

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038963.D
 Acq On : 19 Aug 2025 13:21
 Operator : SY/MD
 Sample : VSTDICV0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV254

Quant Time: Aug 20 03:24:08 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)

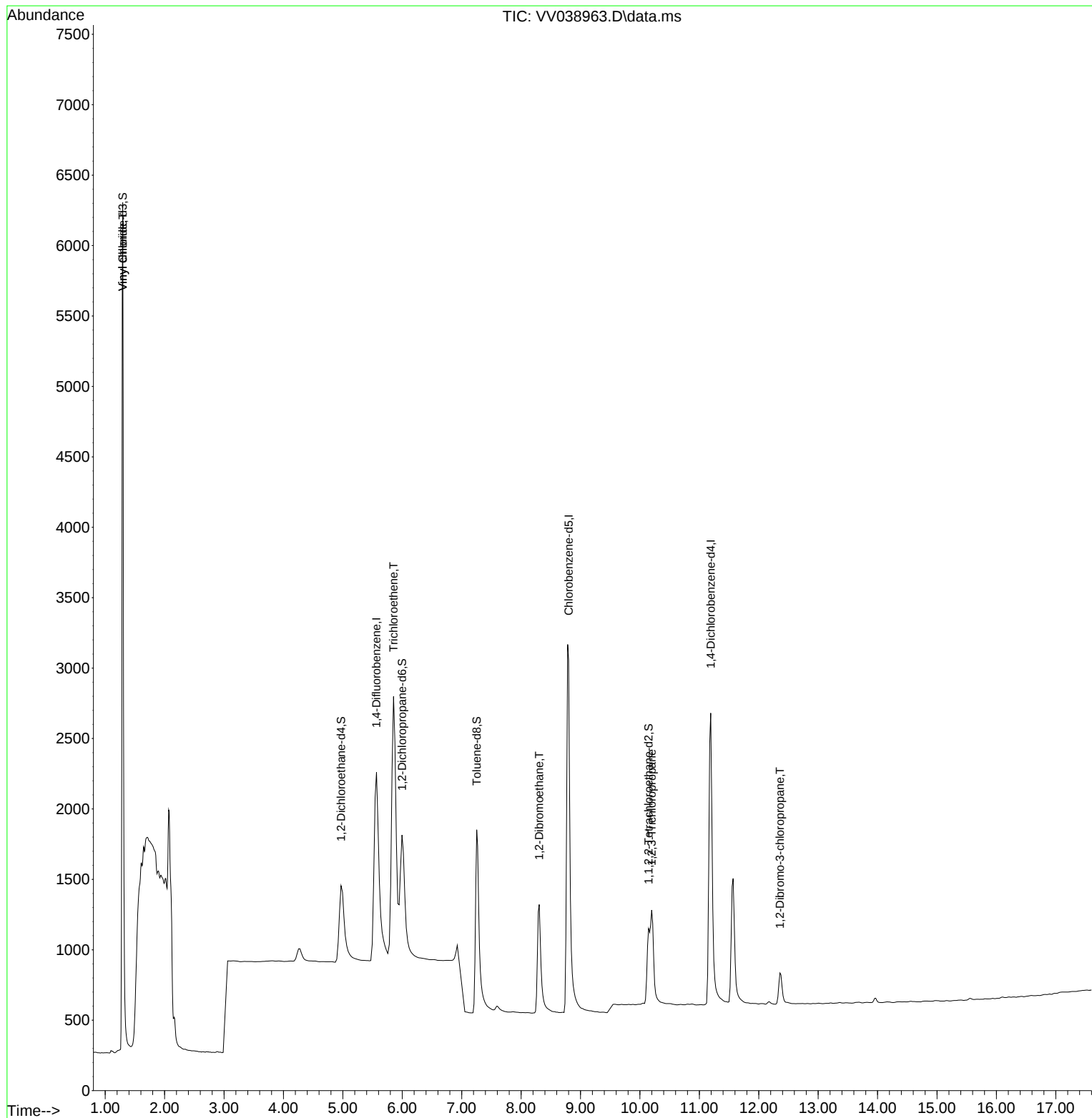
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5800	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5583	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2477	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2759	0.520	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 104.000%	
4) 1,2-Dichloroethane-d4	4.969	65	1429	0.459	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 92.000%	
7) 1,2-Dichloropropane-d6	5.995	67	1675	0.544	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 108.000%	
8) Toluene-d8	7.253	98	3299	0.478	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 96.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1166	0.534	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	5452	0.533	ug/L	99
6) Trichloroethene	5.852	95	2694	0.544	ug/L	98
9) 1,2-Dibromoethane	8.305	107	1641	0.555	ug/L	95
12) 1,2,3-Trichloropropane	10.197	75	1393	0.550	ug/L	100
13) 1,2-Dibromo-3-chloropr...	12.356	75	302	0.516	ug/L	99

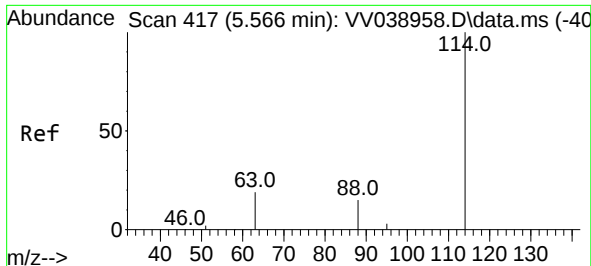
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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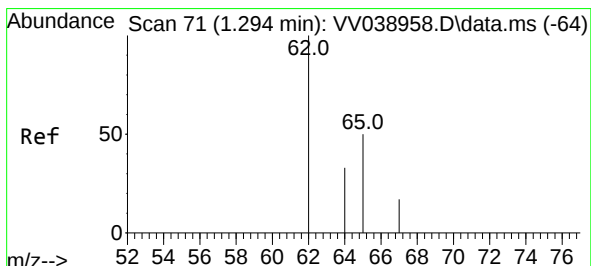
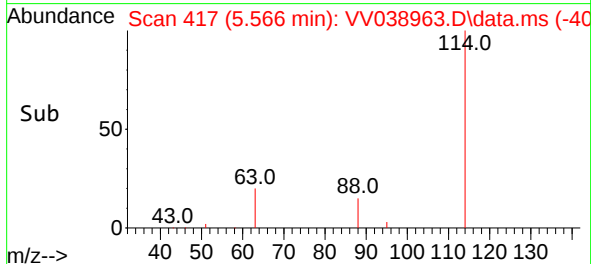
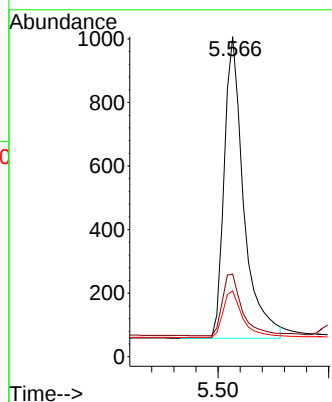
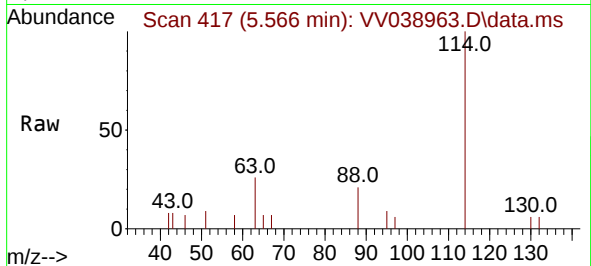




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV038963.D
Acq: 19 Aug 2025 13:21

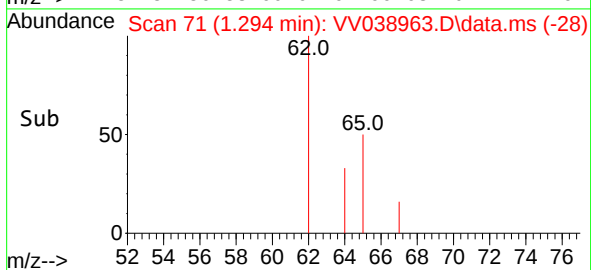
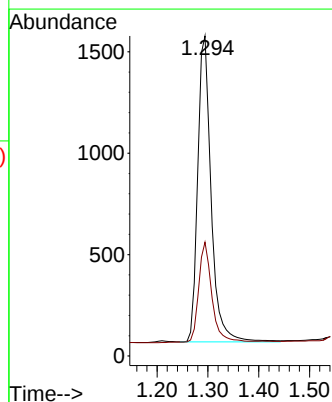
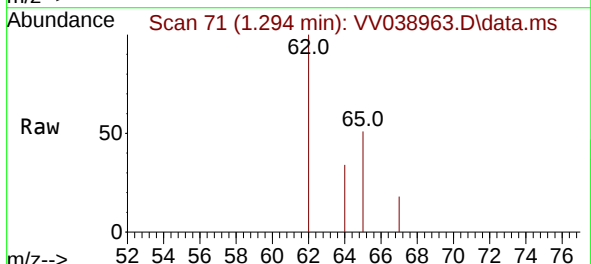
Instrument :
MSVOA_V
ClientSampleId :
VICV254

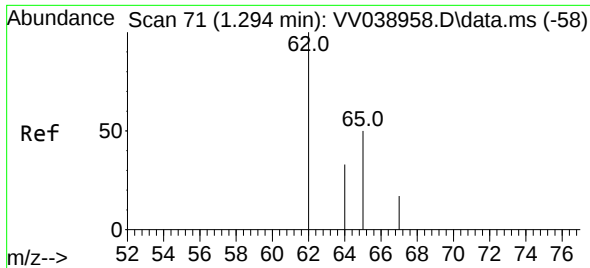
Tgt Ion:114 Resp: 5800
Ion Ratio Lower Upper
114 100
63 20.8 16.0 24.0
88 15.8 12.3 18.5



#2
Vinyl Chloride-d3
Concen: 0.520 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV038963.D
Acq: 19 Aug 2025 13:21

Tgt Ion: 65 Resp: 2759
Ion Ratio Lower Upper
65 100
67 32.8 23.4 43.4

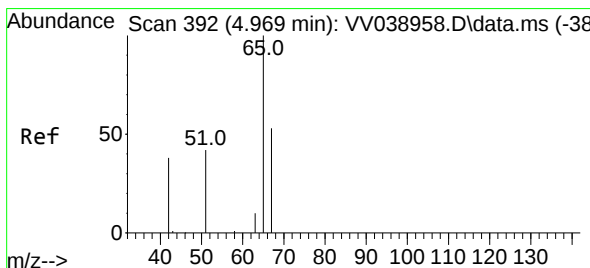
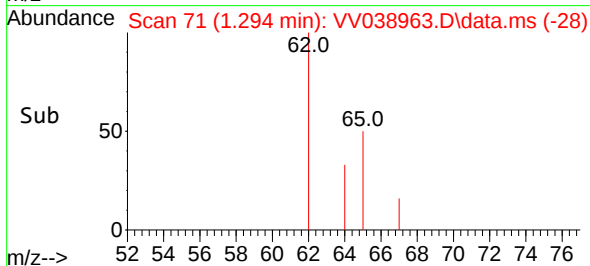
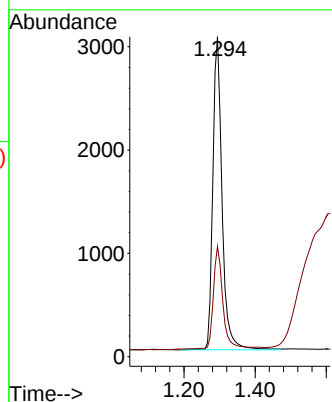
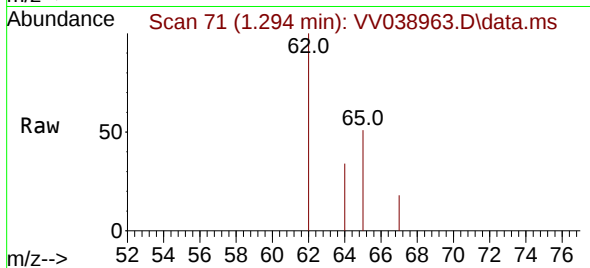




#3
 Vinyl chloride
 Concen: 0.533 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

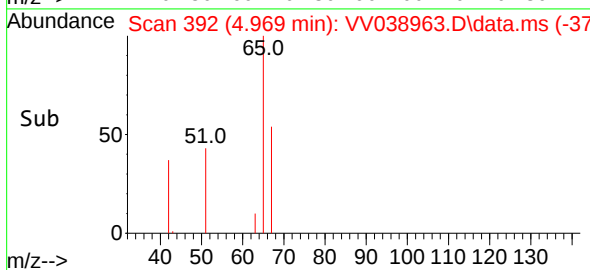
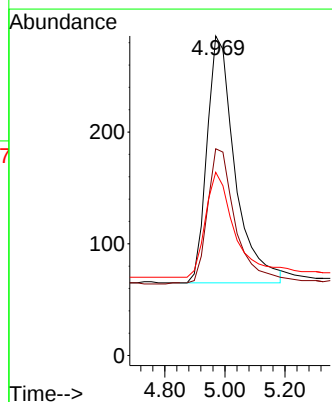
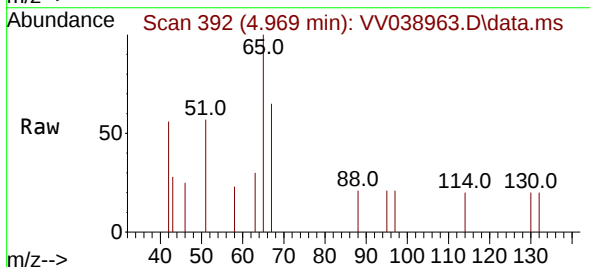
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV254

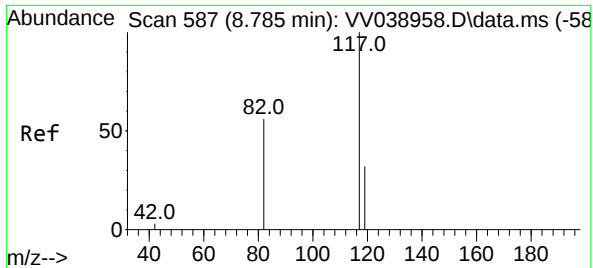
Tgt Ion: 62 Resp: 5452
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.4 45.2



#4
 1,2-Dichloroethane-d4
 Concen: 0.459 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

Tgt Ion: 65 Resp: 1429
 Ion Ratio Lower Upper
 65 100
 67 55.2 37.2 69.0
 51 43.9 33.4 62.0

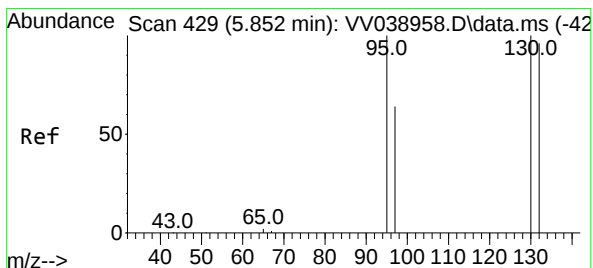
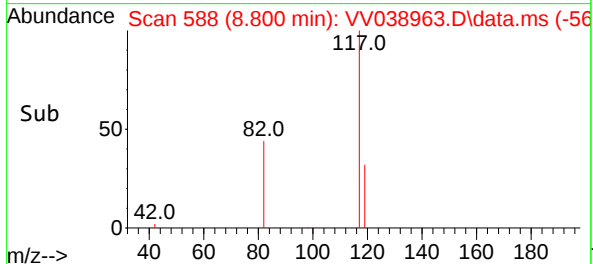
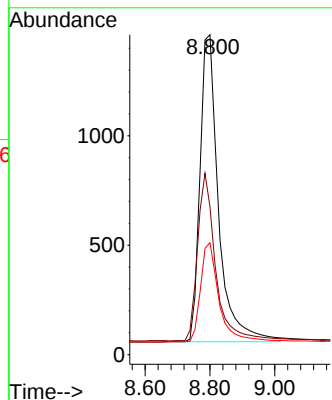
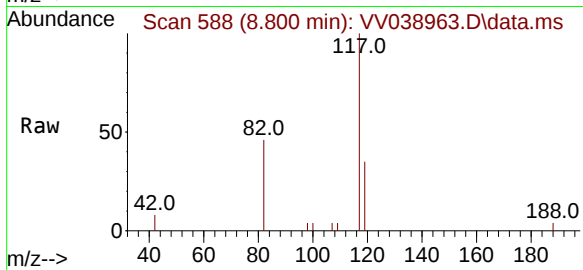




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.015 min
Lab File: VV038963.D
Acq: 19 Aug 2025 13:21

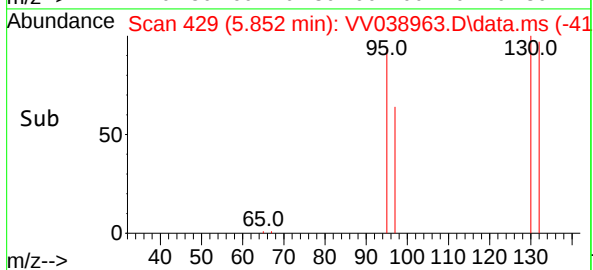
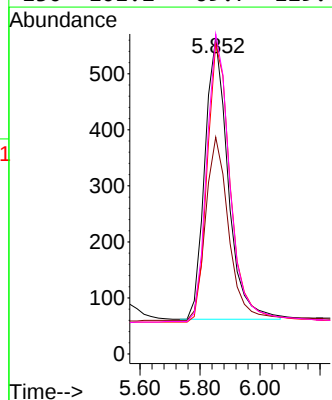
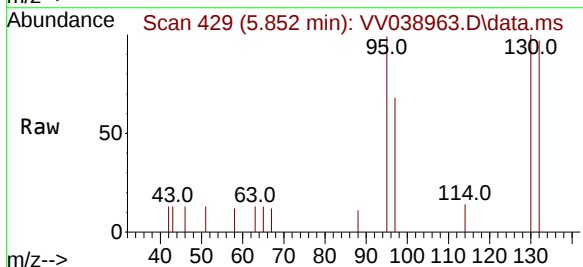
Instrument :
MSVOA_V
ClientSampleId :
VICV254

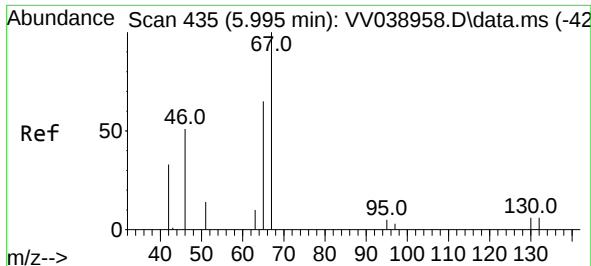
Tgt Ion:	117	Resp:	5583
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.9	64.3
119	32.2	26.4	39.6



#6
Trichloroethene
Concen: 0.544 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV038963.D
Acq: 19 Aug 2025 13:21

Tgt Ion:	95	Resp:	2694
Ion	Ratio	Lower	Upper
95	100		
97	68.6	47.5	88.1
132	98.2	66.9	124.3
130	101.2	69.7	129.4



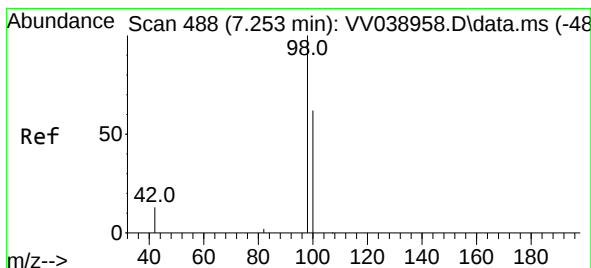
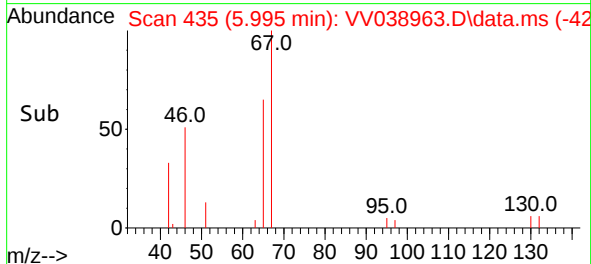
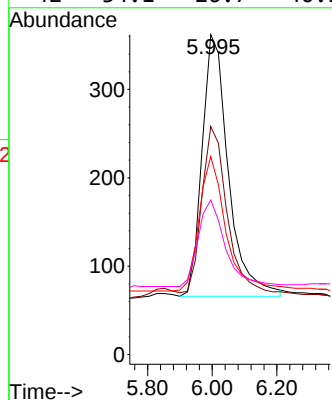
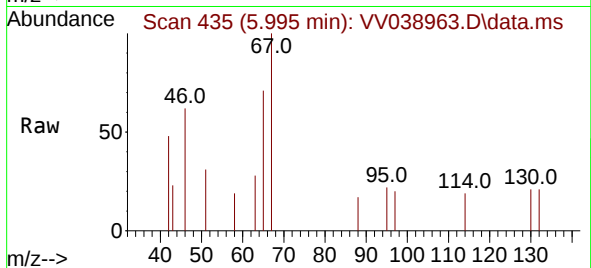


#7
 1,2-Dichloropropane-d6
 Concen: 0.544 ug/L
 RT: 5.995 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV254

Tgt Ion: 67 Resp: 1675

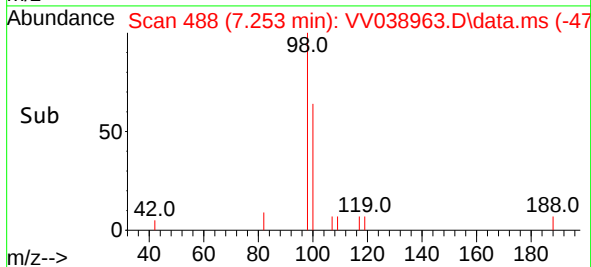
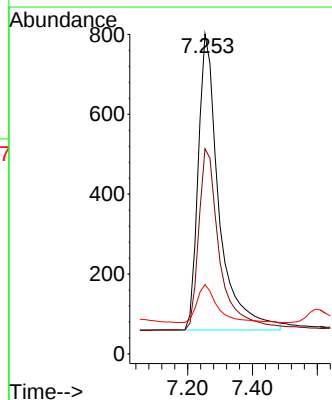
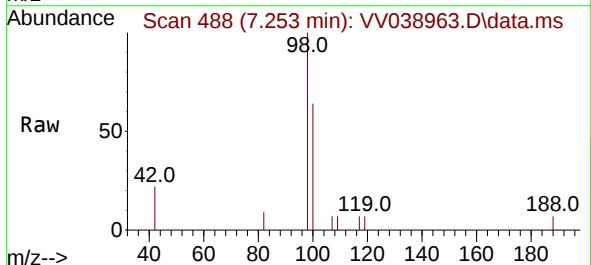
Ion	Ratio	Lower	Upper
67	100		
65	61.6	49.8	74.6
46	52.1	41.3	61.9
42	34.1	26.7	40.1

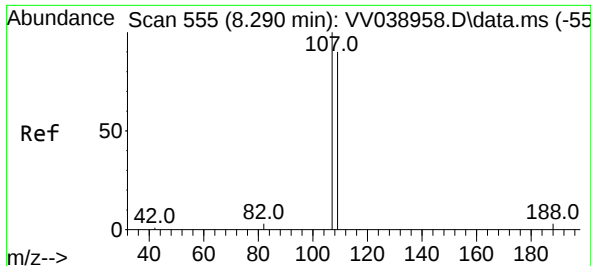


#8
 Toluene-d8
 Concen: 0.478 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

Tgt Ion: 98 Resp: 3299

Ion	Ratio	Lower	Upper
98	100		
100	61.8	43.3	80.3
42	12.4	8.5	15.7

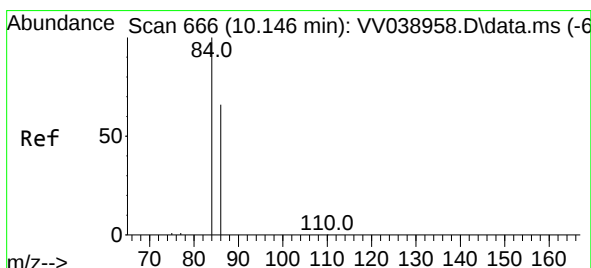
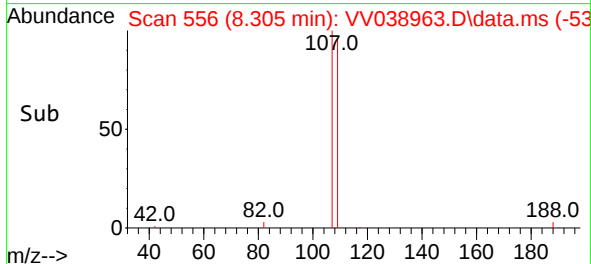
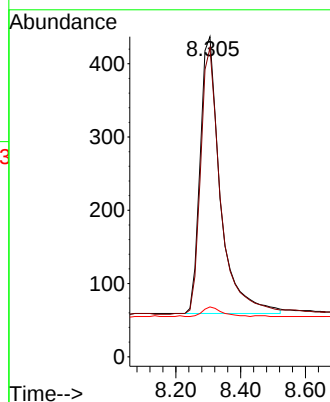
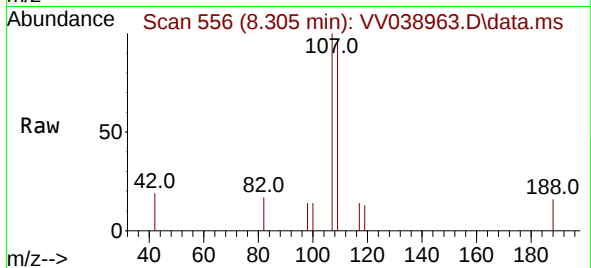




#9
 1,2-Dibromoethane
 Concen: 0.555 ug/L
 RT: 8.305 min Scan# 555
 Delta R.T. 0.015 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

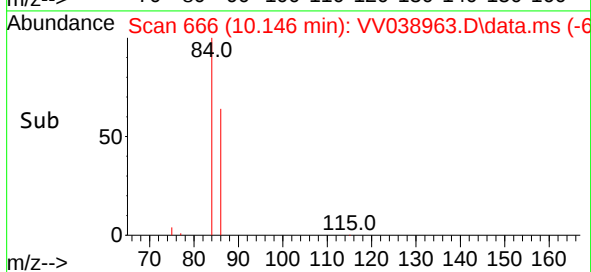
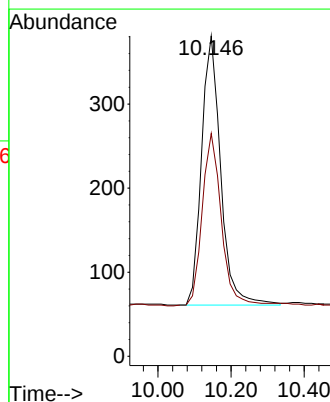
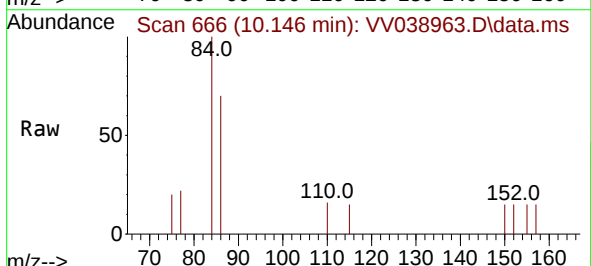
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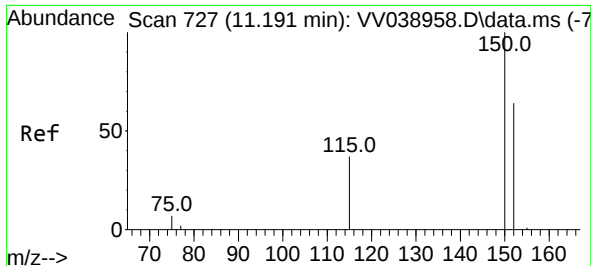
Tgt Ion:	107	Resp:	1641
Ion	Ratio	Lower	Upper
107	100		
109	96.6	64.0	118.8
188	15.6	11.8	17.6



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.534 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

Tgt Ion:	84	Resp:	1166
Ion	Ratio	Lower	Upper
84	100		
86	64.2	45.6	84.6

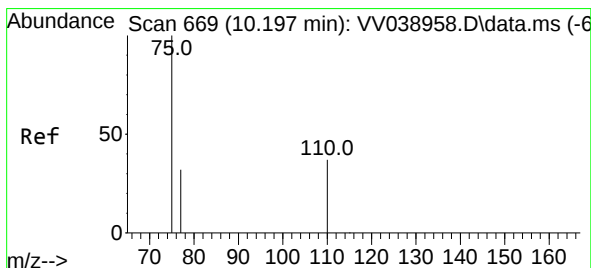
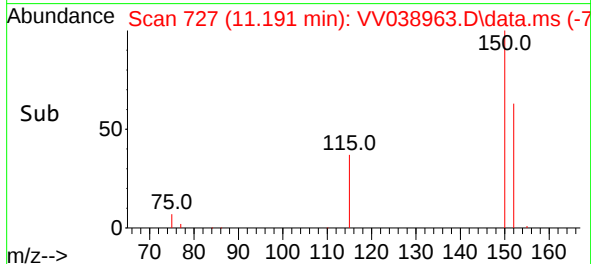
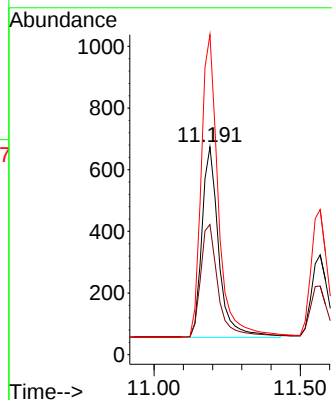
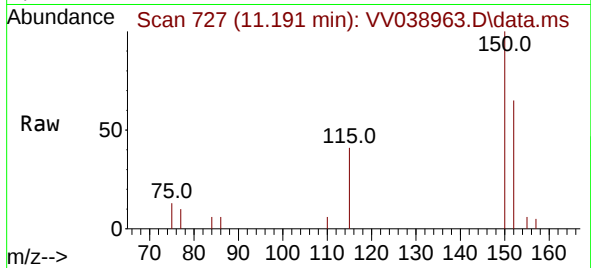




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. -0.000 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

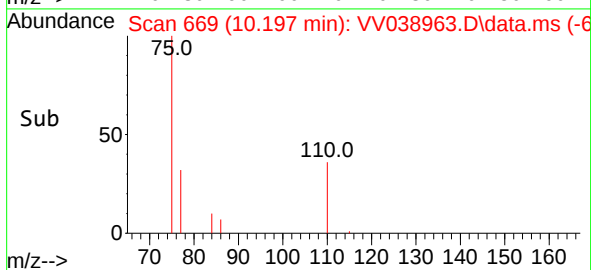
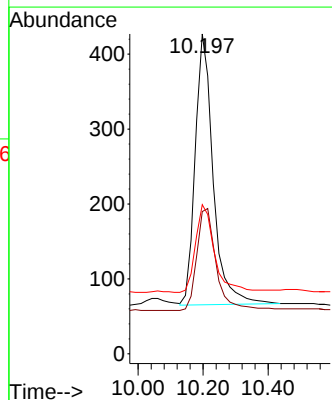
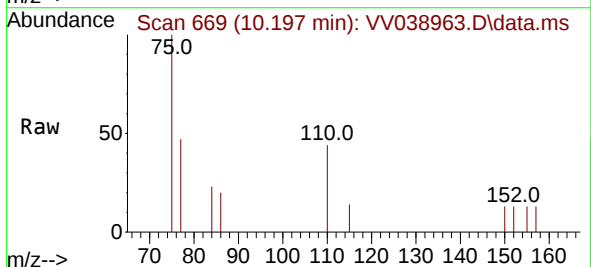
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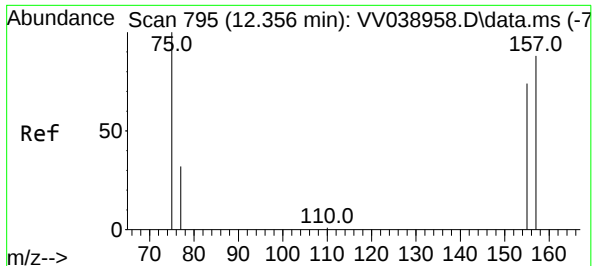
Tgt Ion:152 Resp: 2477
 Ion Ratio Lower Upper
 152 100
 115 61.0 0.0 119.6
 150 160.1 0.0 318.0



#12
 1,2,3-Trichloropropane
 Concen: 0.550 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

Tgt Ion: 75 Resp: 1393
 Ion Ratio Lower Upper
 75 100
 110 40.7 32.6 48.8
 77 34.0 27.3 40.9





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.516 ug/L
 RT: 12.356 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV038963.D
 Acq: 19 Aug 2025 13:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV254

Tgt Ion:	75	Resp:	302
Ion	Ratio	Lower	Upper
75	100		
157	86.4	69.7	104.5
155	80.0	63.7	95.5

