

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039421.D
 Acq On : 25 Nov 2025 11:05
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5257

Quant Time: Nov 26 03:49:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM112525.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 26 03:49:02 2025
 Response via : Initial Calibration

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

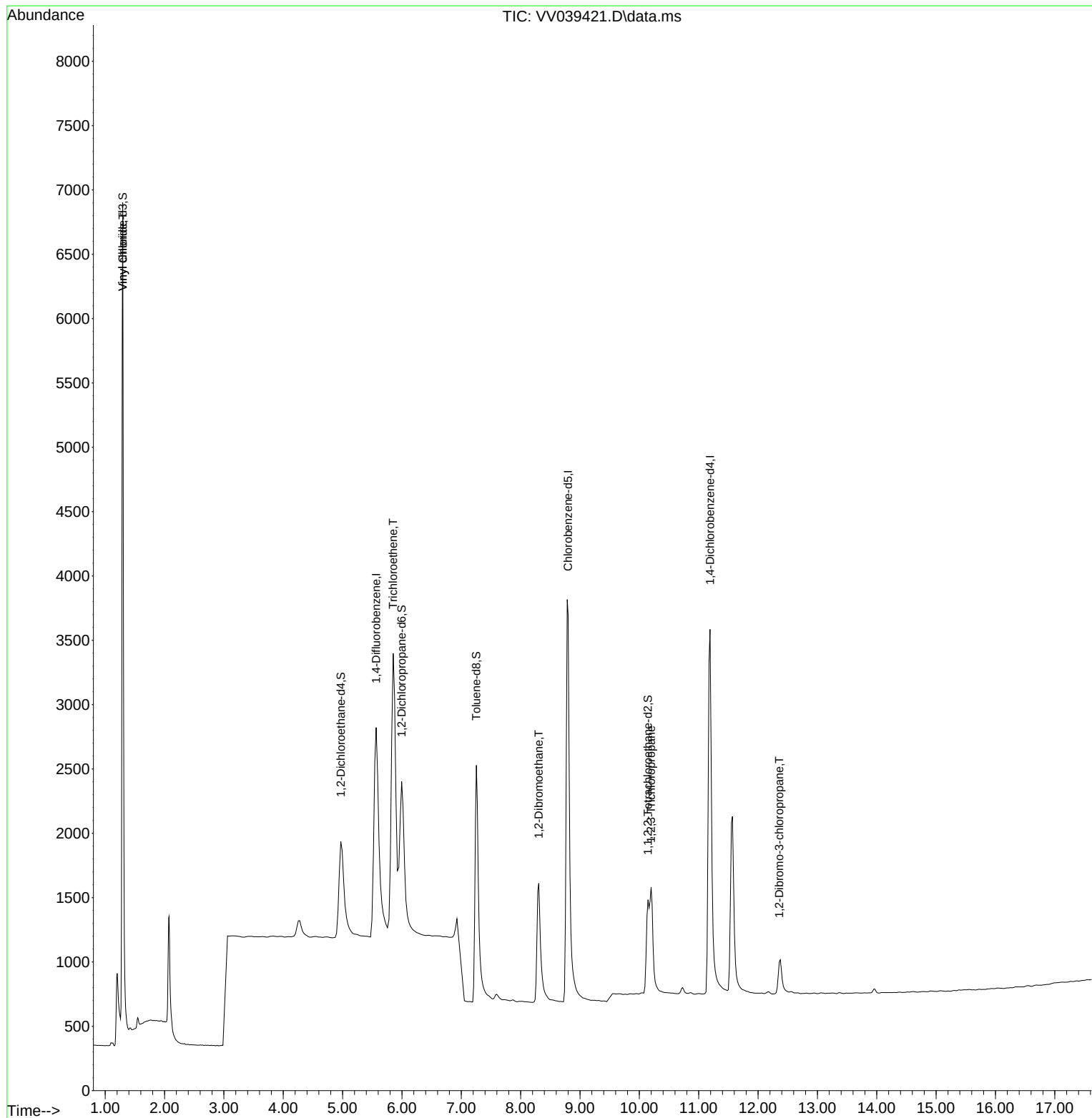
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7131	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	7009	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	3622	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3838	0.568	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.969	65	2037	0.514	ug/L	0.00
7) 1,2-Dichloropropane-d6	5.995	67	2329	0.587	ug/L	0.00
8) Toluene-d8	7.253	98	4551	0.517	ug/L	0.00
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1617	0.571	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	4878	0.407	ug/L	100
6) Trichloroethene	5.852	95	3088	0.508	ug/L	100
9) 1,2-Dibromoethane	8.305	107	2024	0.546	ug/L	100
12) 1,2,3-Trichloropropane	10.197	75	1716	0.476	ug/L	100
13) 1,2-Dibromo-3-chloropr...	12.356	75	366	0.442	ug/L	100

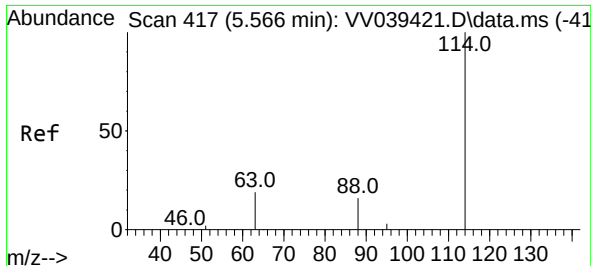
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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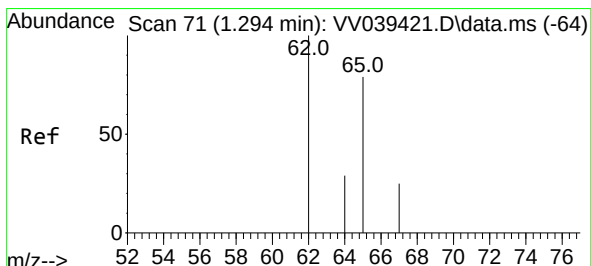
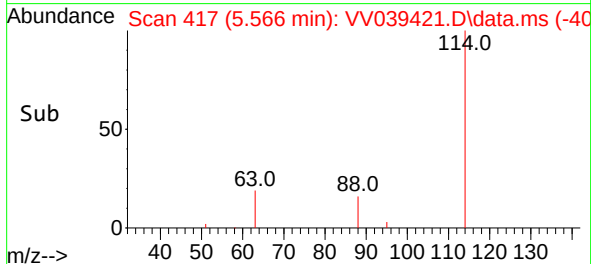
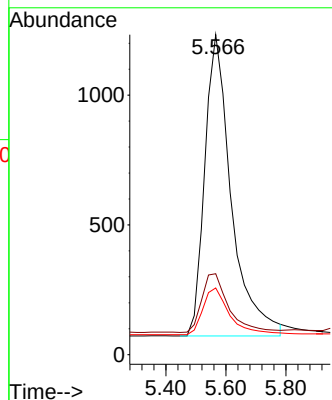
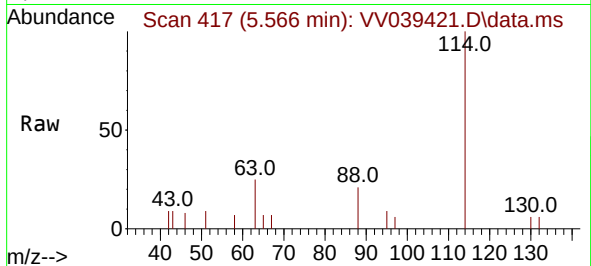




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039421.D
Acq: 25 Nov 2025 11:05

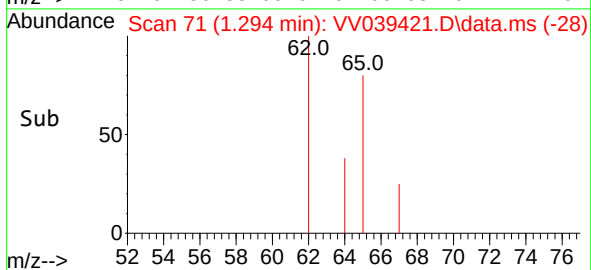
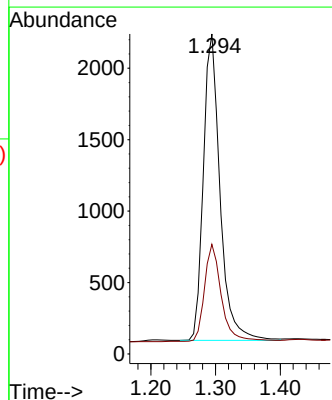
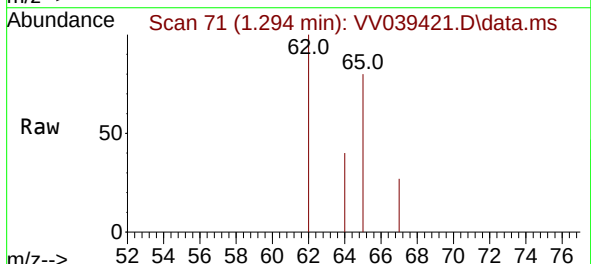
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5257

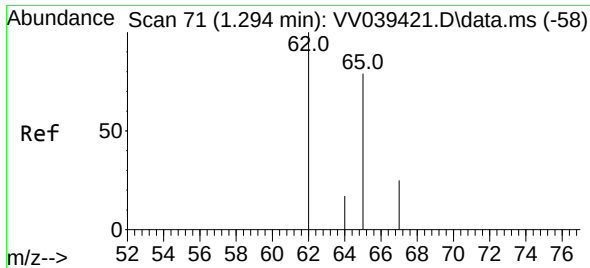
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	15.8	23.6
88	15.5	12.4	18.6



#2
Vinyl Chloride-d3
Concen: 0.568 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039421.D
Acq: 25 Nov 2025 11:05

Tgt Ion	Ratio	Lower	Upper
65	100		
67	32.9	23.0	42.8

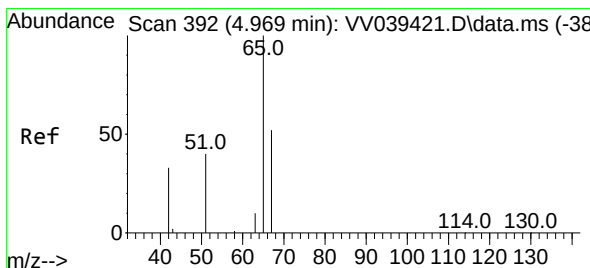
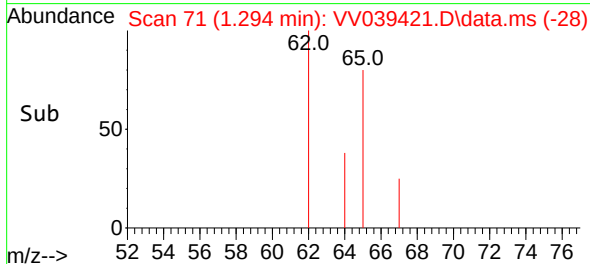
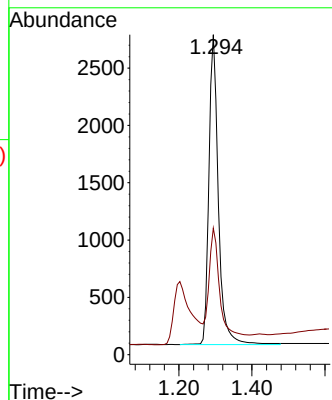
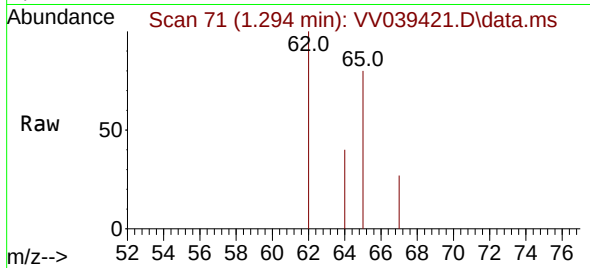




#3
 Vinyl chloride
 Concen: 0.407 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039421.D
 Acq: 25 Nov 2025 11:05

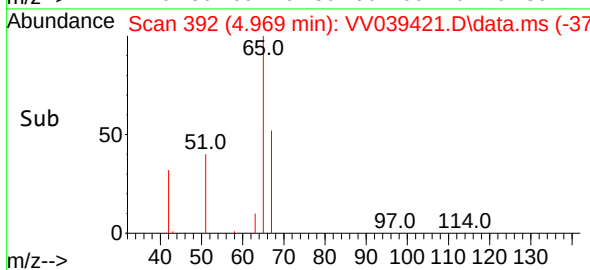
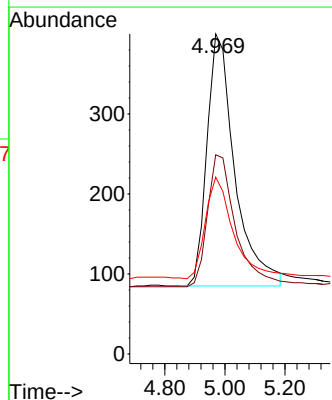
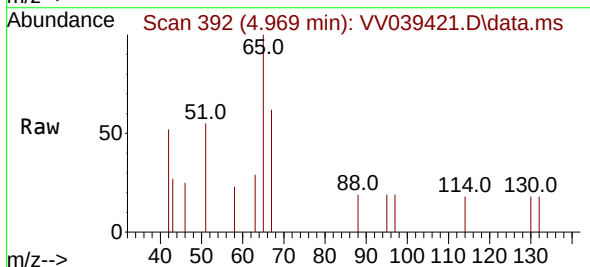
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5257

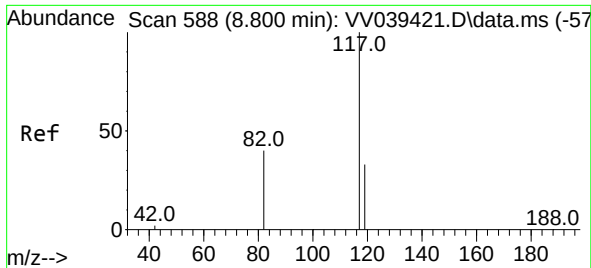
Tgt Ion: 62 Resp: 4878
 Ion Ratio Lower Upper
 62 100
 64 39.5 27.6 51.4



#4
 1,2-Dichloroethane-d4
 Concen: 0.514 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039421.D
 Acq: 25 Nov 2025 11:05

Tgt Ion: 65 Resp: 2037
 Ion Ratio Lower Upper
 65 100
 67 52.9 37.0 68.8
 51 39.7 27.8 51.6

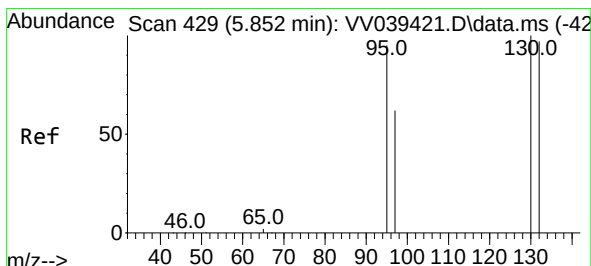
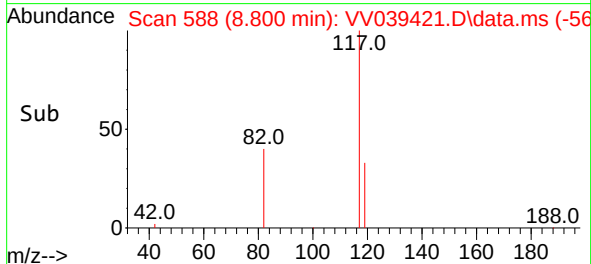
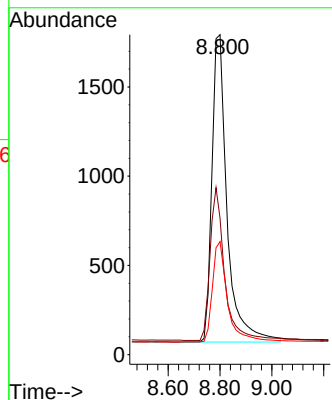
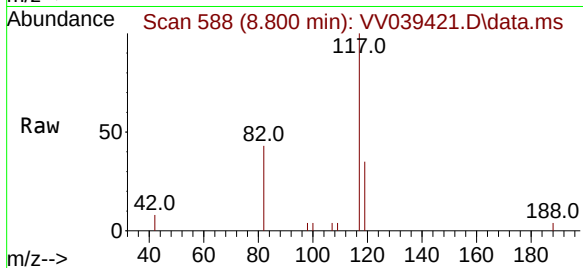




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.000 min
Lab File: VV039421.D
Acq: 25 Nov 2025 11:05

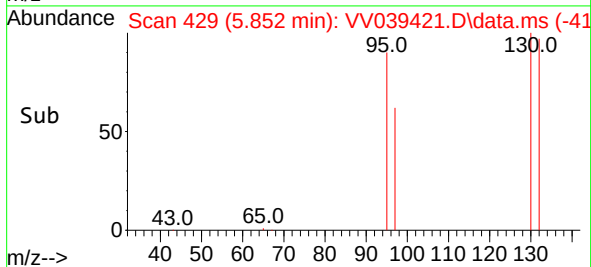
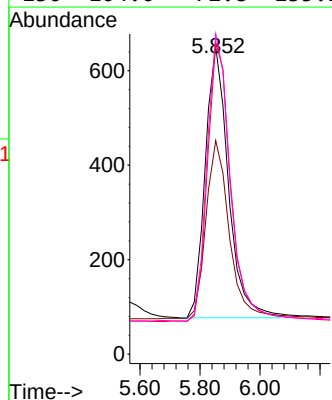
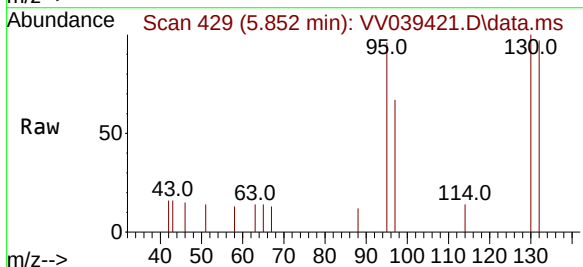
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5257

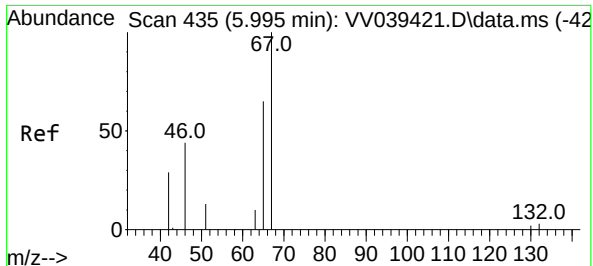
Tgt Ion:	117	Resp:	7009
Ion	Ratio	Lower	Upper
117	100		
82	47.9	38.2	57.4
119	32.1	25.7	38.5



#6
Trichloroethene
Concen: 0.508 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039421.D
Acq: 25 Nov 2025 11:05

Tgt Ion:	95	Resp:	3088
Ion	Ratio	Lower	Upper
95	100		
97	69.3	48.5	90.1
132	101.2	70.8	131.6
130	104.0	72.8	135.2



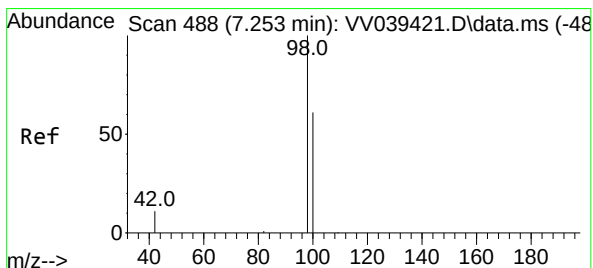
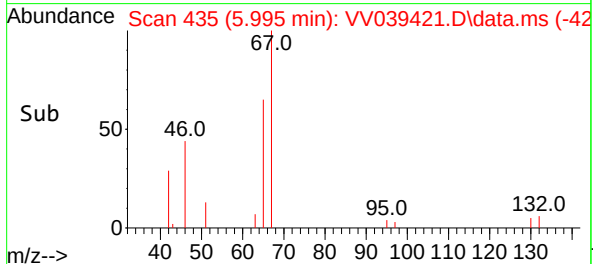
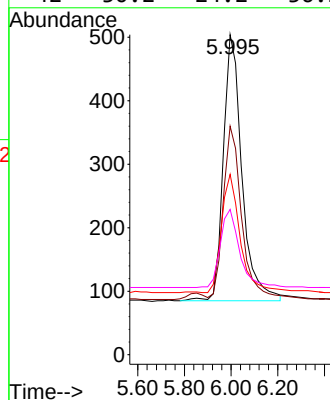
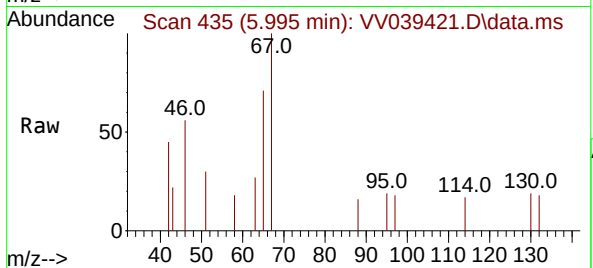


#7
1,2-Dichloropropane-d6
Concen: 0.587 ug/L
RT: 5.995 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV039421.D
Acq: 25 Nov 2025 11:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5257

Tgt Ion: 67 Resp: 2329

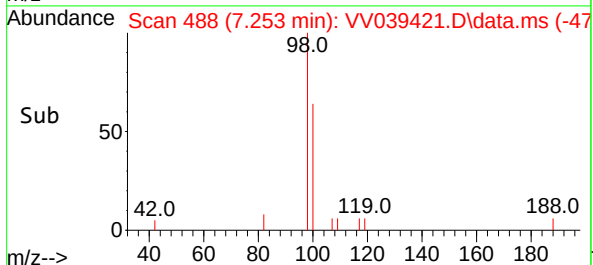
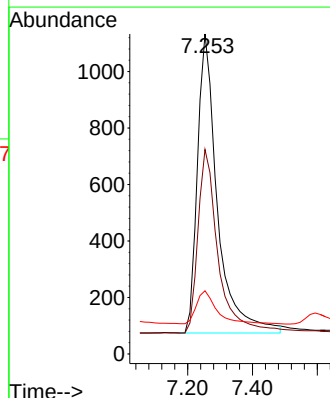
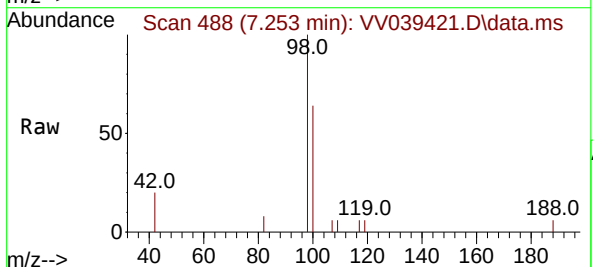
Ion	Ratio	Lower	Upper
67	100		
65	62.3	49.8	74.8
46	44.7	35.8	53.6
42	30.2	24.2	36.2

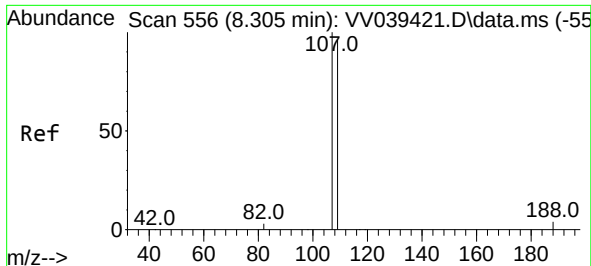


#8
Toluene-d8
Concen: 0.517 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.000 min
Lab File: VV039421.D
Acq: 25 Nov 2025 11:05

Tgt Ion: 98 Resp: 4551

Ion	Ratio	Lower	Upper
98	100		
100	61.6	43.1	80.1
42	11.1	7.8	14.4

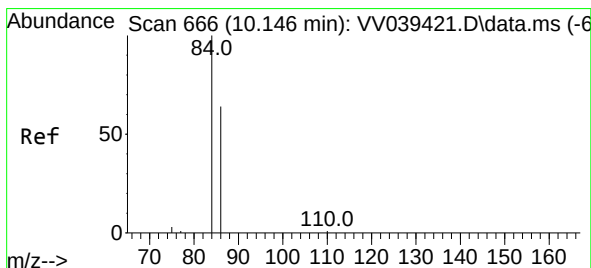
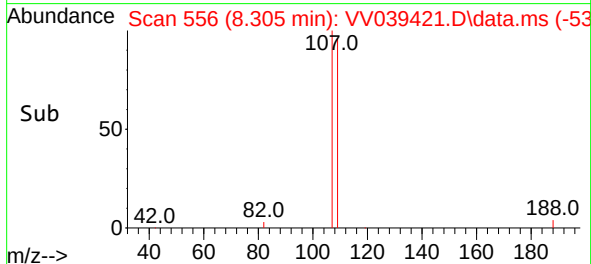
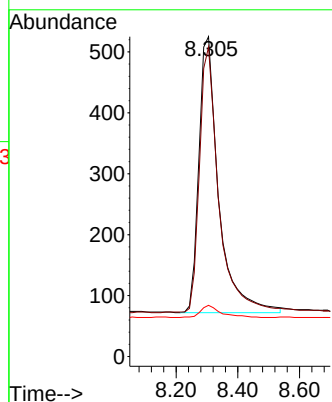
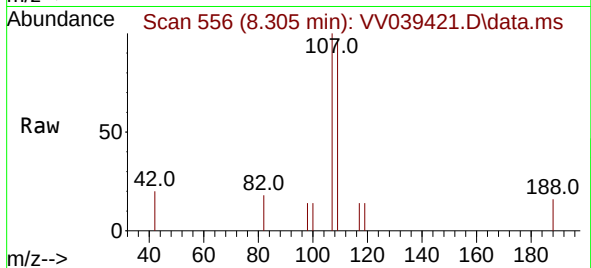




#9
 1,2-Dibromoethane
 Concen: 0.546 ug/L
 RT: 8.305 min Scan# 556
 Delta R.T. 0.000 min
 Lab File: VV039421.D
 Acq: 25 Nov 2025 11:05

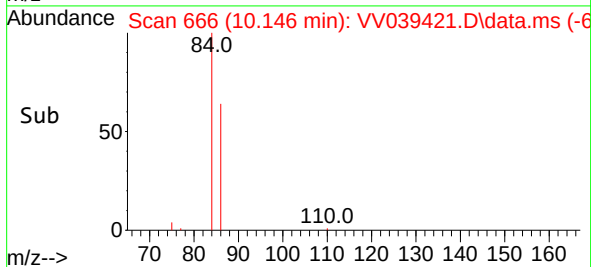
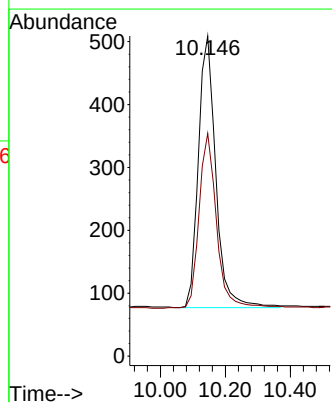
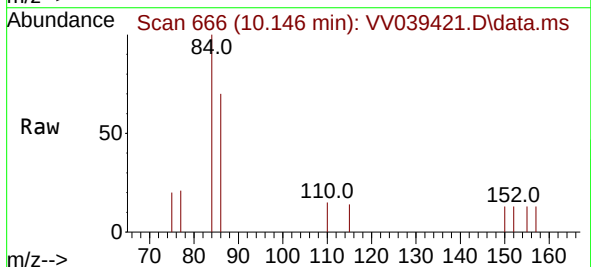
Instrument :
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 ClientSampleId :
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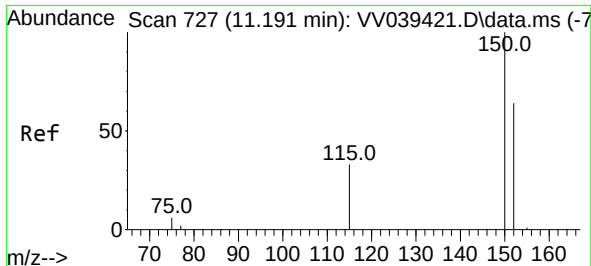
Tgt Ion:	107	Resp:	2024
Ion	Ratio	Lower	Upper
107	100		
109	96.8	67.8	125.8
188	16.0	12.8	19.2



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.571 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: VV039421.D
 Acq: 25 Nov 2025 11:05

Tgt Ion:	84	Resp:	1617
Ion	Ratio	Lower	Upper
84	100		
86	64.9	45.4	84.4

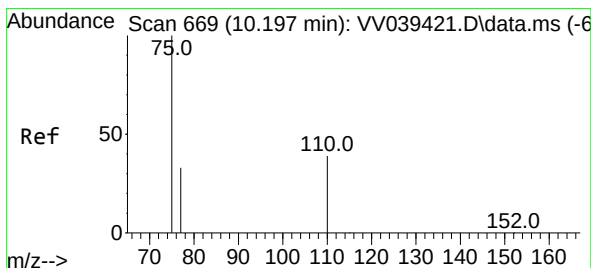
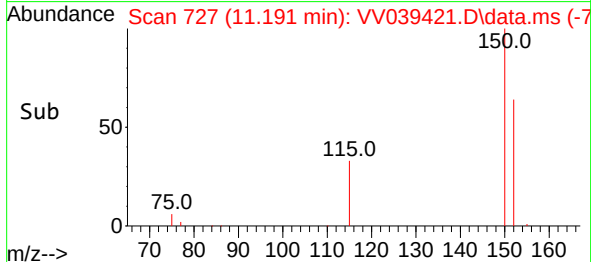
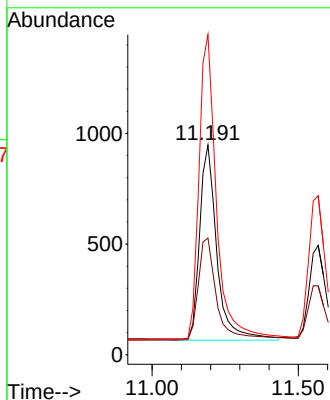
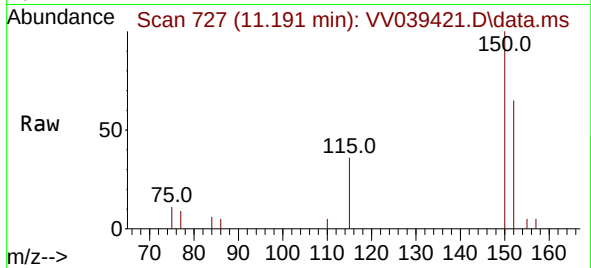




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: VV039421.D
 Acq: 25 Nov 2025 11:05

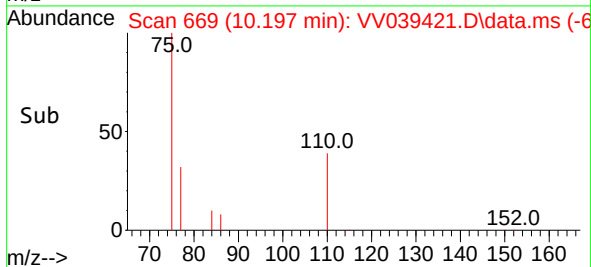
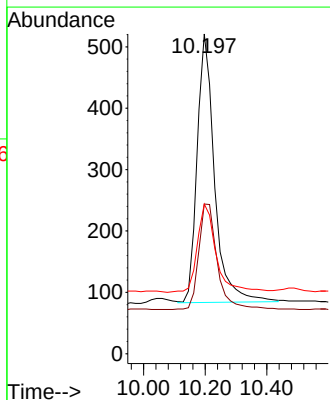
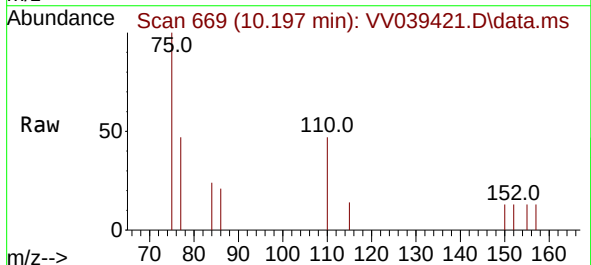
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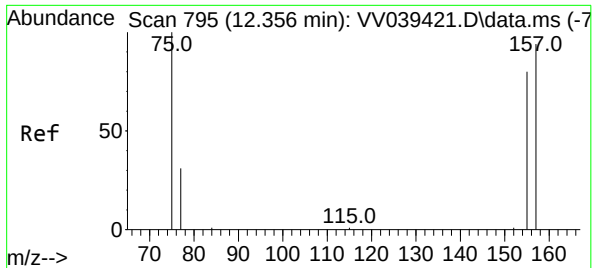
Tgt Ion:152 Resp: 3622
 Ion Ratio Lower Upper
 152 100
 115 52.7 0.0 105.4
 150 157.7 0.0 315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.476 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV039421.D
 Acq: 25 Nov 2025 11:05

Tgt Ion: 75 Resp: 1716
 Ion Ratio Lower Upper
 75 100
 110 42.0 33.6 50.4
 77 35.4 28.3 42.5





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.442 ug/L
 RT: 12.356 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV039421.D
 Acq: 25 Nov 2025 11:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5257

Tgt Ion:	75	Resp:	366
Ion	Ratio	Lower	Upper
75	100		
157	86.6	69.3	103.9
155	80.5	64.4	96.6

