

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW120925\
 Data File : VV039515.D
 Acq On : 09 Dec 2025 19:12
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5340

Quant Time: Dec 10 01:18:55 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)

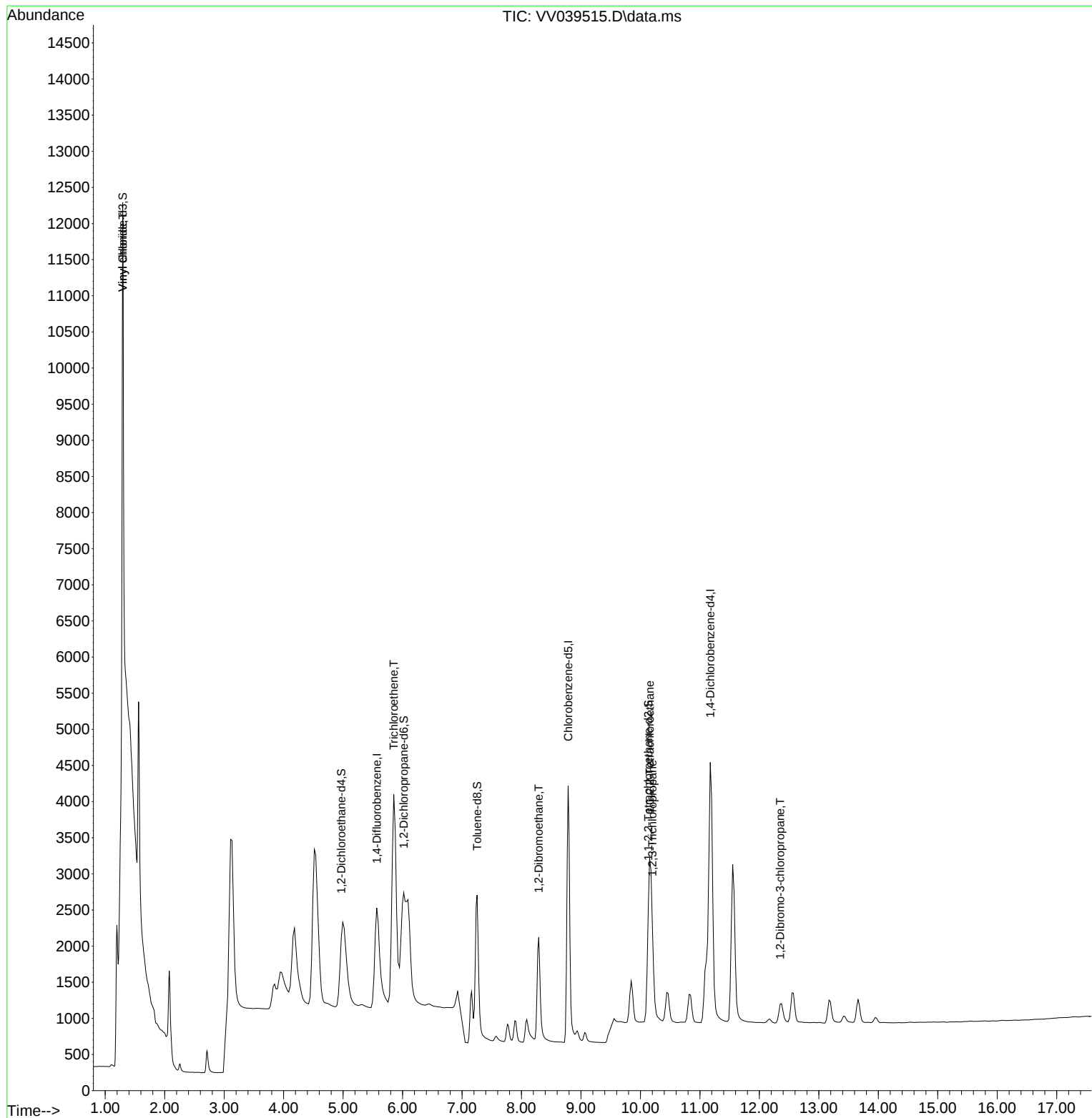
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6229	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6577	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3789	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3535	0.578	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	116.000%
4) 1,2-Dichloroethane-d4	4.970	65	2070	0.499	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
7) 1,2-Dichloropropane-d6	6.020	67	2969	0.535	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	108.000%
8) Toluene-d8	7.254	98	4567	0.488	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1757	0.562	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	112.000%
Target Compounds						
						Qvalue
3) Vinyl chloride	1.295	62	6964	0.517	ug/L	# 1
6) Trichloroethene	5.853	95	4275	0.536	ug/L	99
9) 1,2-Dibromoethane	8.290	107	2688	0.499	ug/L	98
11) 1,1,2,2-Tetrachloroethane	10.155	83	3600	0.546	ug/L	99
13) 1,2,3-Trichloropropane	10.200	75	2019	0.521	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.351	75	407	0.504	ug/L	100

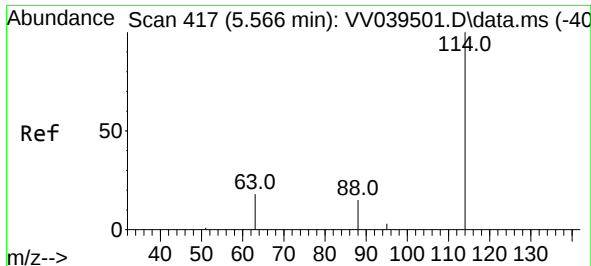
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
Data File : VV039515.D
Acq On : 09 Dec 2025 19:12
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Sample : VSTDCCC0.5EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5340

Quant Time: Dec 10 01:18:55 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

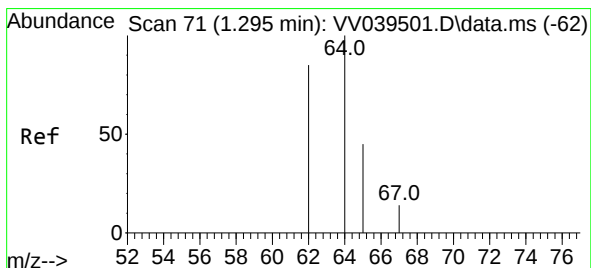
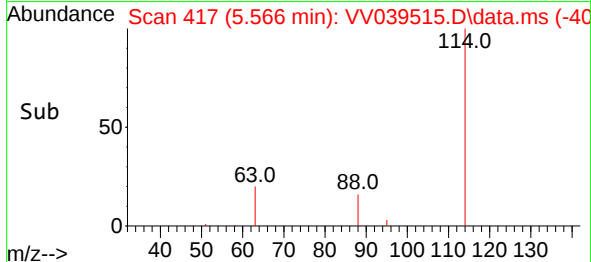
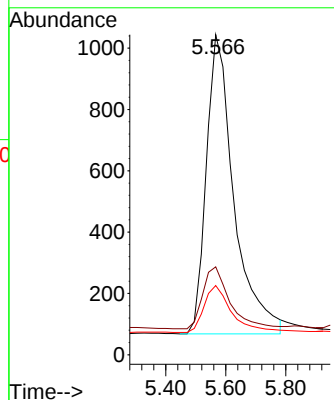
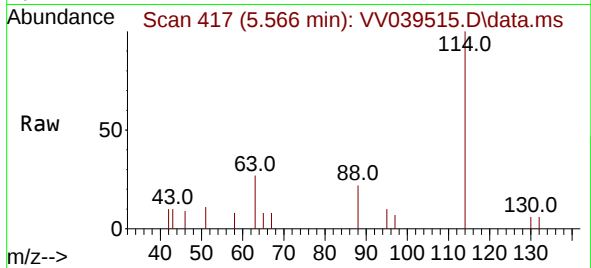




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

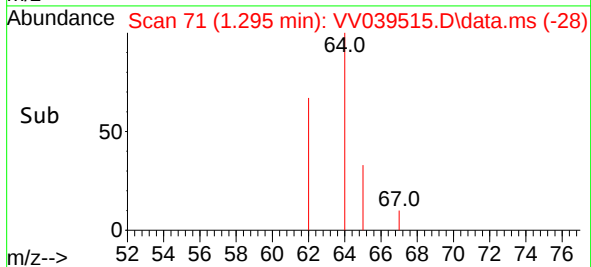
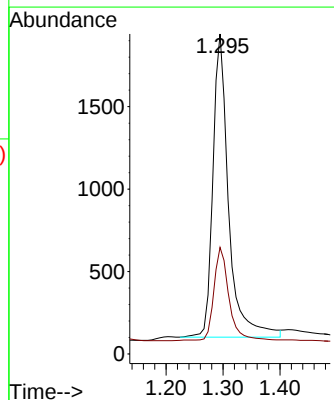
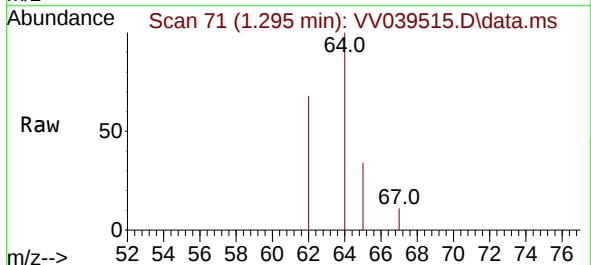
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5340

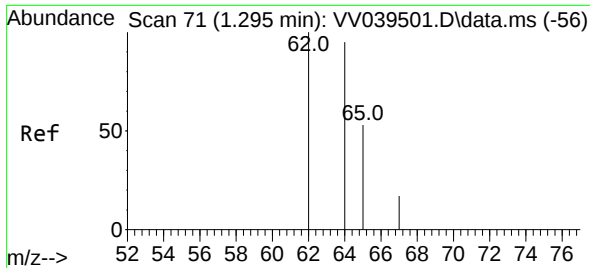
Tgt Ion:	114	Resp:	6229
Ion	Ratio	Lower	Upper
114	100		
63	20.3	15.0	22.4
88	15.6	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.578 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

Tgt Ion:	65	Resp:	3535
Ion	Ratio	Lower	Upper
65	100		
67	31.3	22.3	41.5

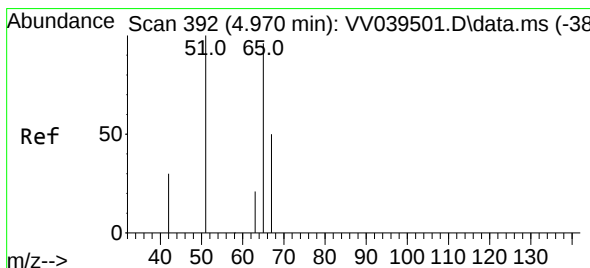
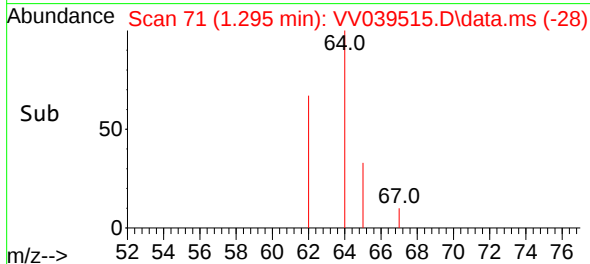
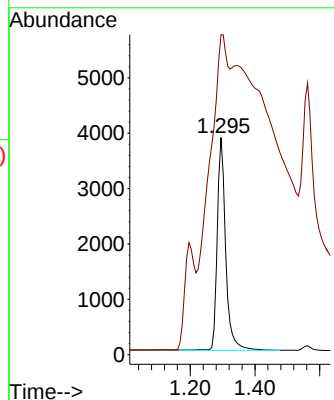
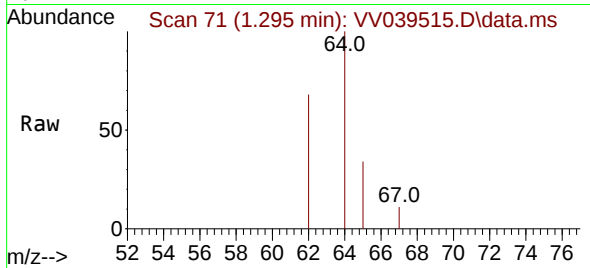




#3
 Vinyl chloride
 Concen: 0.517 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039515.D
 Acq: 09 Dec 2025 19:12

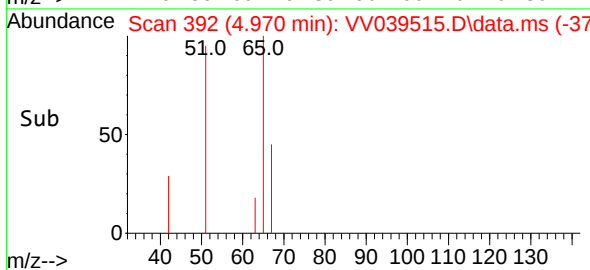
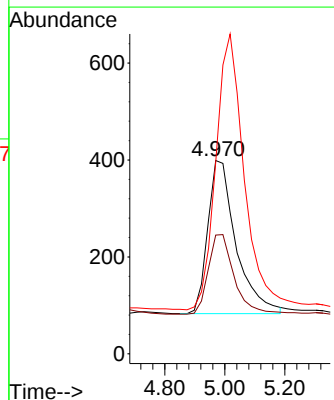
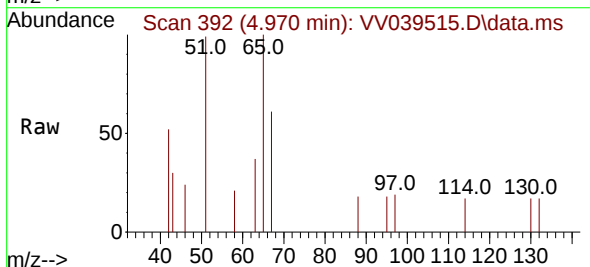
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5340

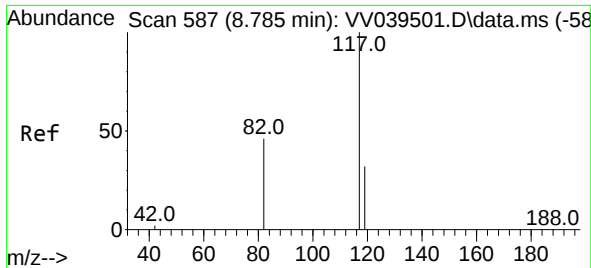
Tgt Ion: 62 Resp: 6964
 Ion Ratio Lower Upper
 62 100
 64 147.4 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.499 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.001 min
 Lab File: VV039515.D
 Acq: 09 Dec 2025 19:12

Tgt Ion: 65 Resp: 2070
 Ion Ratio Lower Upper
 65 100
 67 47.2 32.5 60.3
 51 178.6 121.4 225.6

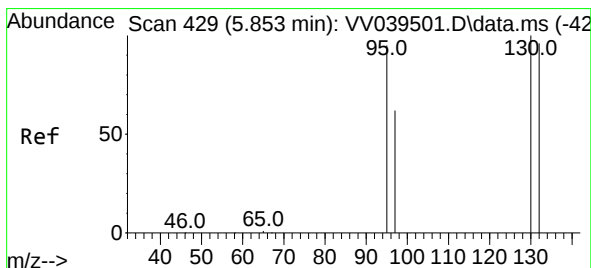
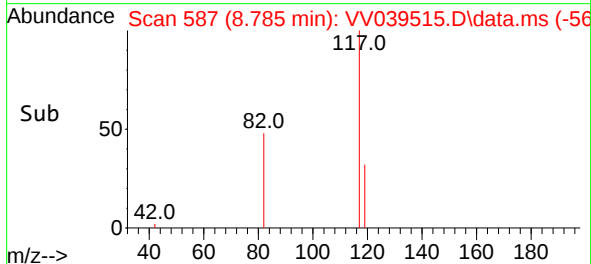
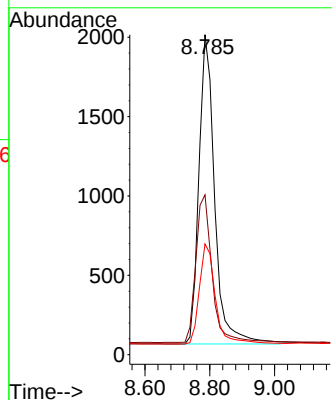
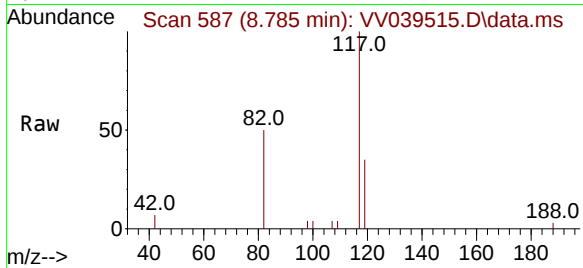




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

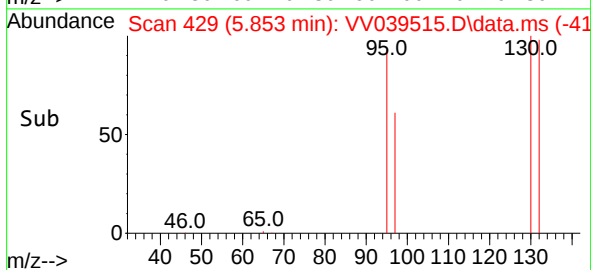
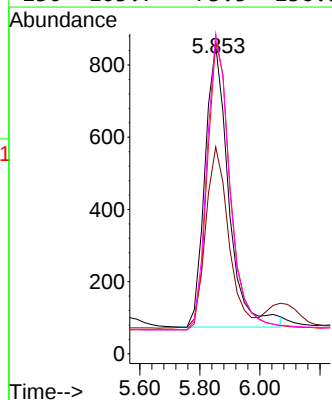
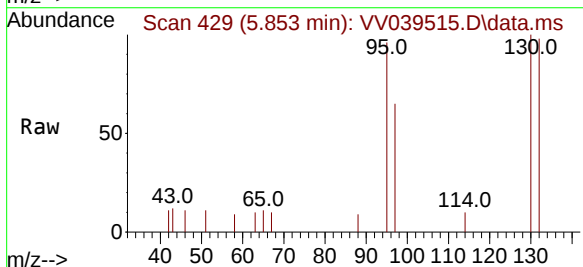
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5340

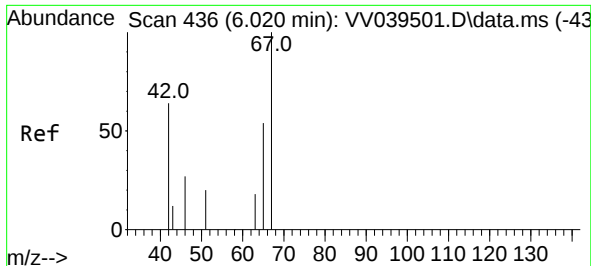
Tgt Ion:	117	Resp:	6577
Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.4	59.2
119	32.9	26.2	39.2



#6
Trichloroethene
Concen: 0.536 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.001 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

Tgt Ion:	95	Resp:	4275
Ion	Ratio	Lower	Upper
95	100		
97	67.1	47.7	88.7
132	101.3	70.8	131.4
130	103.7	73.5	136.5

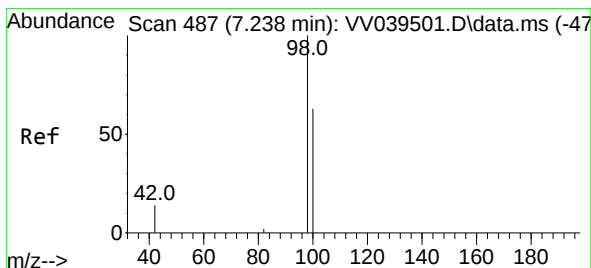
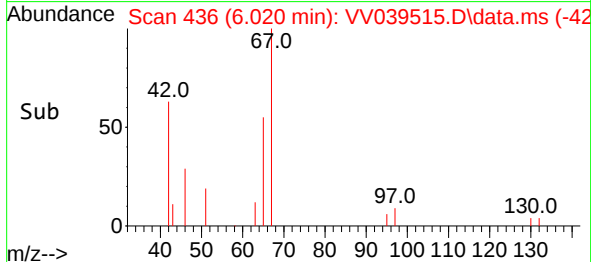
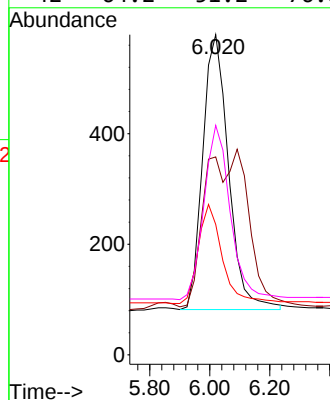
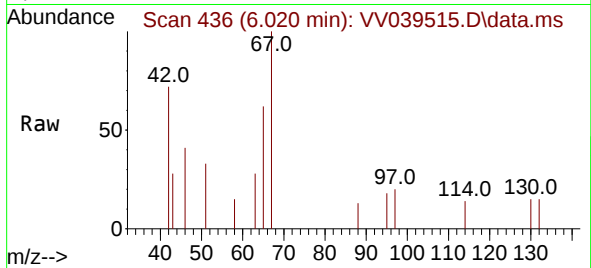




#7
1,2-Dichloropropane-d6
Concen: 0.535 ug/L
RT: 6.020 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

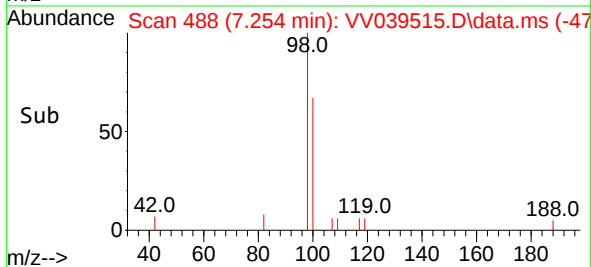
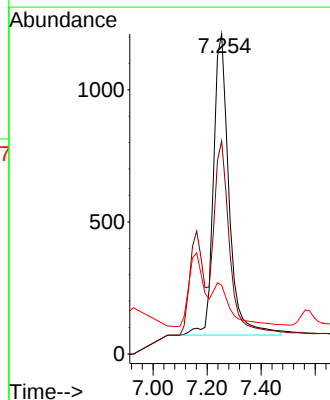
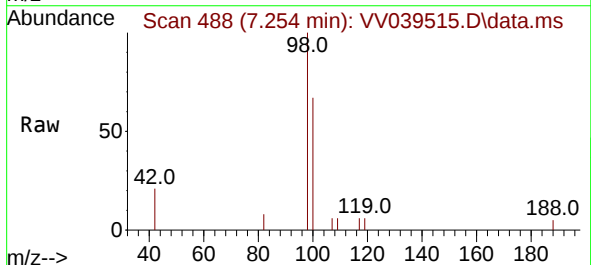
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5340

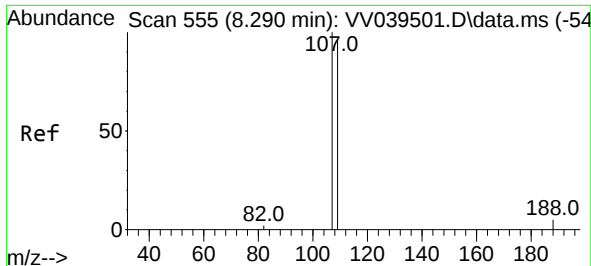
Tgt Ion:	67	Resp:	2969
Ion	Ratio	Lower	Upper
67	100		
65	47.0	37.9	56.9
46	33.6	27.4	41.0
42	64.2	51.2	76.8



#8
Toluene-d8
Concen: 0.488 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

Tgt Ion:	98	Resp:	4567
Ion	Ratio	Lower	Upper
98	100		
100	64.3	44.5	82.7
42	15.7	10.1	18.7

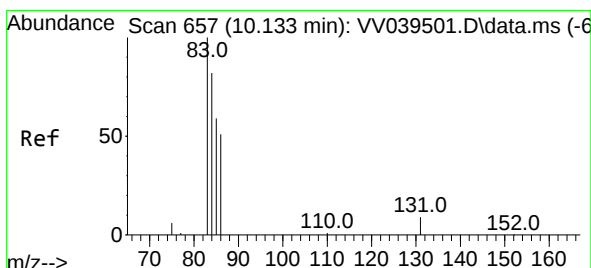
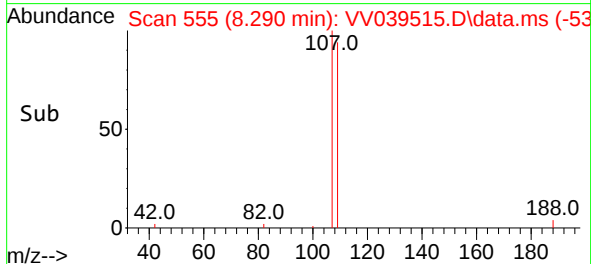
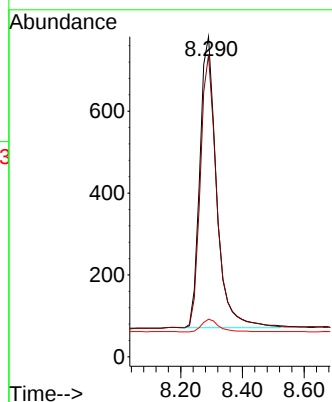
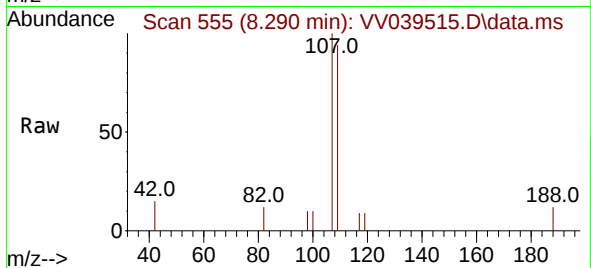




#9
1,2-Dibromoethane
Concen: 0.499 ug/L
RT: 8.290 min Scan# 555
Delta R.T. 0.000 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

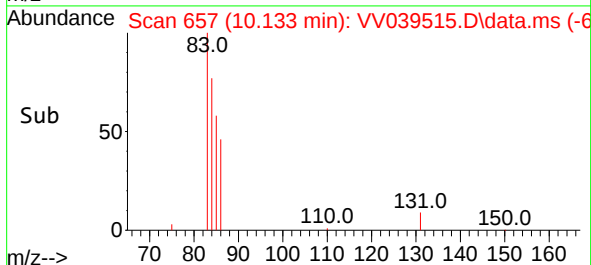
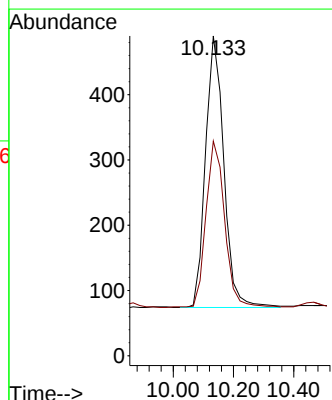
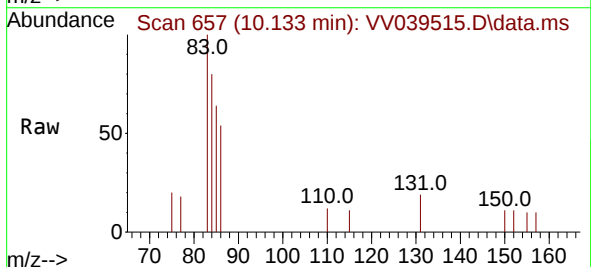
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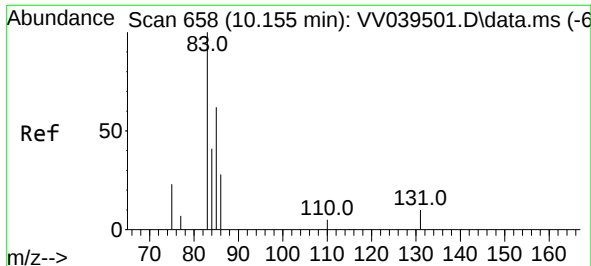
Tgt Ion:107 Resp: 2688
Ion Ratio Lower Upper
107 100
109 94.4 67.4 125.2
188 11.8 9.4 14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.562 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

Tgt Ion: 84 Resp: 1757
Ion Ratio Lower Upper
84 100
86 62.7 44.4 82.5

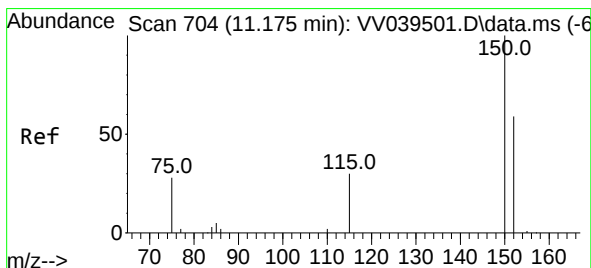
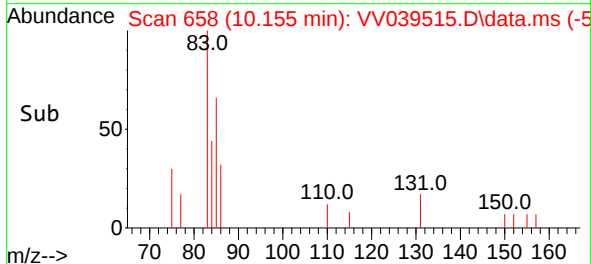
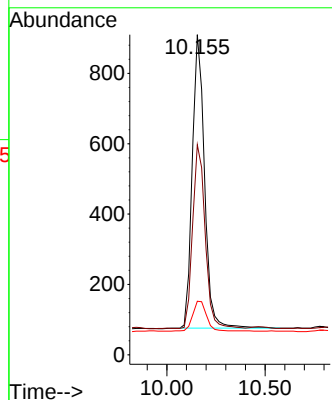
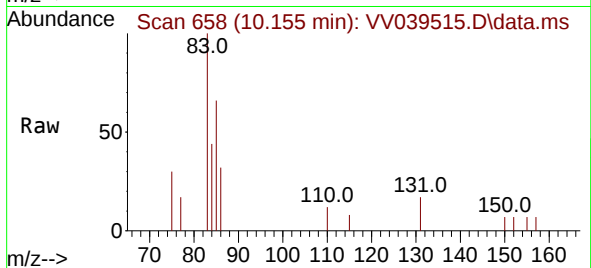




#11
1,1,2,2-Tetrachloroethane
Concen: 0.546 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.000 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

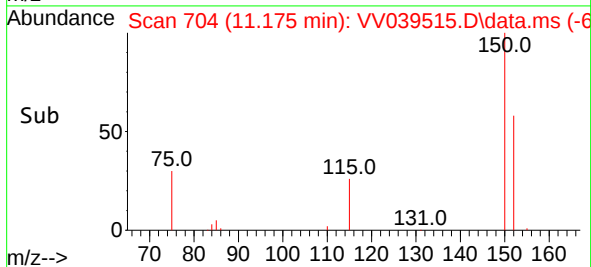
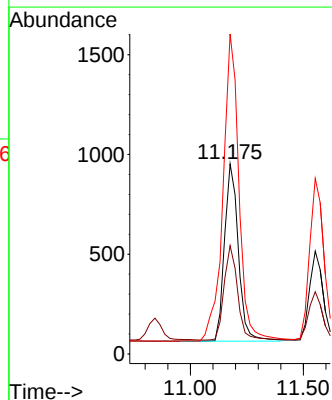
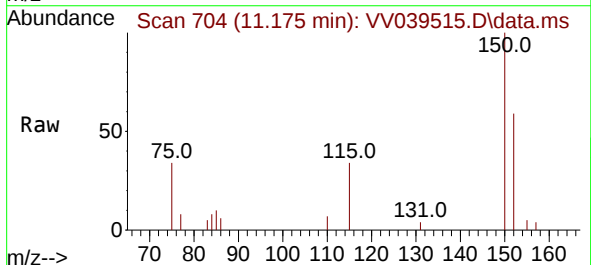
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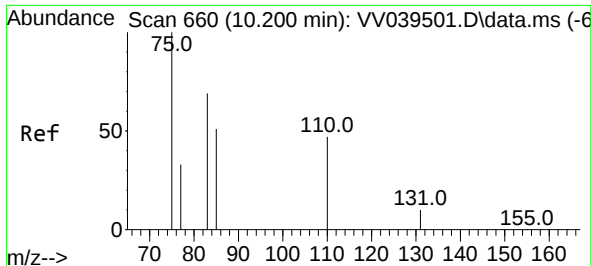
Tgt Ion: 83	Resp:	3600	
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.0	76.6
131	11.6	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039515.D
Acq: 09 Dec 2025 19:12

Tgt Ion:152	Resp:	3789	
Ion	Ratio	Lower	Upper
152	100		
115	52.0	0.0	101.6
150	198.7	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 0.521 ug/L

RT: 10.200 min Scan# 660

Delta R.T. 0.001 min

Lab File: VV039515.D

Acq: 09 Dec 2025 19:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5340

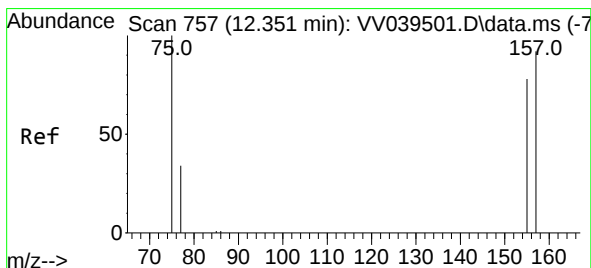
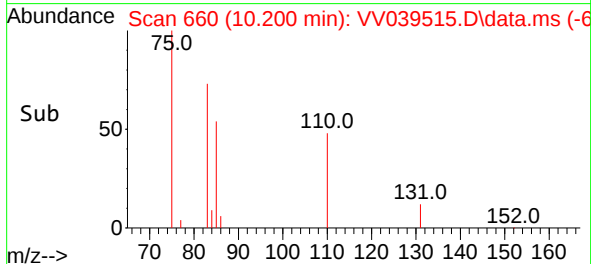
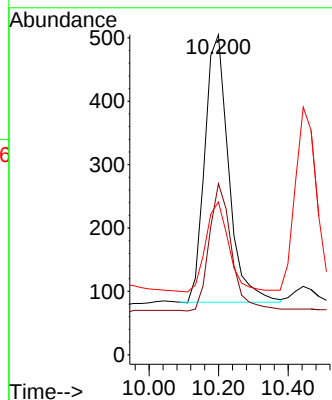
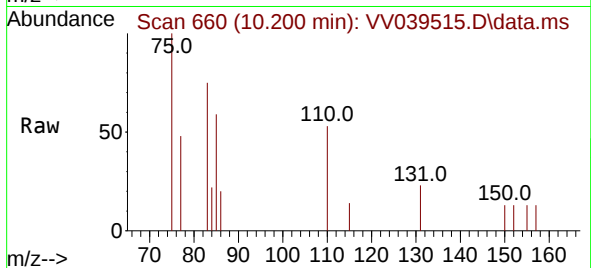
Tgt Ion: 75 Resp: 2019

Ion Ratio Lower Upper

75 100

110 43.7 37.8 56.6

77 31.9 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.504 ug/L

RT: 12.351 min Scan# 757

Delta R.T. -0.000 min

Lab File: VV039515.D

Acq: 09 Dec 2025 19:12

Tgt Ion: 75 Resp: 407

Ion Ratio Lower Upper

75 100

157 85.1 67.8 101.6

155 77.4 61.9 92.9

