

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038966.D
 Acq On : 19 Aug 2025 15:20
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5326

Quant Time: Aug 20 03:36:09 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)

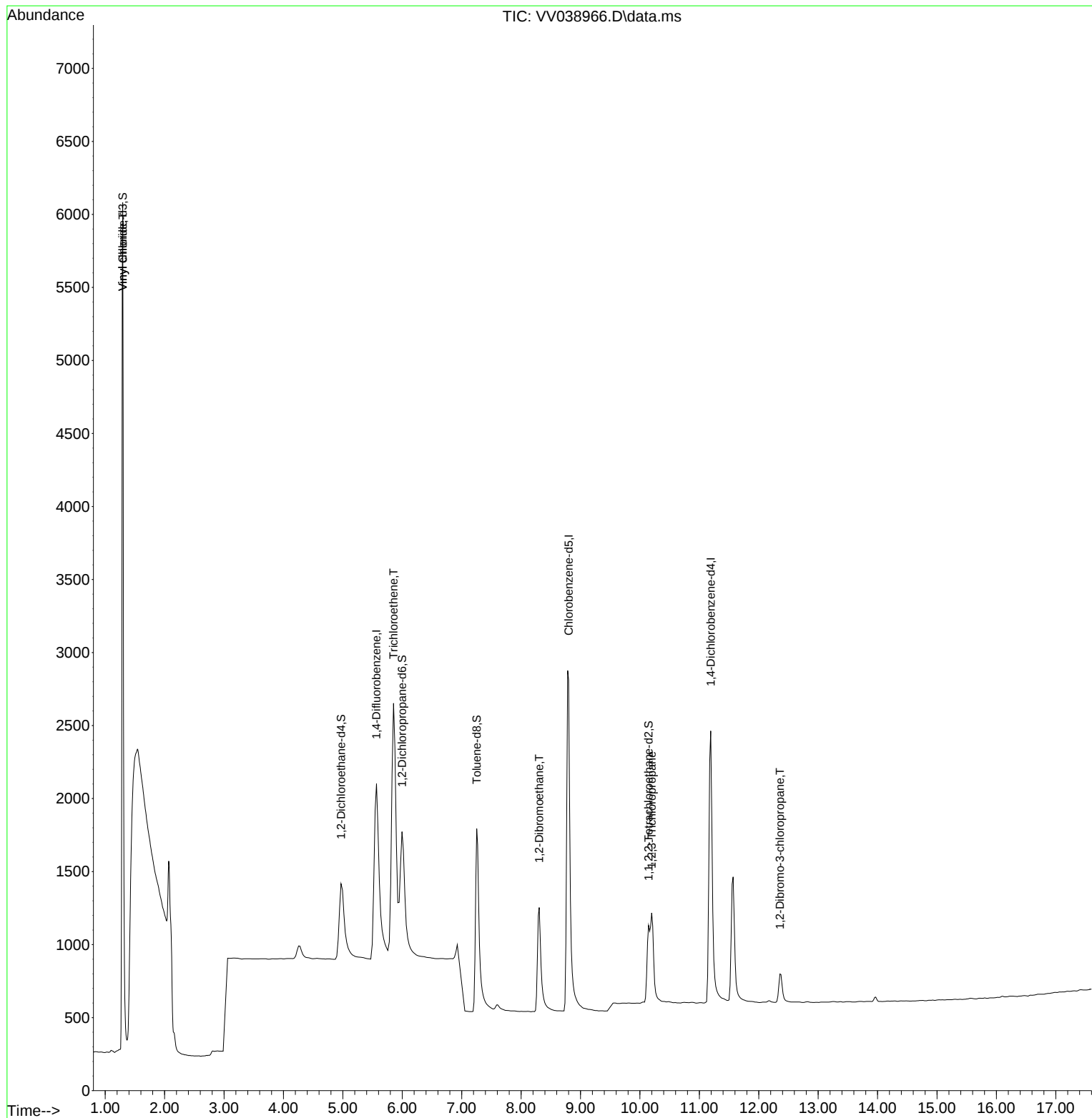
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5238	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5085	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2283	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2726	0.569	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 114.000%			
4) 1,2-Dichloroethane-d4	4.969	65	1387	0.493	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 98.000%			
7) 1,2-Dichloropropane-d6	5.995	67	1679	0.599	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 120.000%			
8) Toluene-d8	7.253	98	3230	0.514	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 102.000%			
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1165	0.586	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 118.000%			
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	5150	0.558	ug/L	100
6) Trichloroethene	5.852	95	2554	0.566	ug/L	100
9) 1,2-Dibromoethane	8.305	107	1538	0.571	ug/L	95
12) 1,2,3-Trichloropropane	10.197	75	1285	0.551	ug/L	98
13) 1,2-Dibromo-3-chloropr...	12.356	75	288	0.534	ug/L	98

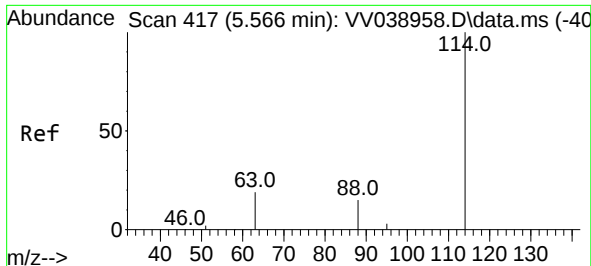
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VSTD0.5326

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 20 03:16:00 2025
Response via : Initial Calibration

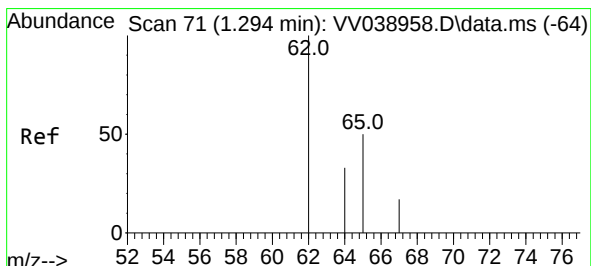
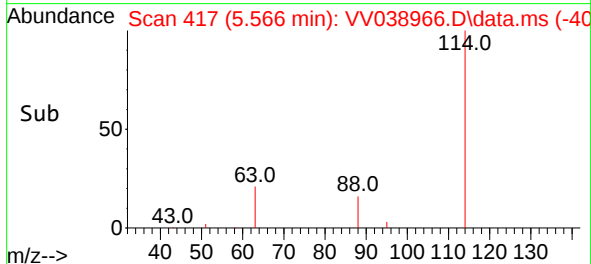
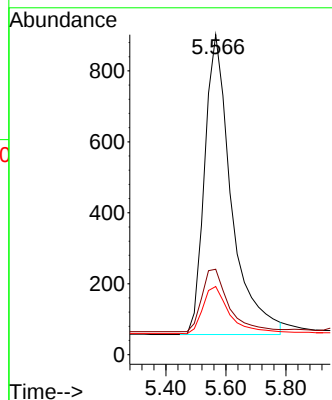
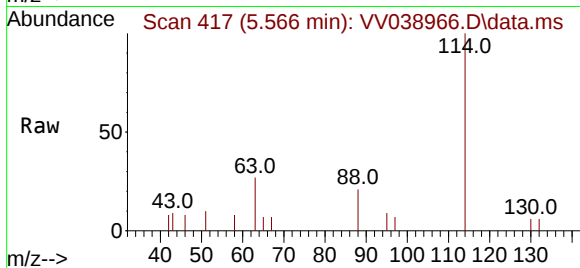




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

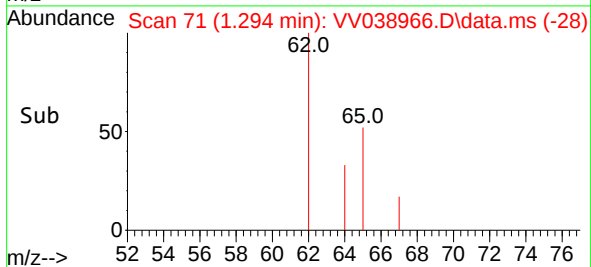
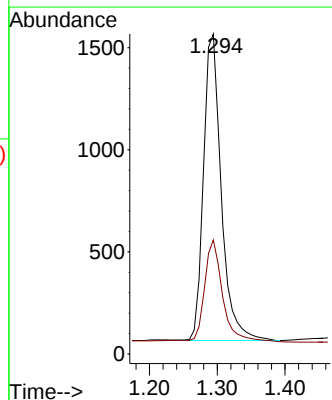
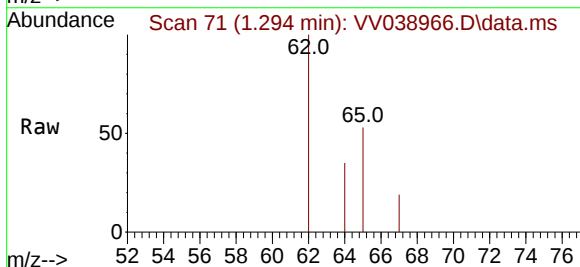
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5326

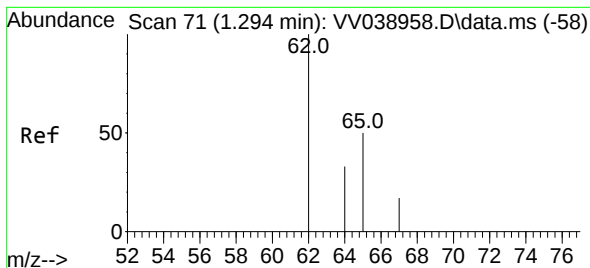
Tgt Ion:	114	Resp:	5238
Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.0	24.0
88	15.6	12.3	18.5



#2
 Vinyl Chloride-d3
 Concen: 0.569 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

Tgt Ion:	65	Resp:	2726
Ion	Ratio	Lower	Upper
65	100		
67	35.0	23.4	43.4





#3

Vinyl chloride

Concen: 0.558 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV038966.D

Acq: 19 Aug 2025 15:20

Instrument :

MSVOA_V

ClientSampleId :

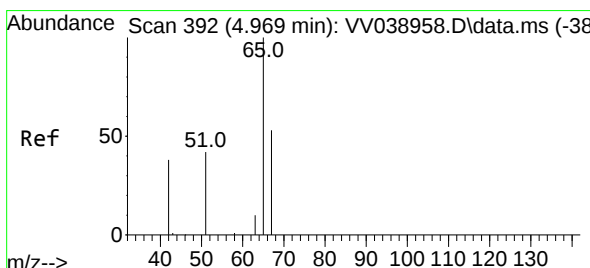
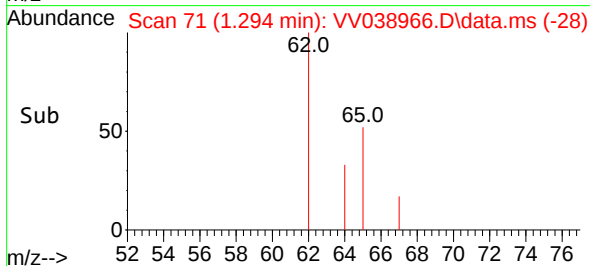
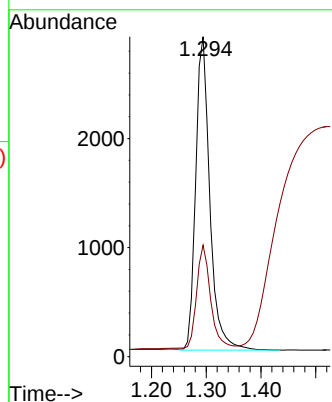
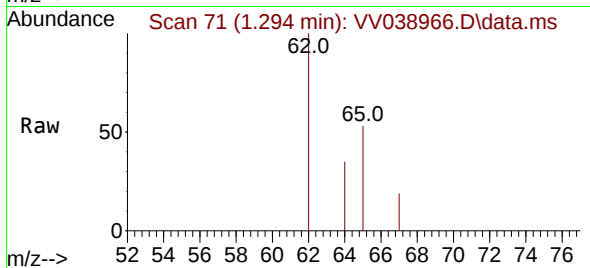
VSTD0.5326

Tgt Ion: 62 Resp: 5150

Ion Ratio Lower Upper

62 100

64 34.8 24.4 45.2



#4

1,2-Dichloroethane-d4

Concen: 0.493 ug/L

RT: 4.969 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV038966.D

Acq: 19 Aug 2025 15:20

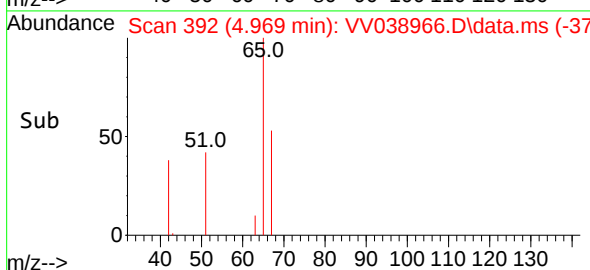
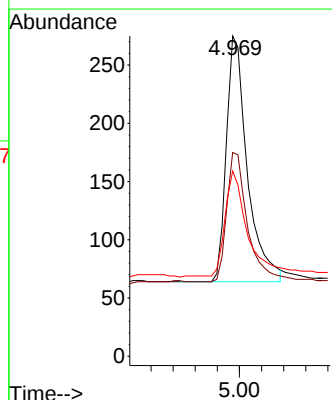
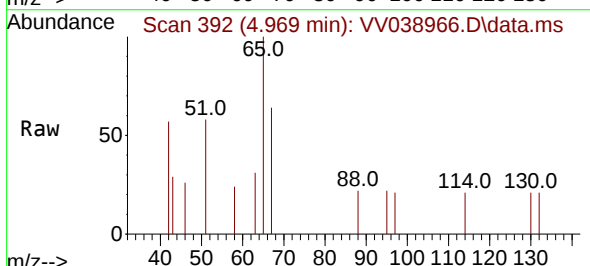
Tgt Ion: 65 Resp: 1387

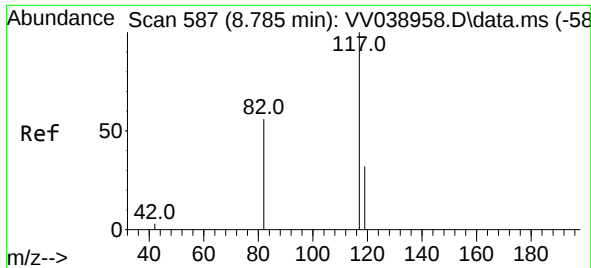
Ion Ratio Lower Upper

65 100

67 51.8 37.2 69.0

51 44.4 33.4 62.0

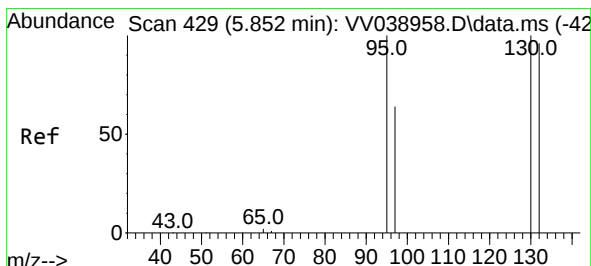
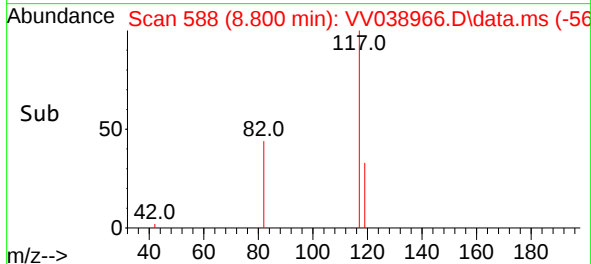
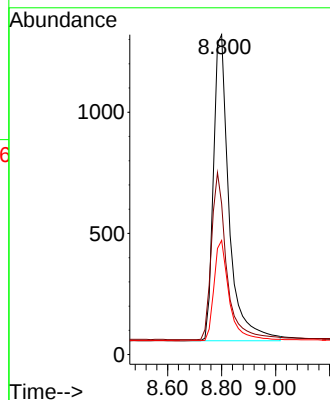
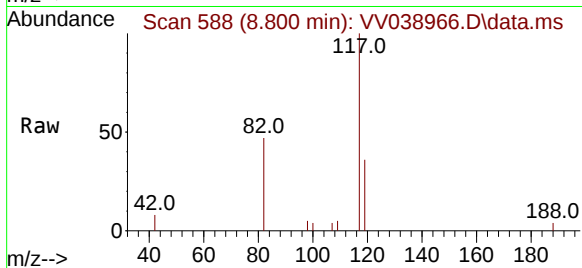




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.015 min
Lab File: VV038966.D
Acq: 19 Aug 2025 15:20

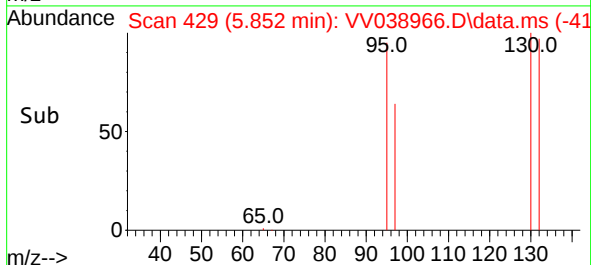
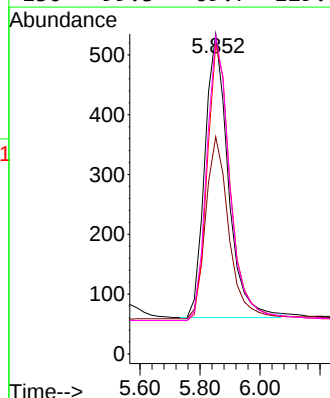
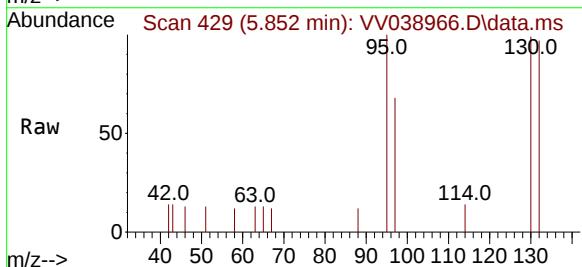
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5326

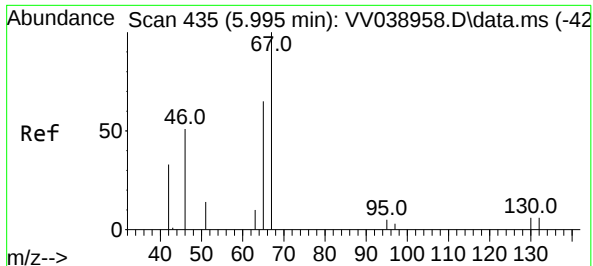
Tgt Ion:	117	Resp:	5085
Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.9	64.3
119	32.1	26.4	39.6



#6
Trichloroethene
Concen: 0.566 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV038966.D
Acq: 19 Aug 2025 15:20

Tgt Ion:	95	Resp:	2554
Ion	Ratio	Lower	Upper
95	100		
97	67.9	47.5	88.1
132	96.6	66.9	124.3
130	99.3	69.7	129.4



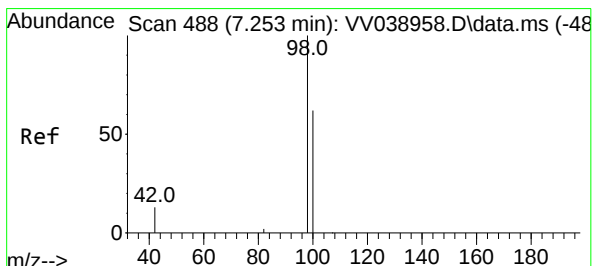
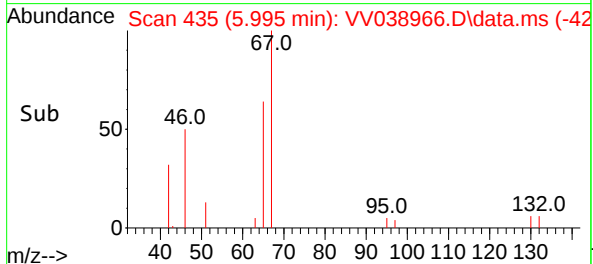
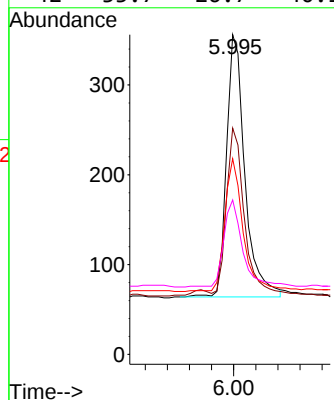
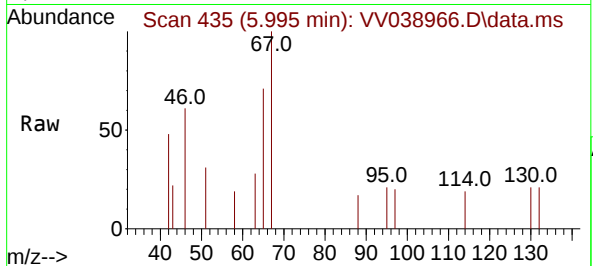


#7
 1,2-Dichloropropane-d6
 Concen: 0.599 ug/L
 RT: 5.995 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5326

Tgt Ion: 67 Resp: 1679

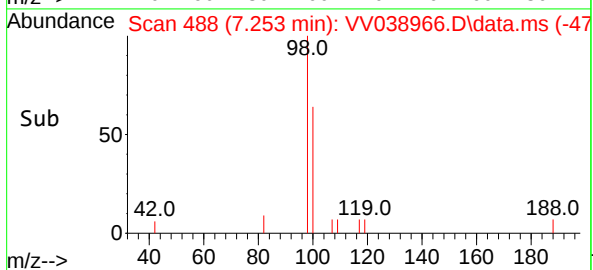
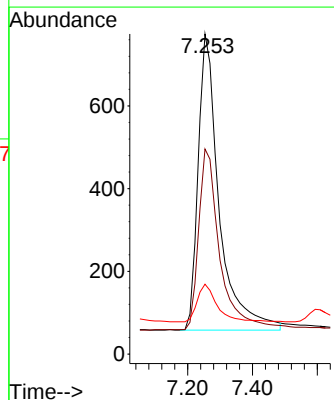
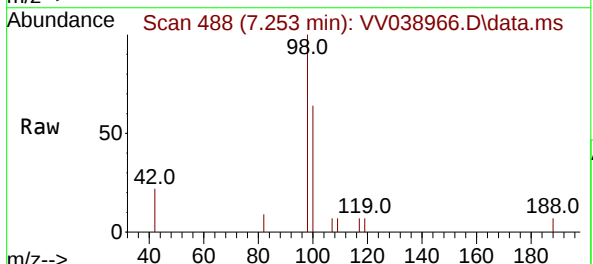
Ion	Ratio	Lower	Upper
67	100		
65	60.2	49.8	74.6
46	49.4	41.3	61.9
42	33.7	26.7	40.1

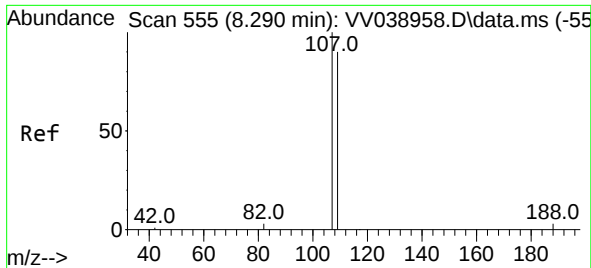


#8
 Toluene-d8
 Concen: 0.514 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

Tgt Ion: 98 Resp: 3230

Ion	Ratio	Lower	Upper
98	100		
100	61.1	43.3	80.3
42	12.0	8.5	15.7

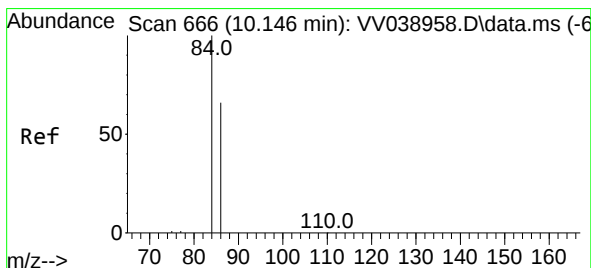
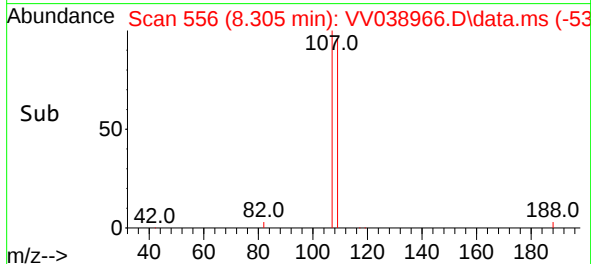
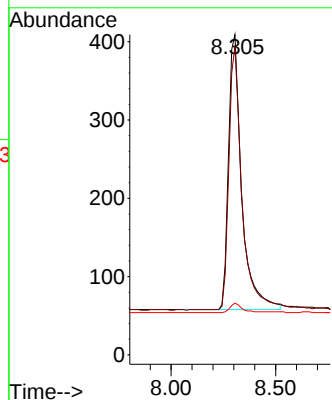
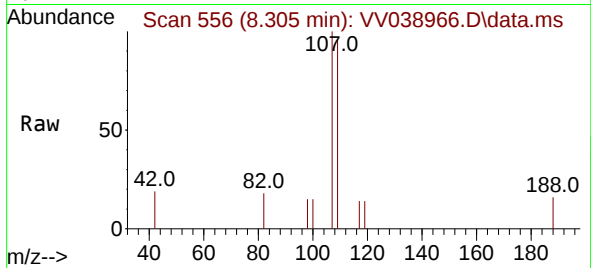




#9
 1,2-Dibromoethane
 Concen: 0.571 ug/L
 RT: 8.305 min Scan# 555
 Delta R.T. 0.015 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

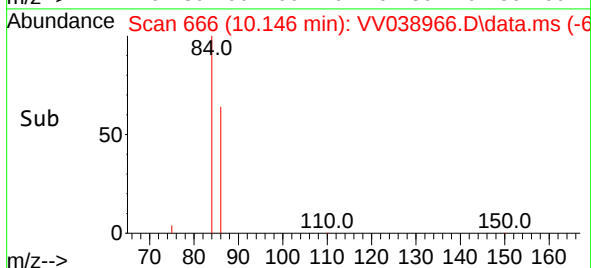
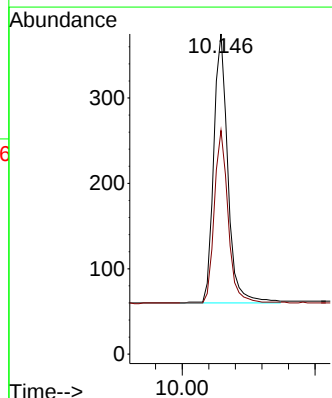
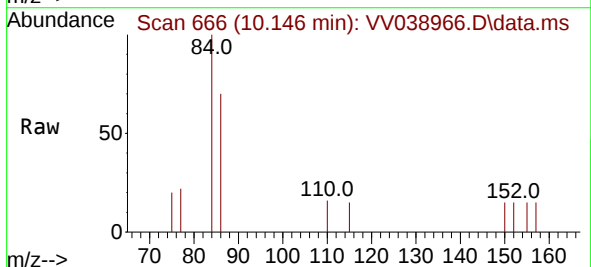
Instrument :
 MSVOA_V
 ClientSampleId :
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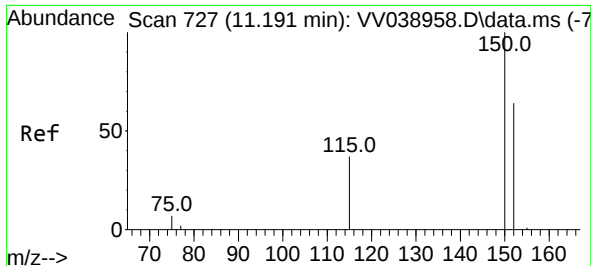
Tgt Ion:	107	Resp:	1538
Ion	Ratio	Lower	Upper
107	100		
109	96.3	64.0	118.8
188	16.1	11.8	17.6



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.586 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

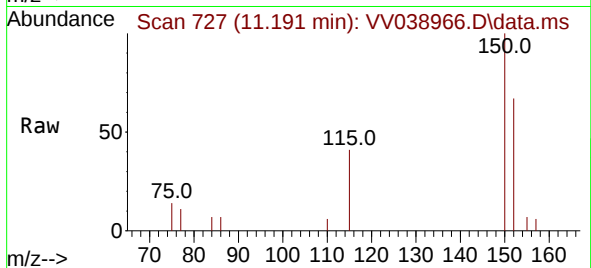
Tgt Ion:	84	Resp:	1165
Ion	Ratio	Lower	Upper
84	100		
86	62.1	45.6	84.6





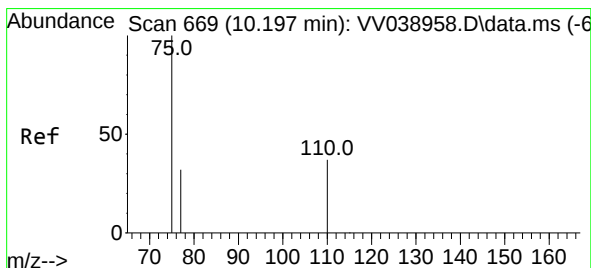
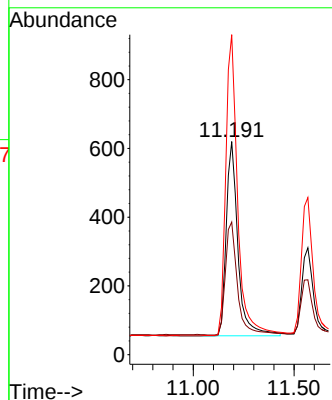
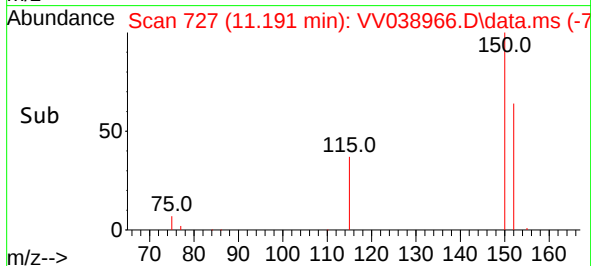
#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. -0.000 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5326



Tgt Ion:152 Resp: 2283

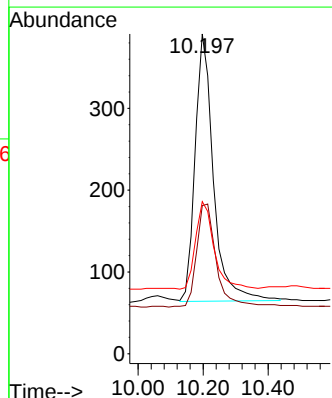
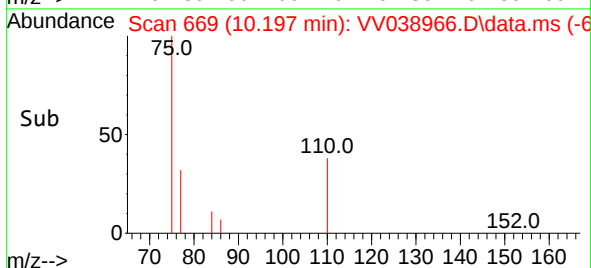
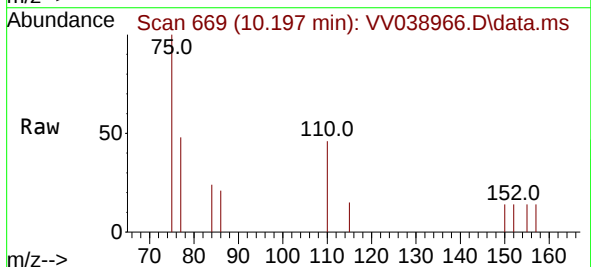
Ion	Ratio	Lower	Upper
152	100		
115	59.7	0.0	119.6
150	156.6	0.0	318.0

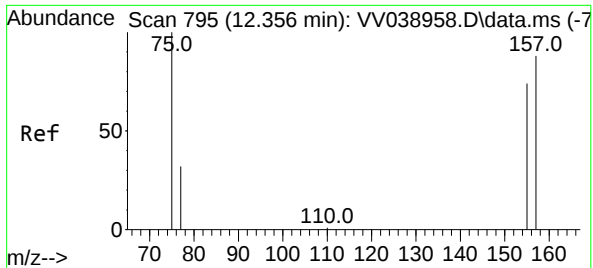


#12
 1,2,3-Trichloropropane
 Concen: 0.551 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

Tgt Ion: 75 Resp: 1285

Ion	Ratio	Lower	Upper
75	100		
110	41.8	32.6	48.8
77	33.0	27.3	40.9





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.534 ug/L
 RT: 12.356 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV038966.D
 Acq: 19 Aug 2025 15:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5326

Tgt Ion:	75	Resp:	288
Ion	Ratio	Lower	Upper
75	100		
157	84.8	69.7	104.5
155	78.0	63.7	95.5

