

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039534.D
 Acq On : 11 Dec 2025 11:14
 Operator : SY/MD
 Sample : VSTDCCC0.5
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5343

Quant Time: Dec 12 00:46:25 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)

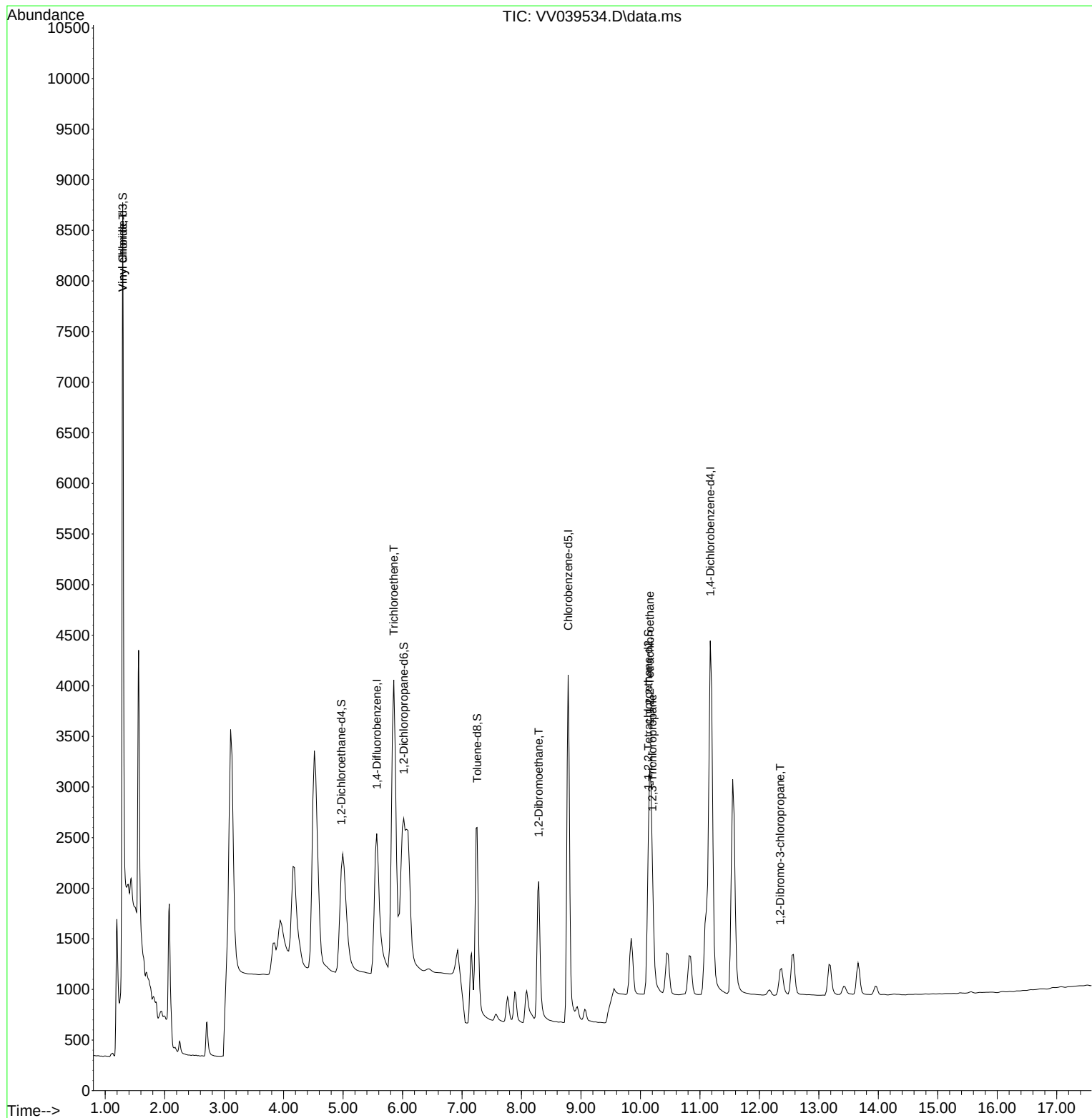
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6291	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6362	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3690	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3167	0.513	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	102.000%
4) 1,2-Dichloroethane-d4	4.969	65	2086	0.498	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
7) 1,2-Dichloropropane-d6	6.019	67	2821	0.526	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	106.000%
8) Toluene-d8	7.253	98	4478	0.495	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1674	0.553	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	110.000%
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	6894	0.506	ug/L	# 62
6) Trichloroethene	5.852	95	4319	0.560	ug/L	98
9) 1,2-Dibromoethane	8.290	107	2617	0.502	ug/L	100
11) 1,1,2,2-Tetrachloroethane	10.155	83	3581	0.561	ug/L	99
13) 1,2,3-Trichloropropane	10.199	75	1951	0.517	ug/L	99
14) 1,2-Dibromo-3-chloropr...	12.350	75	413	0.525	ug/L	99

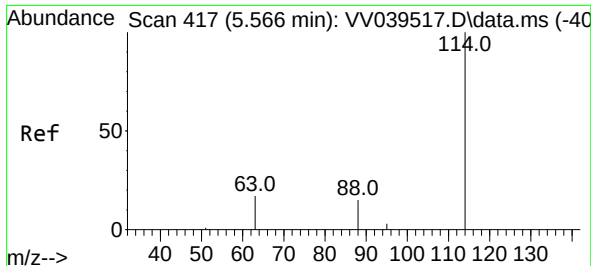
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
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Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5343

Quant Time: Dec 12 00:46:25 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

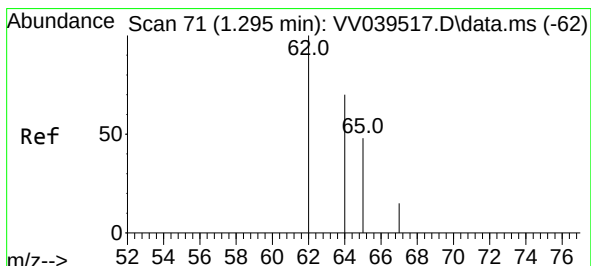
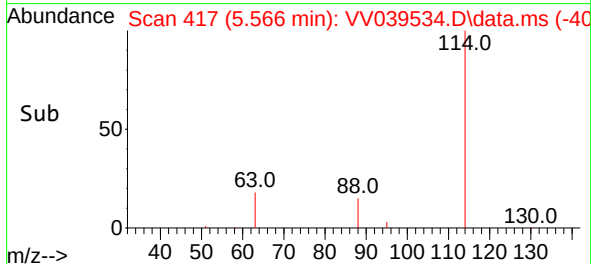
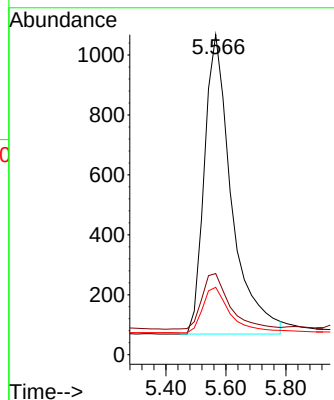
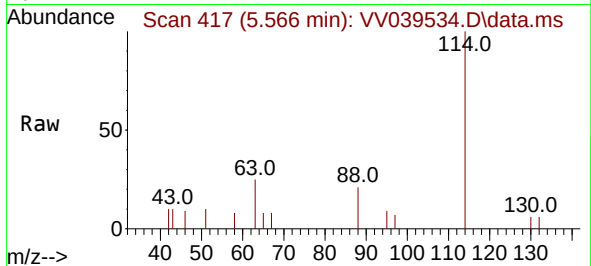




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039534.D
 Acq: 11 Dec 2025 11:14

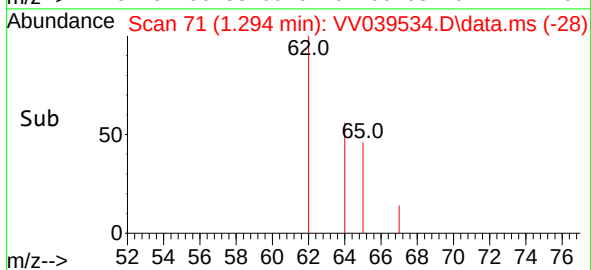
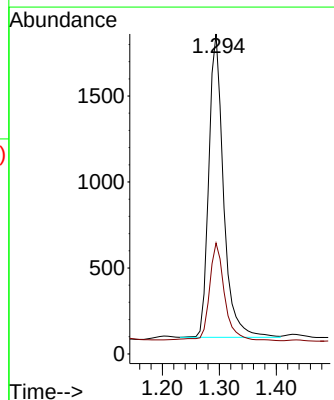
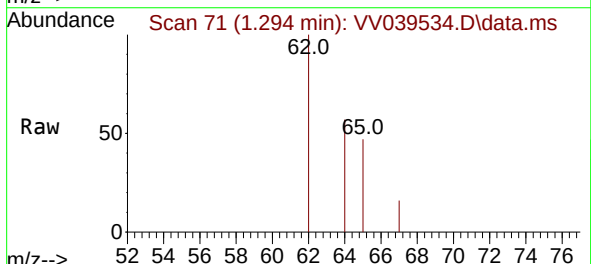
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5343

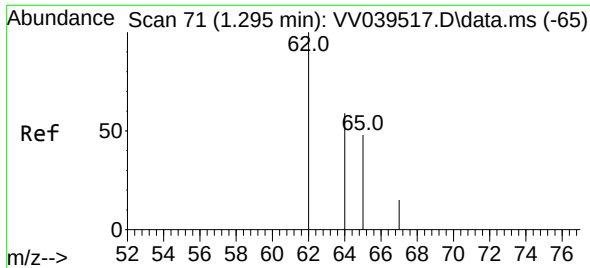
Tgt Ion:	114	Resp:	6291
Ion	Ratio	Lower	Upper
114	100		
63	19.0	15.0	22.4
88	15.4	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.513 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039534.D
 Acq: 11 Dec 2025 11:14

Tgt Ion:	65	Resp:	3167
Ion	Ratio	Lower	Upper
65	100		
67	33.8	22.3	41.5

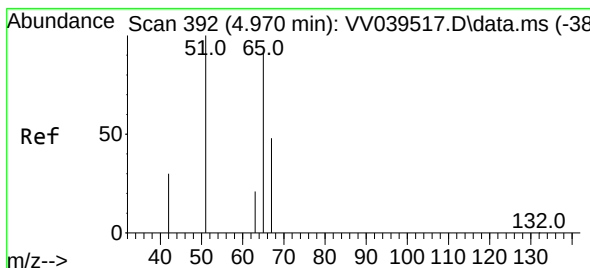
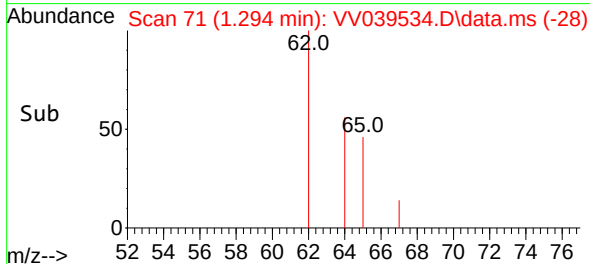
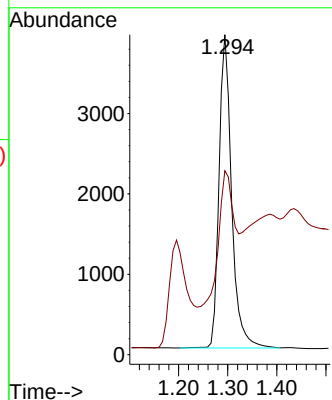
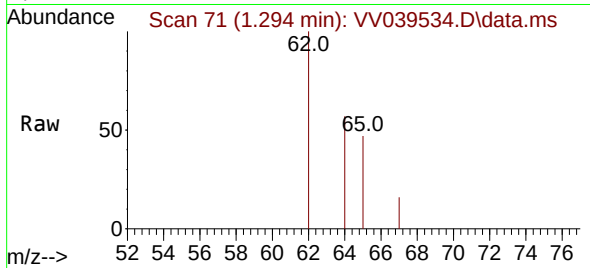




#3
 Vinyl chloride
 Concen: 0.506 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039534.D
 Acq: 11 Dec 2025 11:14

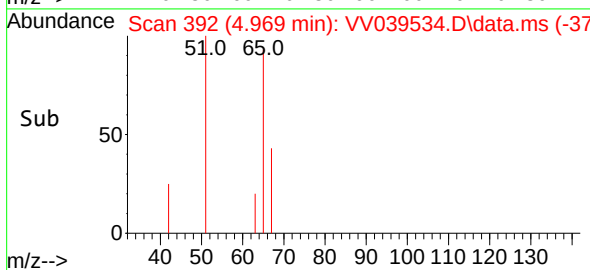
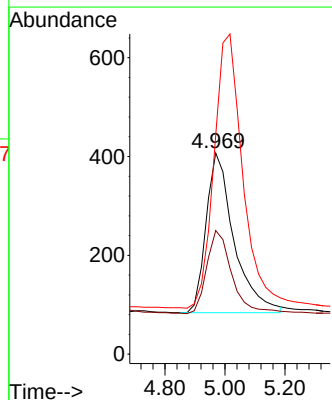
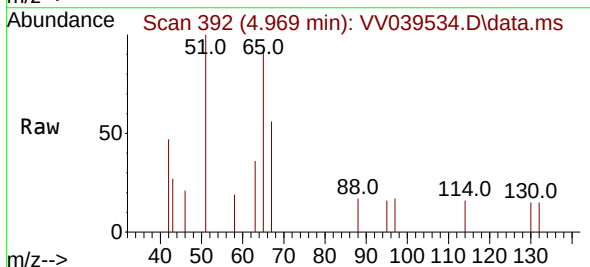
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5343

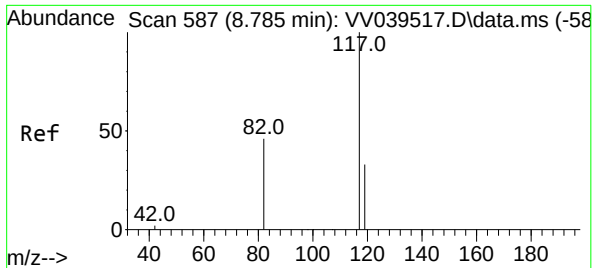
Tgt Ion: 62 Resp: 6894
 Ion Ratio Lower Upper
 62 100
 64 57.5 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.498 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039534.D
 Acq: 11 Dec 2025 11:14

Tgt Ion: 65 Resp: 2086
 Ion Ratio Lower Upper
 65 100
 67 45.8 32.5 60.3
 51 175.7 121.4 225.6

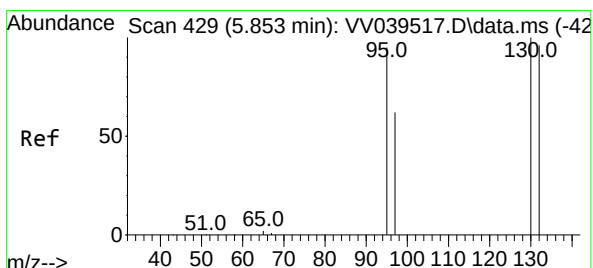
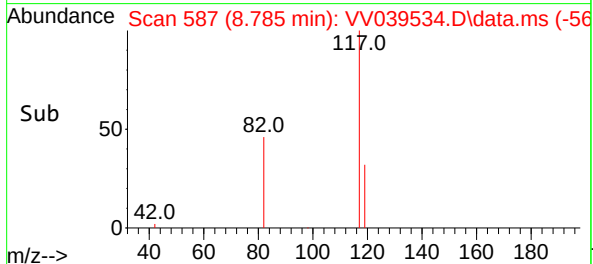
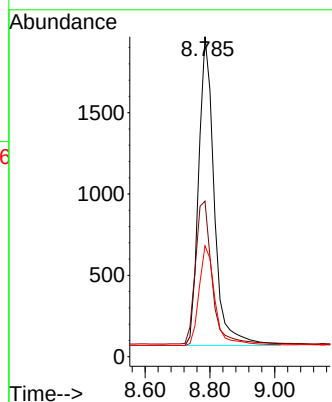
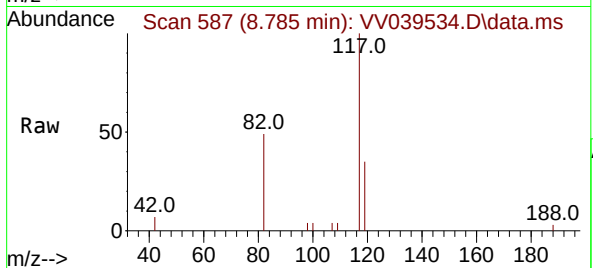




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV039534.D
Acq: 11 Dec 2025 11:14

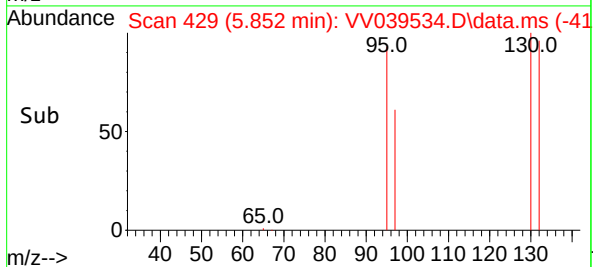
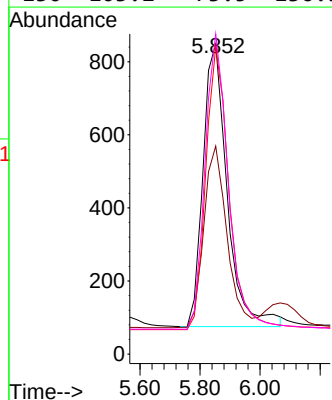
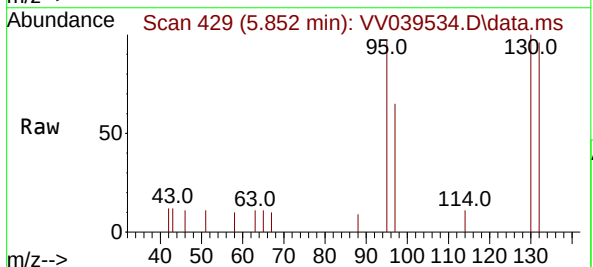
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5343

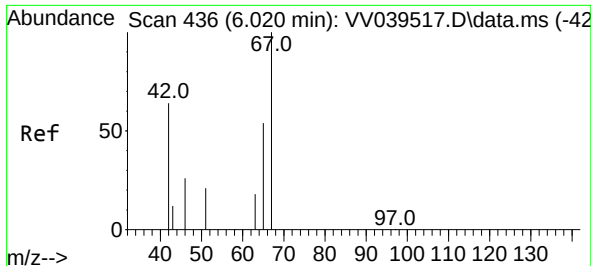
Tgt Ion:	117	Resp:	6362
Ion	Ratio	Lower	Upper
117	100		
82	48.8	39.4	59.2
119	32.9	26.2	39.2



#6
Trichloroethene
Concen: 0.560 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039534.D
Acq: 11 Dec 2025 11:14

Tgt Ion:	95	Resp:	4319
Ion	Ratio	Lower	Upper
95	100		
97	67.0	47.7	88.7
132	99.1	70.8	131.4
130	103.2	73.5	136.5

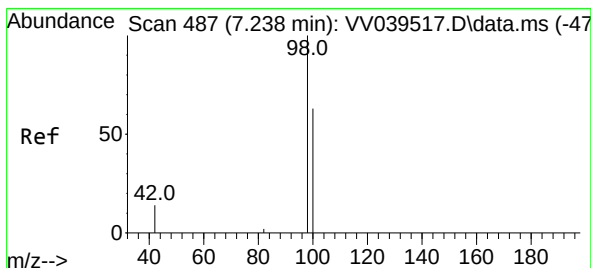
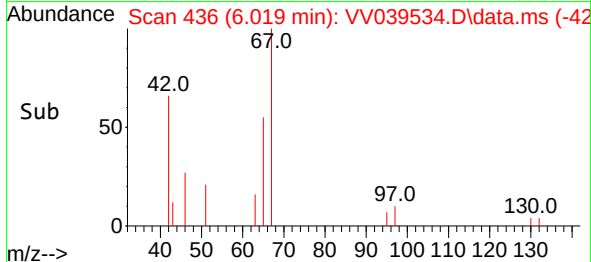
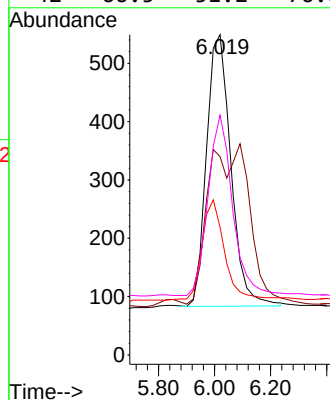
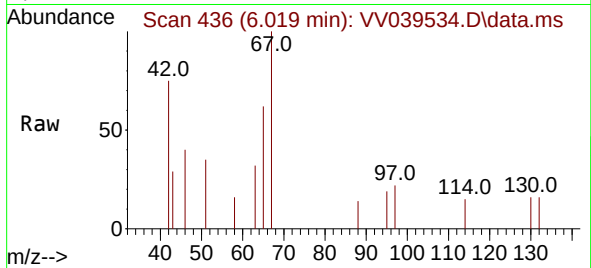




#7
1,2-Dichloropropane-d6
Concen: 0.526 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039534.D
Acq: 11 Dec 2025 11:14

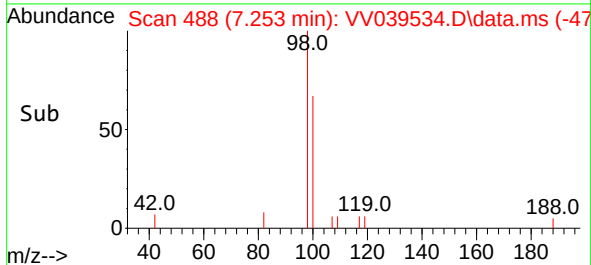
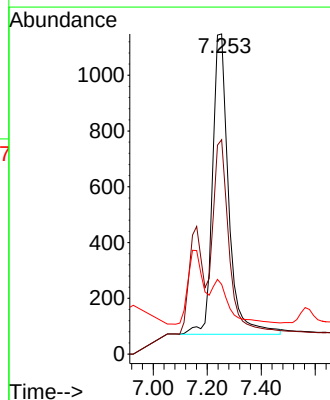
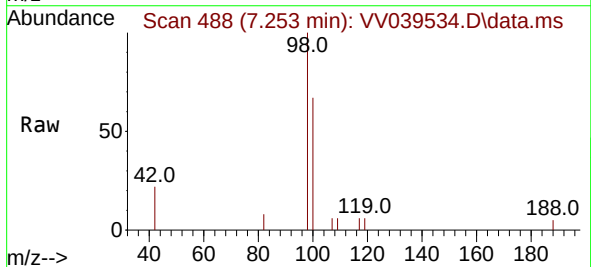
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5343

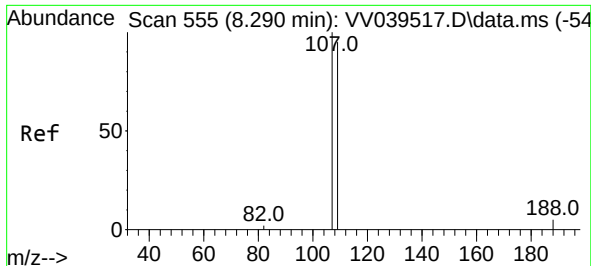
Tgt Ion:	67	Resp:	2821
Ion	Ratio	Lower	Upper
67	100		
65	50.2	37.9	56.9
46	34.0	27.4	41.0
42	66.5	51.2	76.8



#8
Toluene-d8
Concen: 0.495 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039534.D
Acq: 11 Dec 2025 11:14

Tgt Ion:	98	Resp:	4478
Ion	Ratio	Lower	Upper
98	100		
100	63.1	44.5	82.7
42	14.5	10.1	18.7

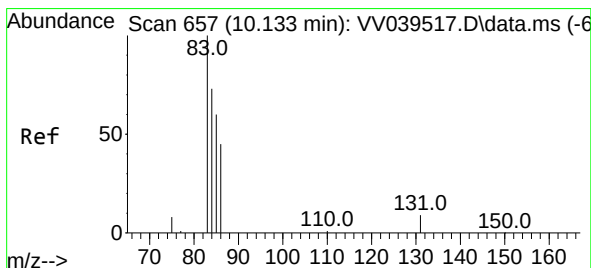
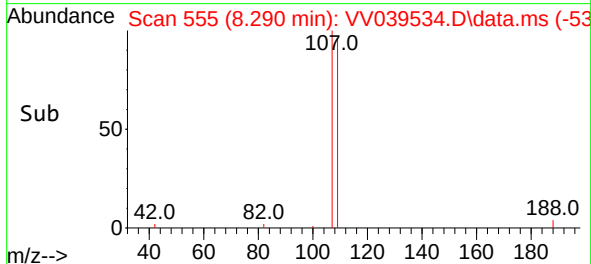
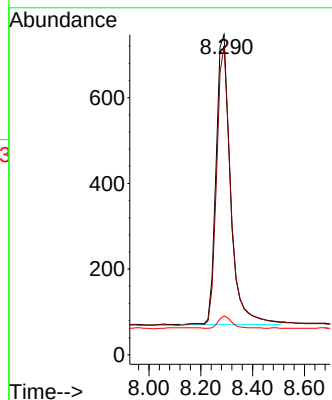
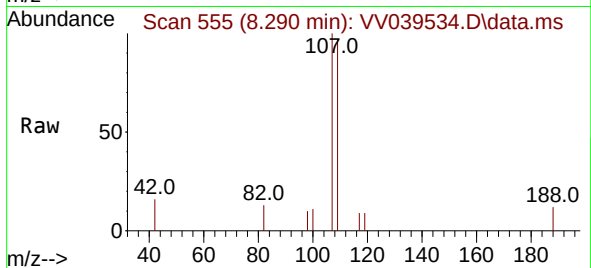




#9
1,2-Dibromoethane
Concen: 0.502 ug/L
RT: 8.290 min Scan# 555
Delta R.T. -0.000 min
Lab File: VV039534.D
Acq: 11 Dec 2025 11:14

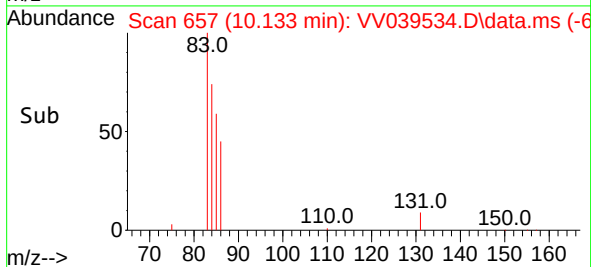
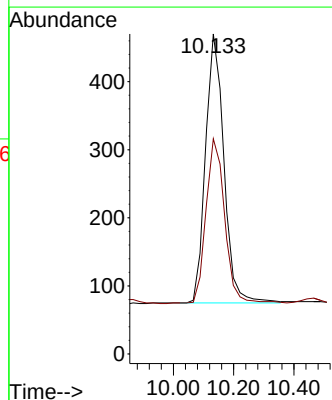
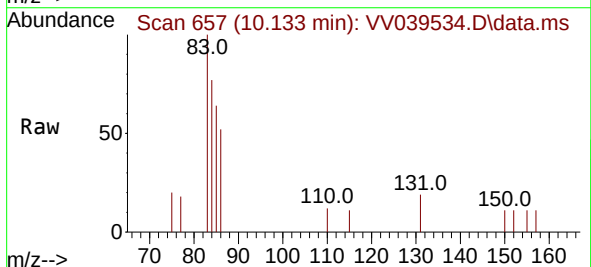
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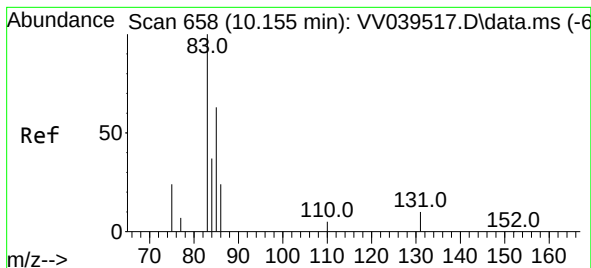
Tgt Ion:107 Resp: 2617
Ion Ratio Lower Upper
107 100
109 96.5 67.4 125.2
188 12.2 9.4 14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.553 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039534.D
Acq: 11 Dec 2025 11:14

Tgt Ion: 84 Resp: 1674
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.5

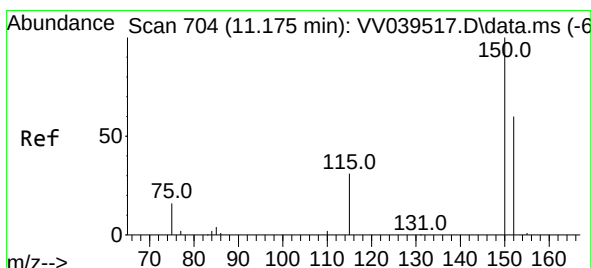
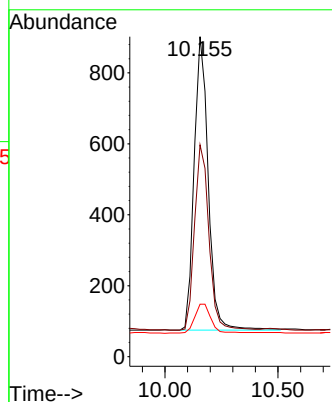
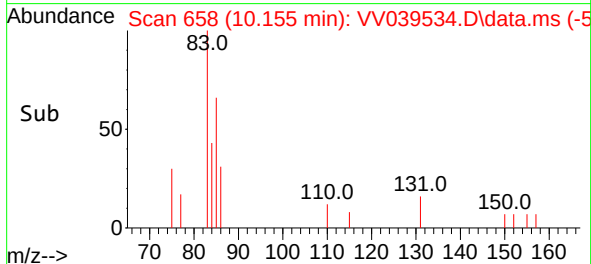
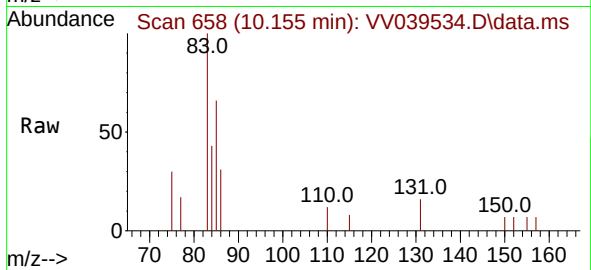




#11
1,1,2,2-Tetrachloroethane
Concen: 0.561 ug/L
RT: 10.155 min Scan# 611
Delta R.T. -0.000 min
Lab File: VV039534.D
Acq: 11 Dec 2025 11:14

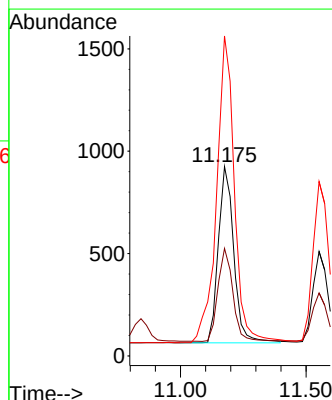
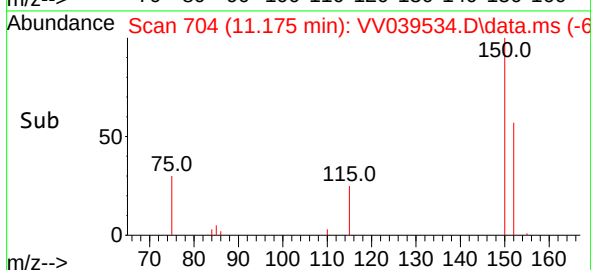
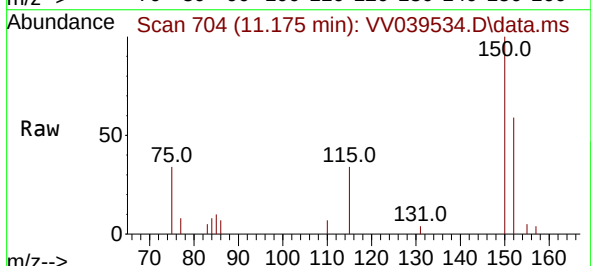
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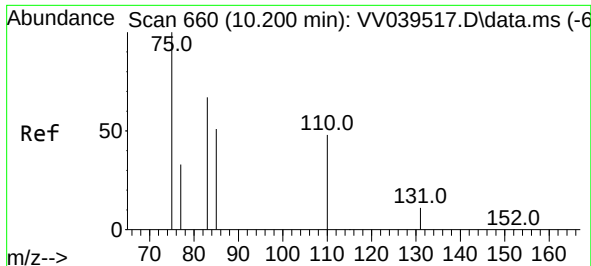
Tgt Ion: 83	Resp:	3581	
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6
131	11.3	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039534.D
Acq: 11 Dec 2025 11:14

Tgt Ion:152	Resp:	3690	
Ion	Ratio	Lower	Upper
152	100		
115	50.5	0.0	101.6
150	199.3	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 0.517 ug/L

RT: 10.199 min Scan# 660

Delta R.T. 0.000 min

Lab File: VV039534.D

Acq: 11 Dec 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5343

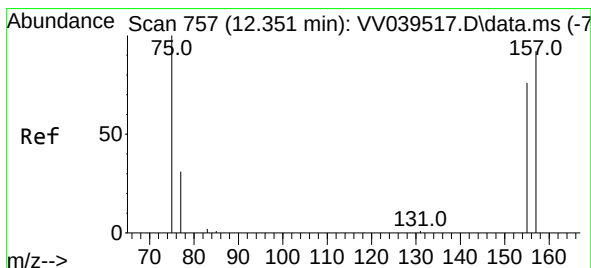
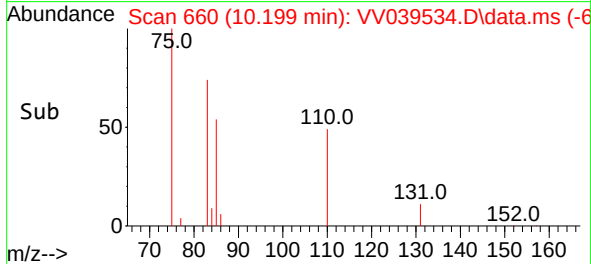
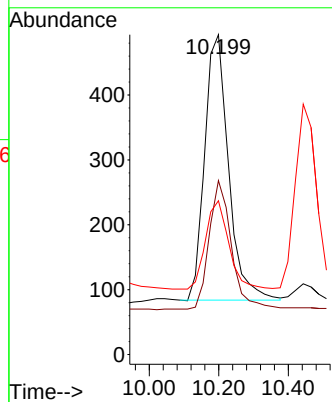
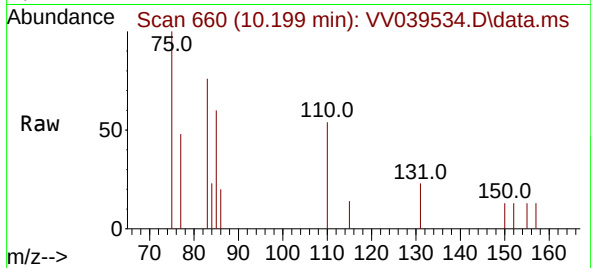
Tgt Ion: 75 Resp: 1951

Ion Ratio Lower Upper

75 100

110 46.2 37.8 56.6

77 32.3 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.525 ug/L

RT: 12.350 min Scan# 757

Delta R.T. -0.001 min

Lab File: VV039534.D

Acq: 11 Dec 2025 11:14

Tgt Ion: 75 Resp: 413

Ion Ratio Lower Upper

75 100

157 83.7 67.8 101.6

155 75.9 61.9 92.9

