 8.290 min Scan# 555
Delta R.T. -0.000 min
Lab File: VV038818.D
Acq: 23 Jun 2025 08:44

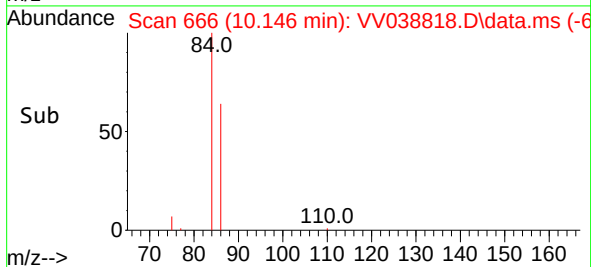
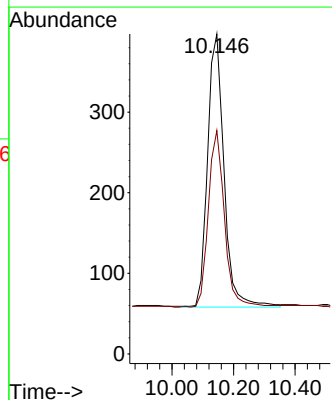
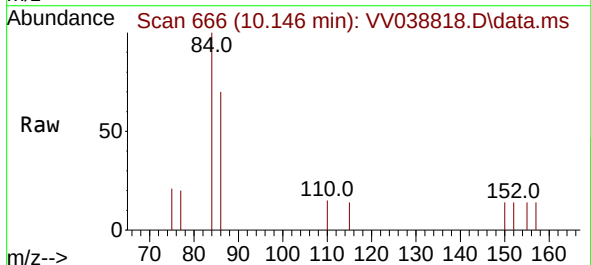
Instrument :
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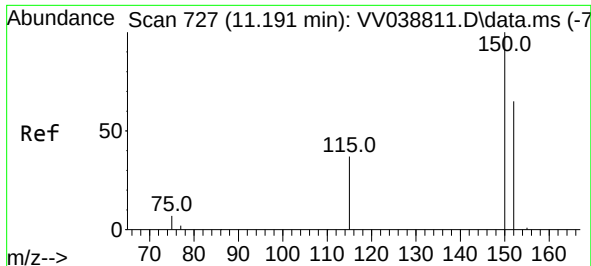
Tgt Ion:107 Resp: 1855
Ion Ratio Lower Upper
107 100
109 92.9 66.4 123.2
188 13.6 8.6 13.0#



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.546 ug/L
RT: 10.146 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV038818.D
Acq: 23 Jun 2025 08:44

Tgt Ion: 84 Resp: 1259
Ion Ratio Lower Upper
84 100
86 63.1 44.7 82.9

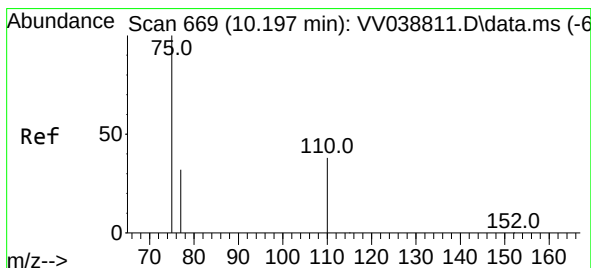
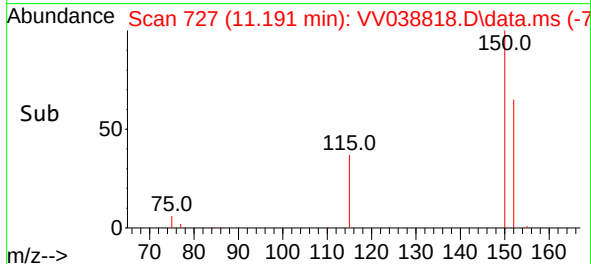
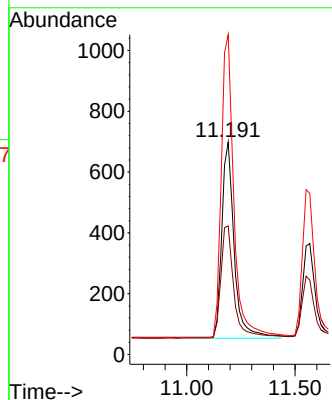
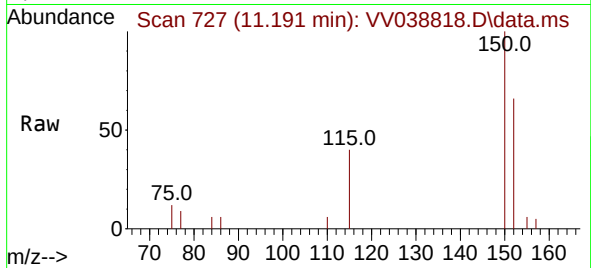




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VV038818.D
 Acq: 23 Jun 2025 08:44

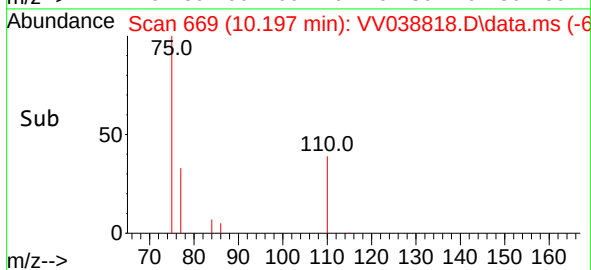
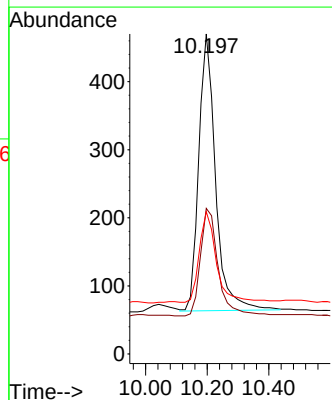
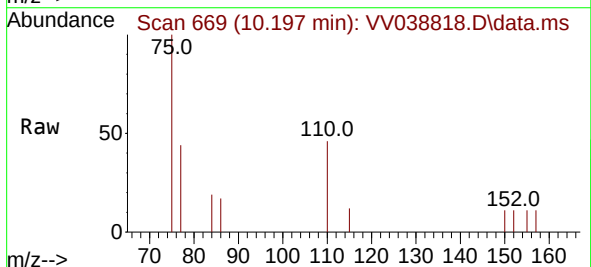
Instrument :
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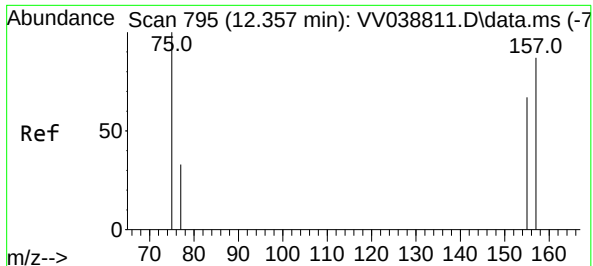
Tgt Ion:	152	Resp:	2580
Ion	Ratio	Lower	Upper
152	100		
115	58.0	0.0	114.4
150	156.1	0.0	315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.522 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. -0.000 min
 Lab File: VV038818.D
 Acq: 23 Jun 2025 08:44

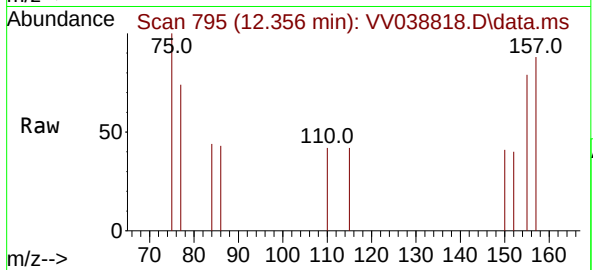
Tgt Ion:	75	Resp:	1538
Ion	Ratio	Lower	Upper
75	100		
110	41.2	33.4	50.0
77	33.4	27.0	40.6





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.546 ug/L
 RT: 12.356 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VV038818.D
 Acq: 23 Jun 2025 08:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5324



Tgt Ion:	75	Resp:	330
Ion	Ratio	Lower	Upper
75	100		
157	87.6	81.1	121.7
155	78.8	70.3	105.5

