

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039517.D
 Acq On : 10 Dec 2025 09:10
 Operator : SY/MD
 Sample : VSTDCCC0.5
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 00:03:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

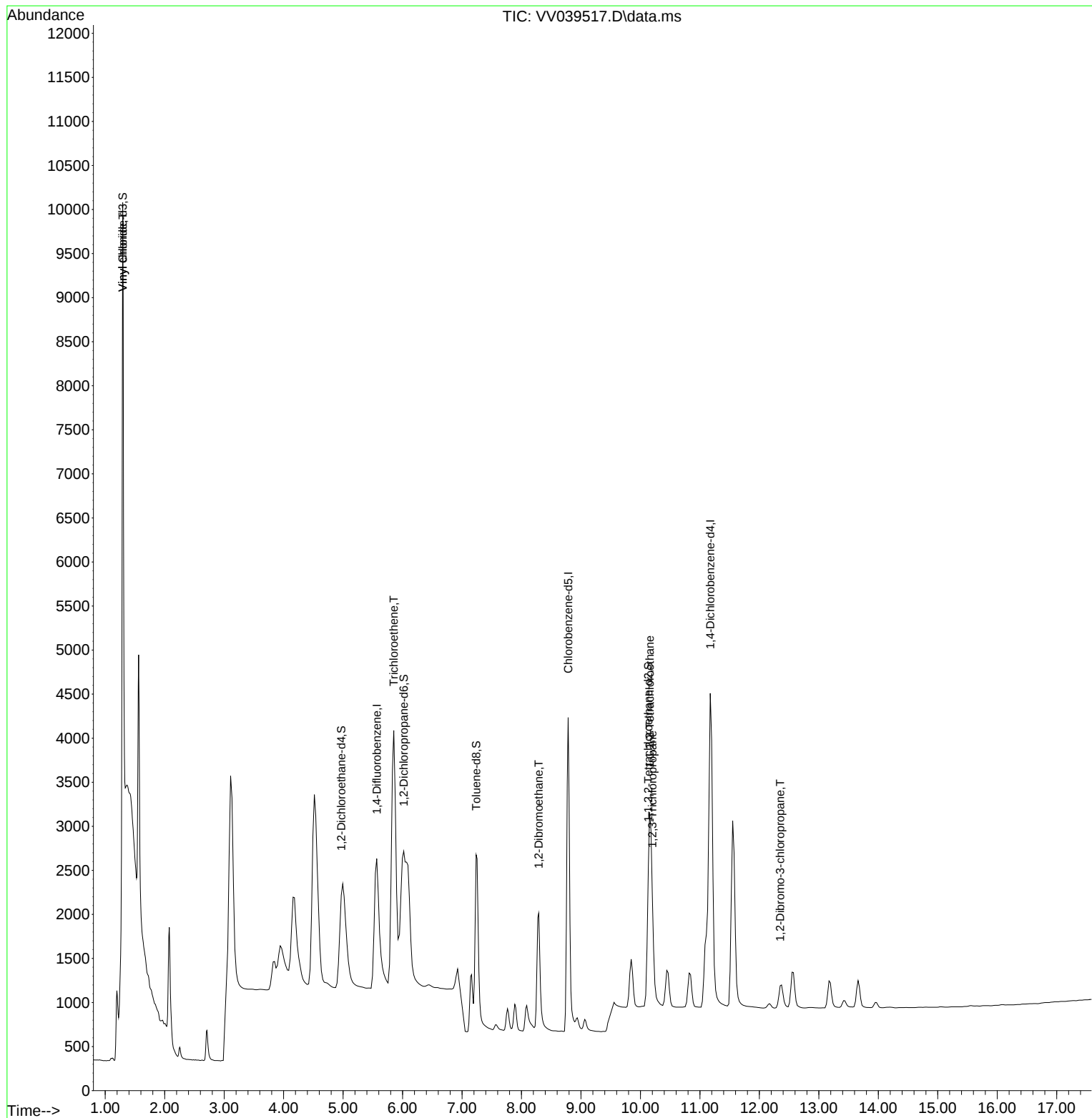
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6796	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6633	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3778	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3498	0.524	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.000%
4) 1,2-Dichloroethane-d4	4.970	65	2146	0.474	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	6.020	67	2978	0.532	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	106.000%
8) Toluene-d8	7.238	98	4603	0.488	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1658	0.526	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	7133	0.485	ug/L	# 18
6) Trichloroethene	5.853	95	4235	0.527	ug/L	99
9) 1,2-Dibromoethane	8.290	107	2562	0.472	ug/L	99
11) 1,1,2,2-Tetrachloroethane	10.155	83	3503	0.526	ug/L	100
13) 1,2,3-Trichloropropane	10.200	75	1912	0.495	ug/L	100
14) 1,2-Dibromo-3-chloropr...	12.351	75	394	0.489	ug/L	99

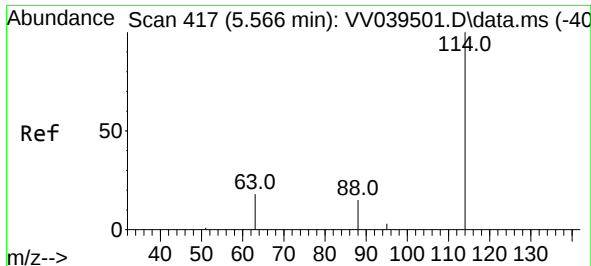
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
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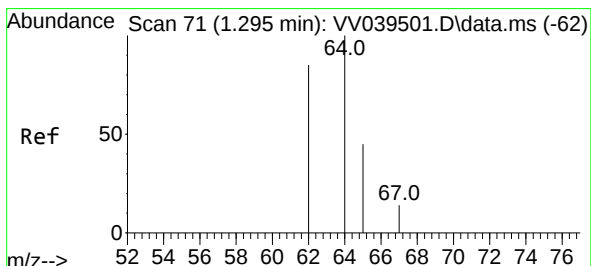
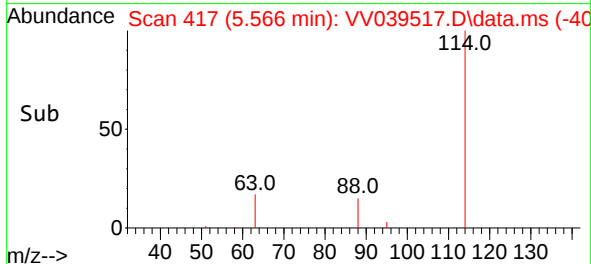
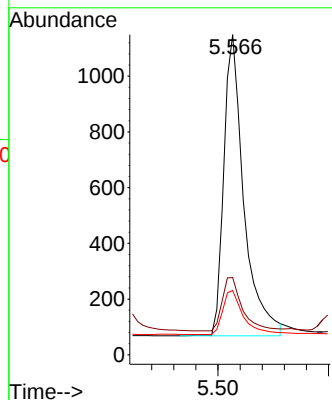
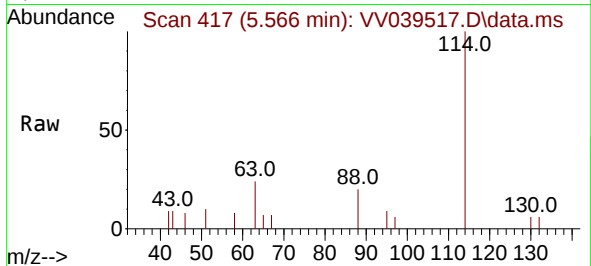




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

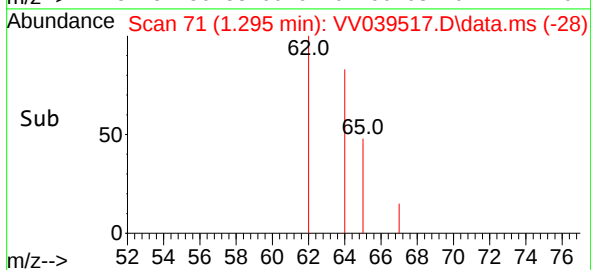
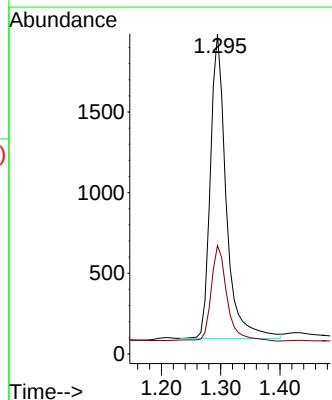
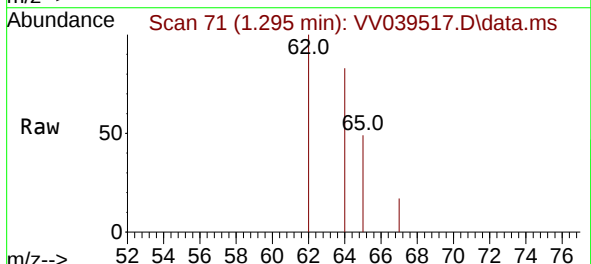
Instrument :
MSVOA_V
ClientSampleId :

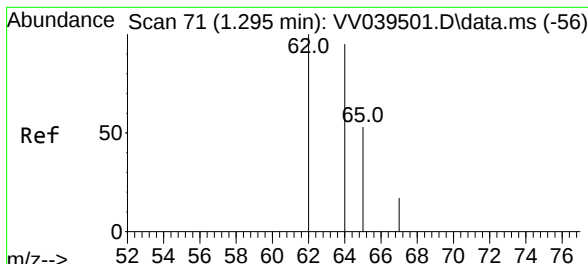
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	15.0	22.4
88	14.8	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.524 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

Tgt Ion	Ratio	Lower	Upper
65	100		
67	31.6	22.3	41.5

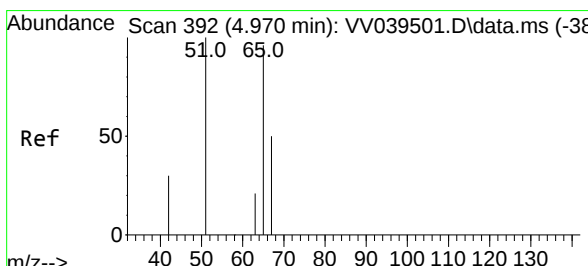
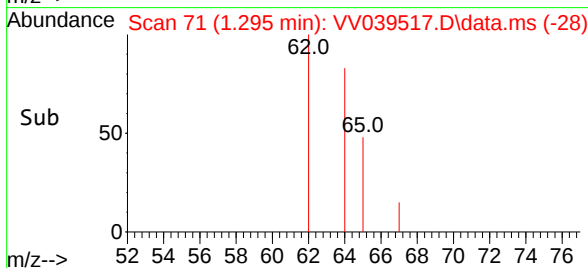
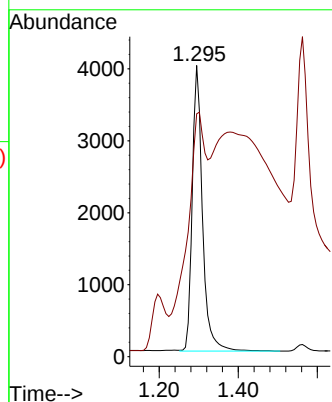
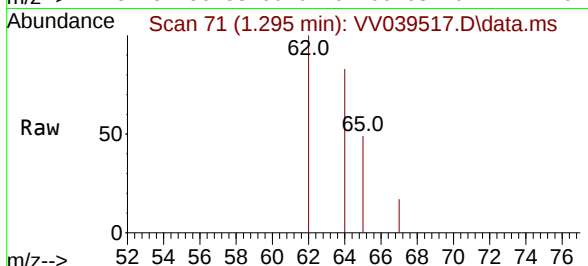




#3
 Vinyl chloride
 Concen: 0.485 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039517.D
 Acq: 10 Dec 2025 09:10

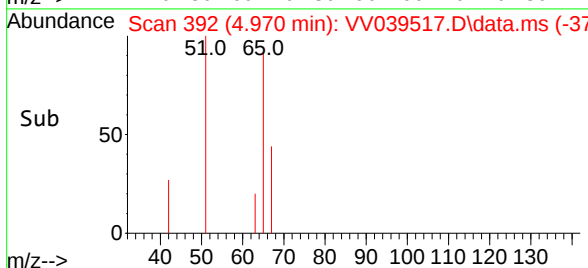
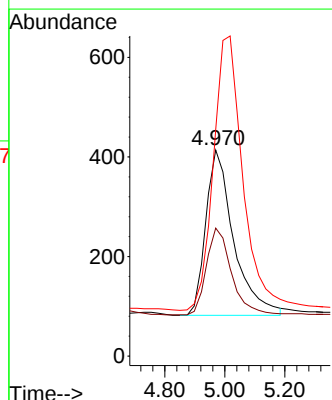
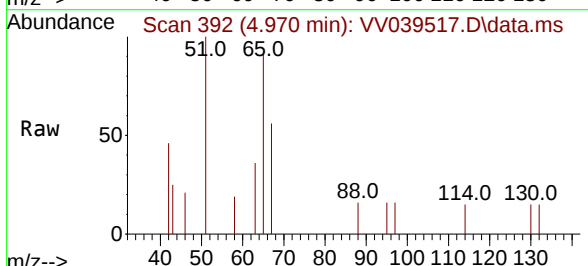
Instrument :
 MSVOA_V
 ClientSampleId :

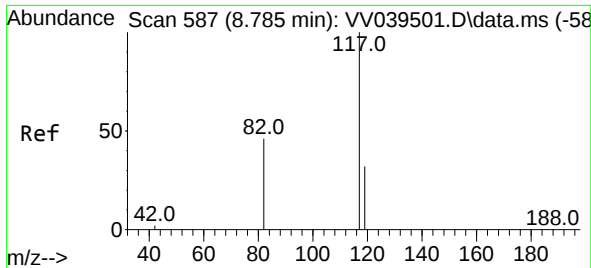
Tgt Ion: 62 Resp: 7133
 Ion Ratio Lower Upper
 62 100
 64 83.4 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.474 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.001 min
 Lab File: VV039517.D
 Acq: 10 Dec 2025 09:10

Tgt Ion: 65 Resp: 2146
 Ion Ratio Lower Upper
 65 100
 67 46.7 32.5 60.3
 51 174.1 121.4 225.6

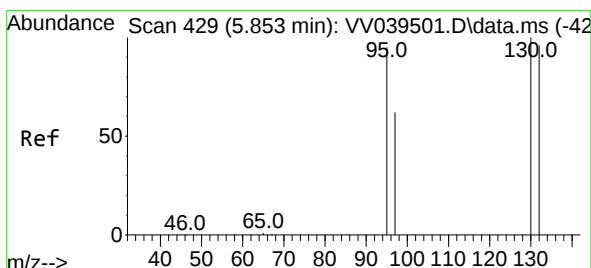
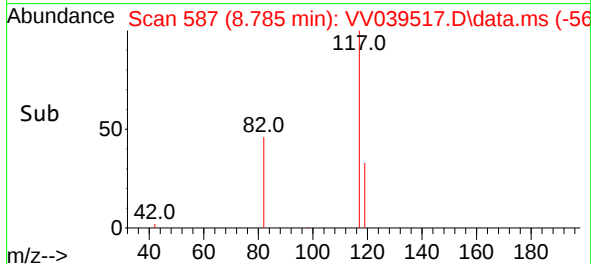
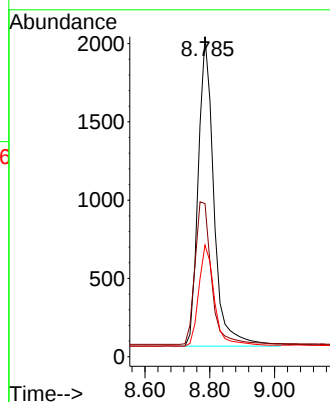
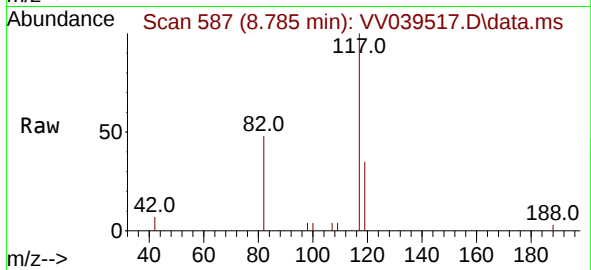




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

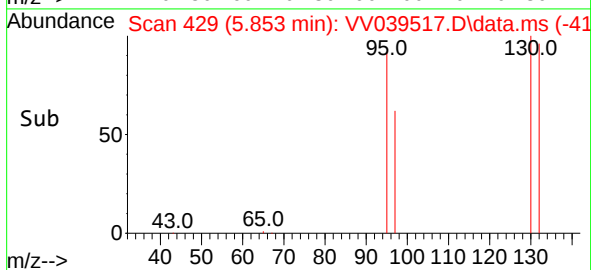
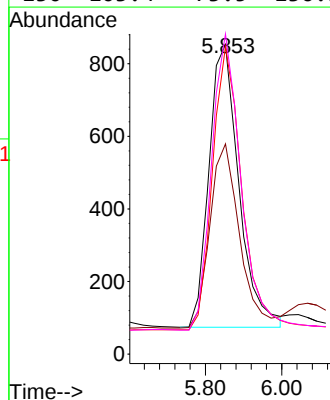
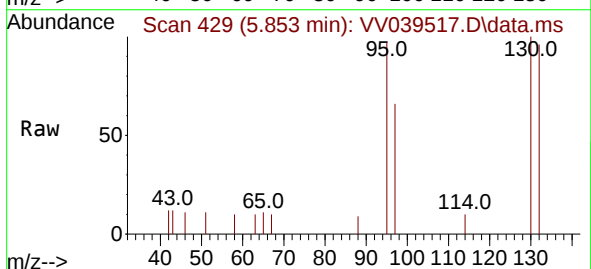
Instrument :
MSVOA_V
ClientSampleId :

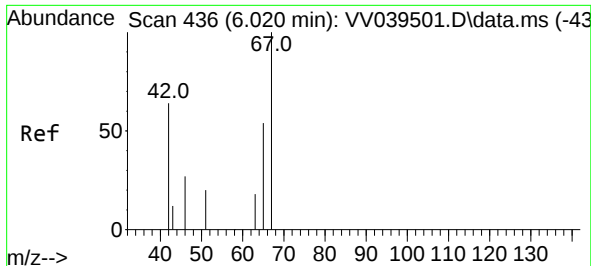
Tgt Ion:	117	Resp:	6633
Ion	Ratio	Lower	Upper
117	100		
82	48.8	39.4	59.2
119	32.9	26.2	39.2



#6
Trichloroethene
Concen: 0.527 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.001 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

Tgt Ion:	95	Resp:	4235
Ion	Ratio	Lower	Upper
95	100		
97	67.9	47.7	88.7
132	99.3	70.8	131.4
130	103.4	73.5	136.5

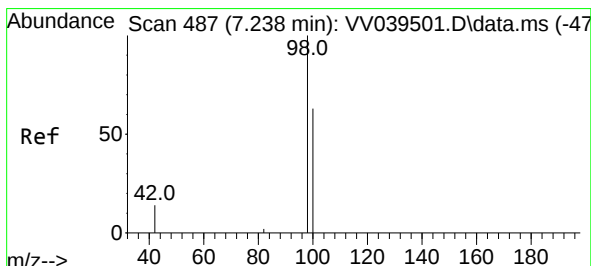
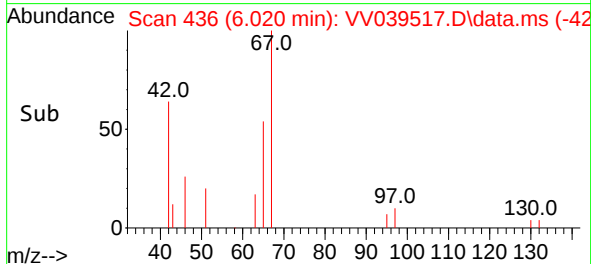
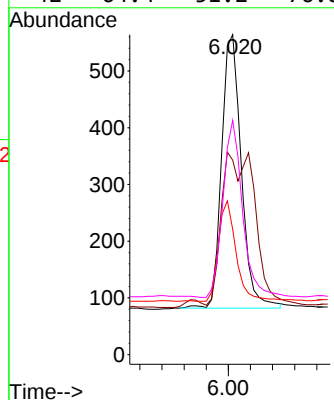
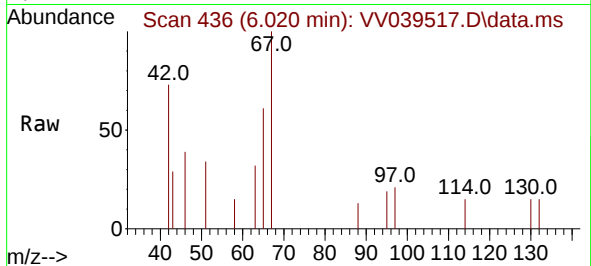




#7
1,2-Dichloropropane-d6
Concen: 0.532 ug/L
RT: 6.020 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

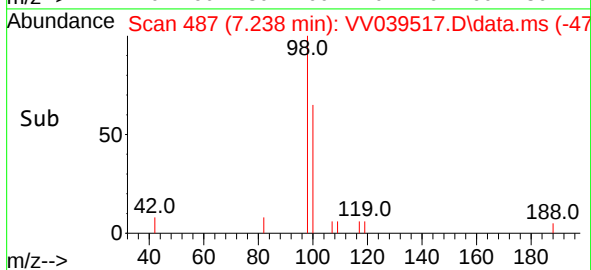
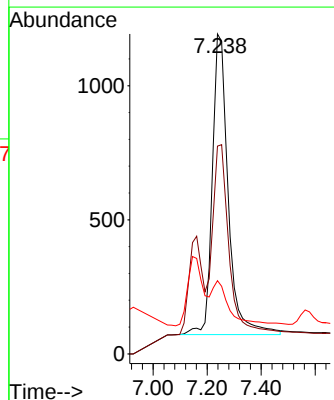
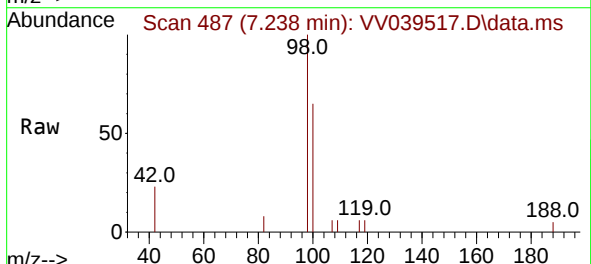
Instrument :
MSVOA_V
ClientSampleId :

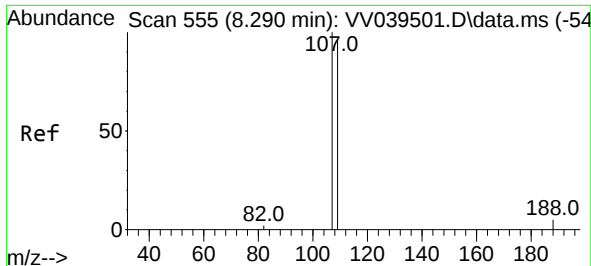
Tgt Ion: 67	Resp: 2978
Ion Ratio	Lower Upper
67 100	
65 48.8	37.9 56.9
46 33.1	27.4 41.0
42 64.4	51.2 76.8



#8
Toluene-d8
Concen: 0.488 ug/L
RT: 7.238 min Scan# 487
Delta R.T. 0.000 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

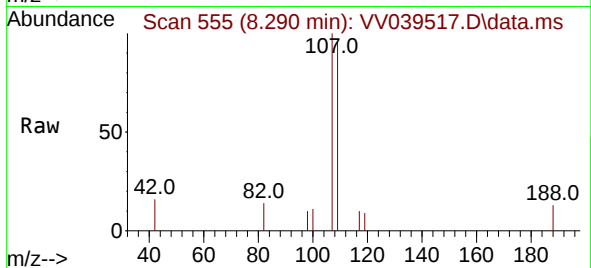
Tgt Ion: 98	Resp: 4603		
Ion Ratio	Lower	Upper	
98 100			
100 62.9	44.5	82.7	
42 14.2	10.1	18.7	



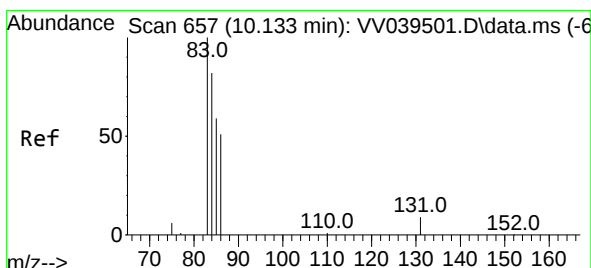
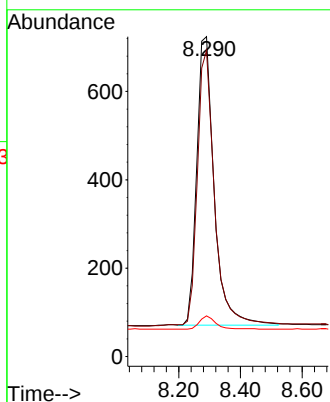
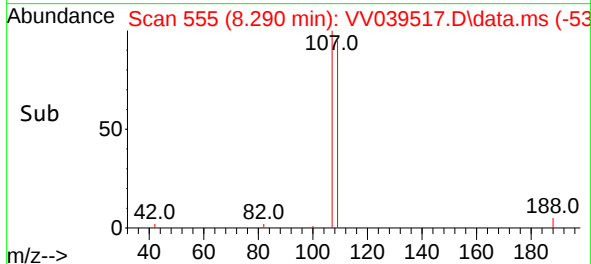


#9
1,2-Dibromoethane
Concen: 0.472 ug/L
RT: 8.290 min Scan# 555
Delta R.T. 0.000 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

Instrument :
MSVOA_V
ClientSampleId :

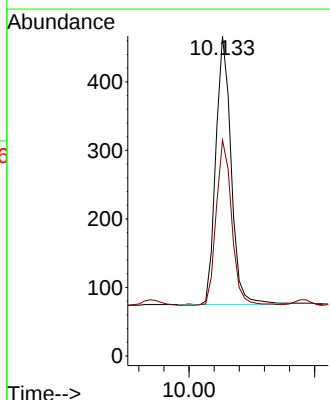
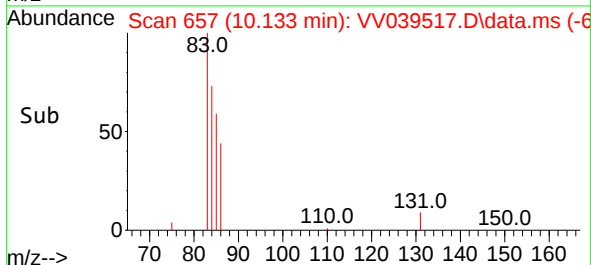
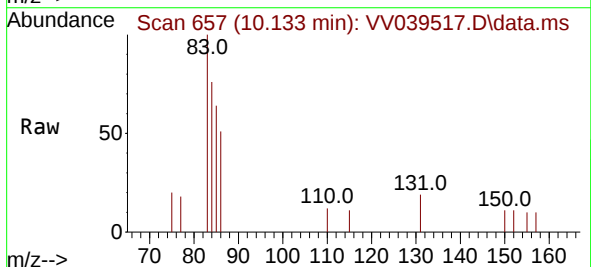


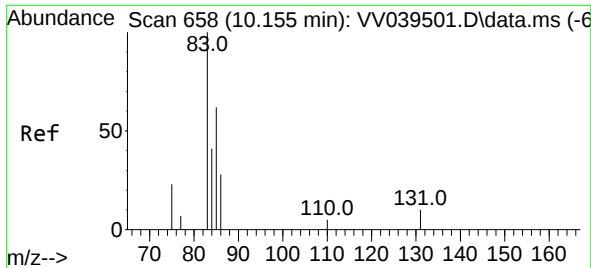
Tgt Ion:107 Resp: 2562
Ion Ratio Lower Upper
107 100
109 95.7 67.4 125.2
188 12.7 9.4 14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.526 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

Tgt Ion: 84 Resp: 1658
Ion Ratio Lower Upper
84 100
86 62.2 44.4 82.5

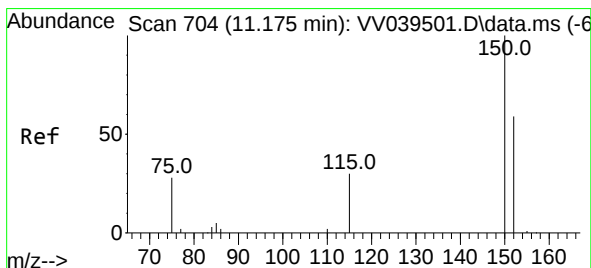
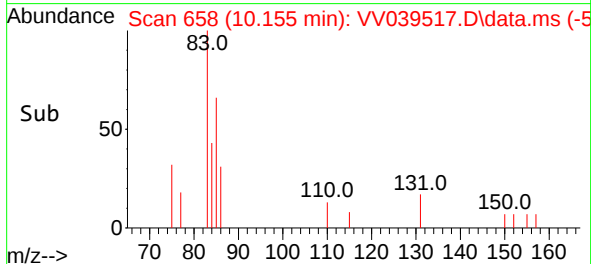
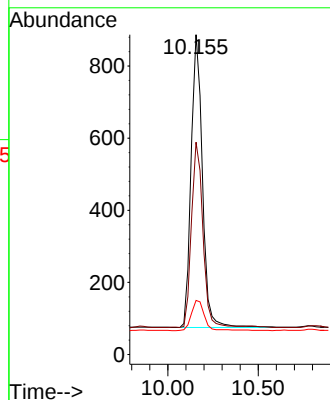
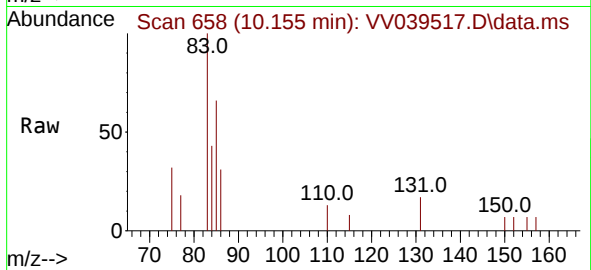




#11
1,1,2,2-Tetrachloroethane
Concen: 0.526 ug/L
RT: 10.155 min Scan# 611
Delta R.T. 0.000 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

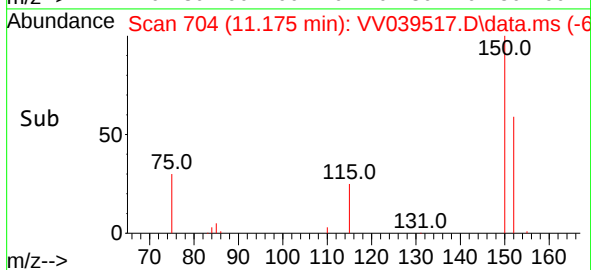
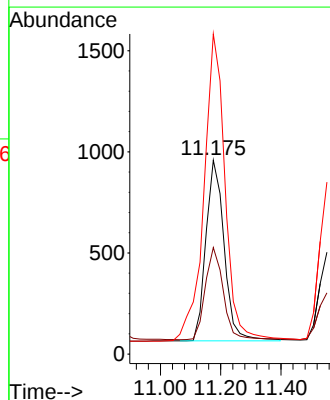
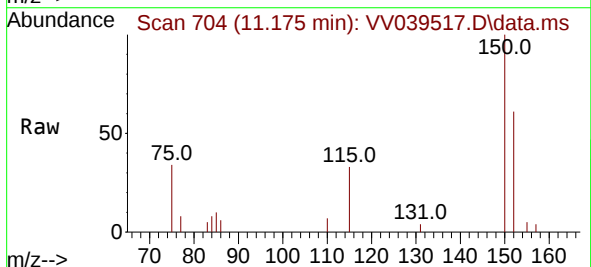
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MSVOA_V
ClientSampleId :

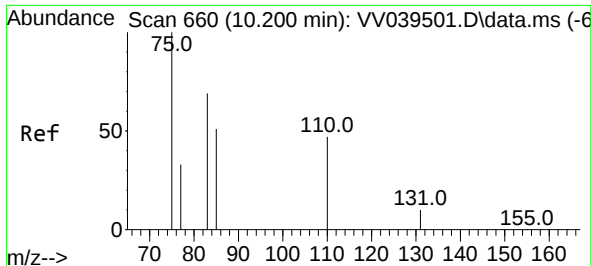
Tgt Ion: 83 Resp: 3503
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.6
131 11.6 8.6 12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039517.D
Acq: 10 Dec 2025 09:10

Tgt Ion:152 Resp: 3778
Ion Ratio Lower Upper
152 100
115 50.3 0.0 101.6
150 196.3 0.0 396.2





#13

1,2,3-Trichloropropane

Concen: 0.495 ug/L

RT: 10.200 min Scan# 660

Delta R.T. 0.001 min

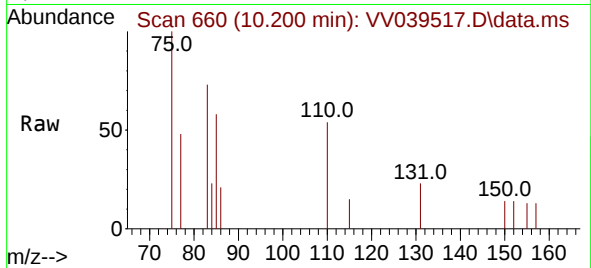
Lab File: VV039517.D

Acq: 10 Dec 2025 09:10

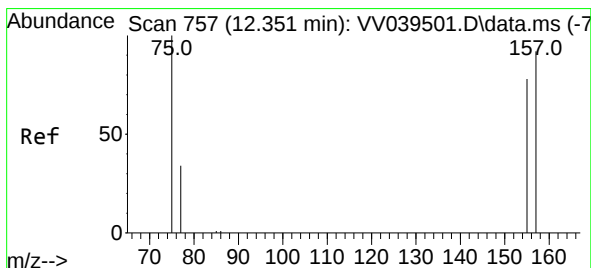
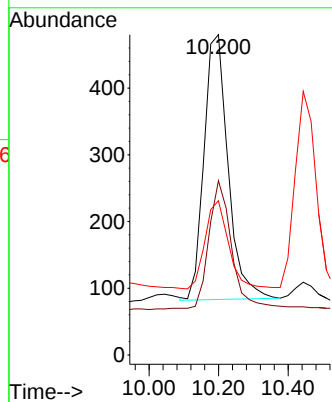
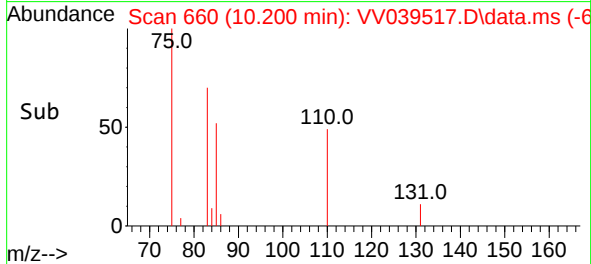
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75	Resp: 1912
Ion Ratio	Lower Upper
75	100
110	47.0 37.8 56.6
77	31.7 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.489 ug/L

RT: 12.351 min Scan# 757

Delta R.T. -0.000 min

Lab File: VV039517.D

Acq: 10 Dec 2025 09:10

Tgt Ion: 75	Resp: 394
Ion Ratio	Lower Upper
75	100
157	86.0 67.8 101.6
155	78.0 61.9 92.9

