

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039497.D
 Acq On : 08 Dec 2025 16:45
 Operator : SY/MD
 Sample : Q3788-06MSD
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-05-135-120525-SIMMSD

Quant Time: Dec 09 01:28:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

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

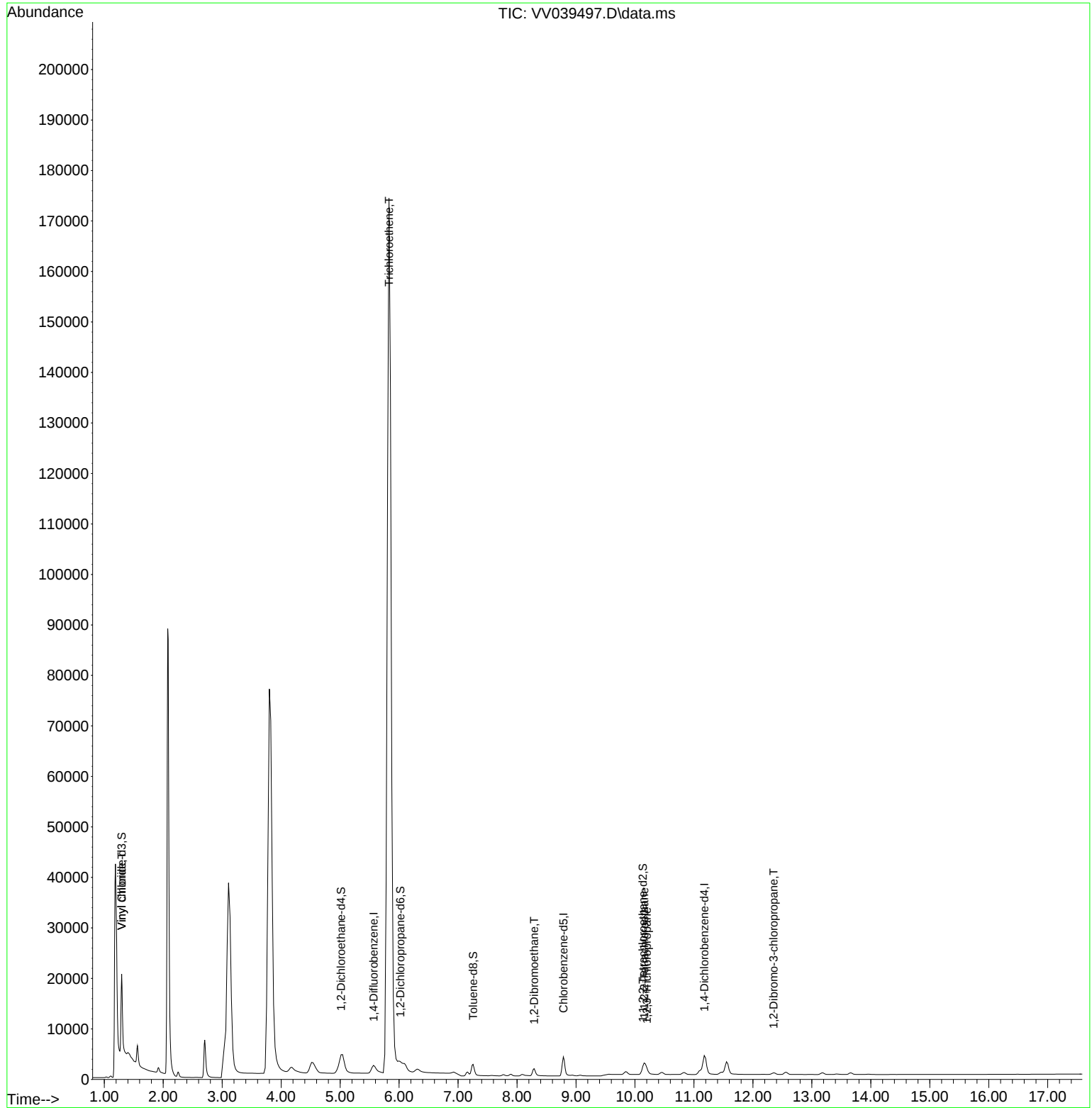
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7167	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7036	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3963	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3522	0.489	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.000%
4) 1,2-Dichloroethane-d4	5.017	65	3883	0.814	ug/L	0.05
Spiked Amount	0.500	Range	70 - 130	Recovery	=	162.000%#
7) 1,2-Dichloropropane-d6	6.020	67	3151	0.531	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	106.000%
8) Toluene-d8	7.254	98	5061	0.505	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1706	0.510	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	17532	1.131	ug/L #	26
6) Trichloroethene	5.829	95	208171	23.871	ug/L	96
9) 1,2-Dibromoethane	8.290	107	2636	0.458	ug/L	100
11) 1,1,2,2-Tetrachloroethane	10.155	83	3589	0.509	ug/L	99
13) 1,2,3-Trichloropropane	10.199	75	2045	0.490	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.351	75	426	0.504	ug/L	88

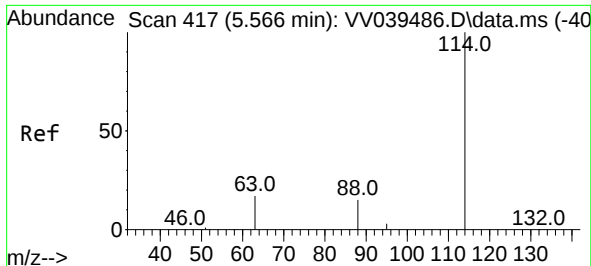
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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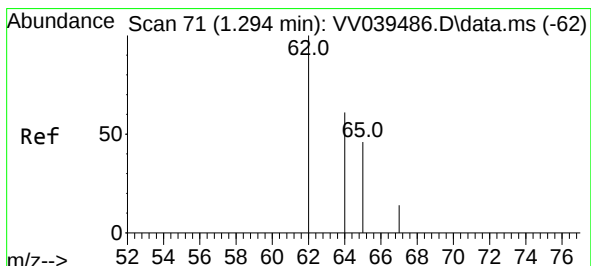
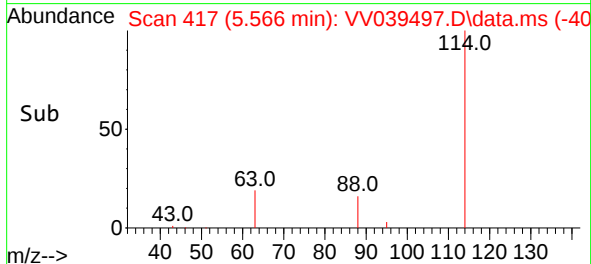
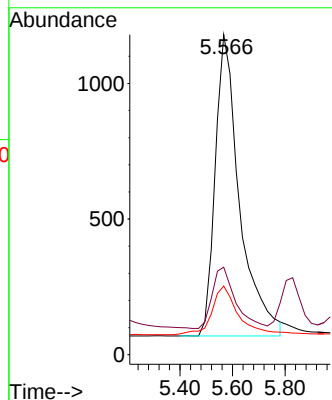
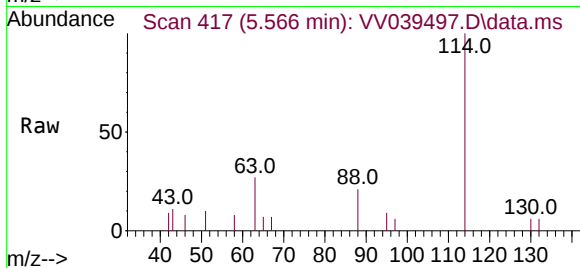




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV039497.D
 Acq: 08 Dec 2025 16:45

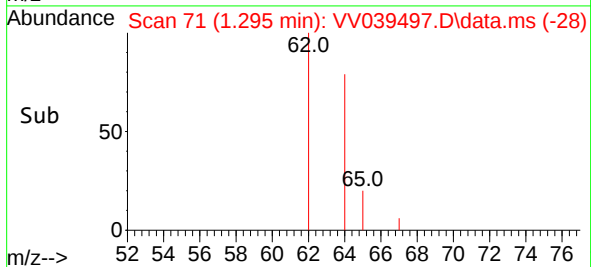
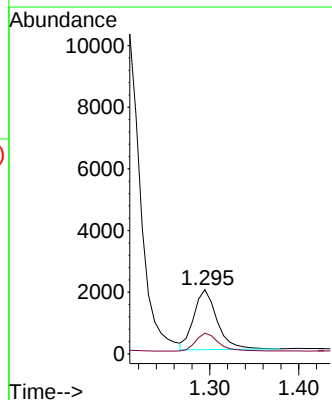
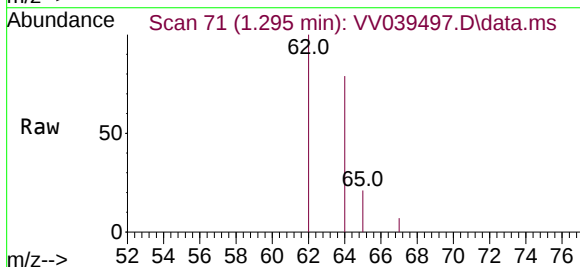
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 MSVOA_V
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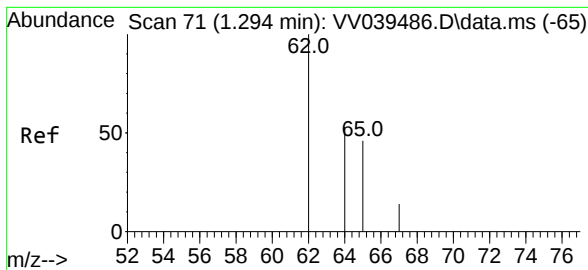
Tgt Ion:	114	Resp:	7167
Ion	Ratio	Lower	Upper
114	100		
63	19.3	15.0	22.4
88	17.1	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.489 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039497.D
 Acq: 08 Dec 2025 16:45

Tgt Ion:	65	Resp:	3522
Ion	Ratio	Lower	Upper
65	100		
67	29.9	22.3	41.5

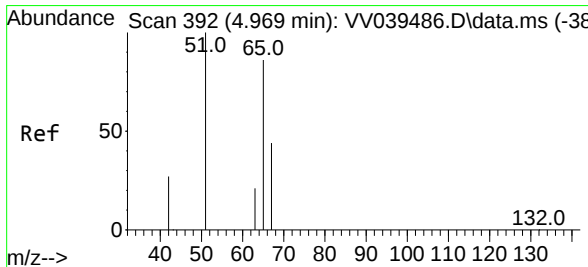
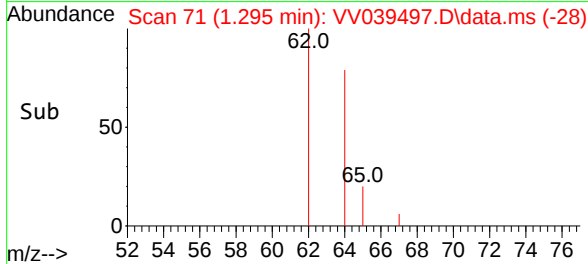
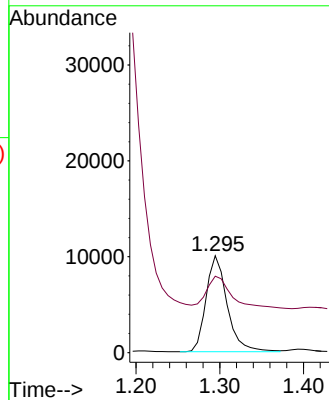
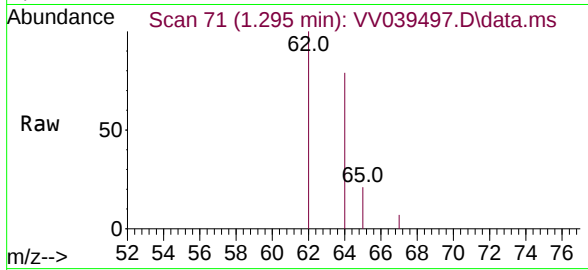




#3
 Vinyl chloride
 Concen: 1.131 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039497.D
 Acq: 08 Dec 2025 16:45

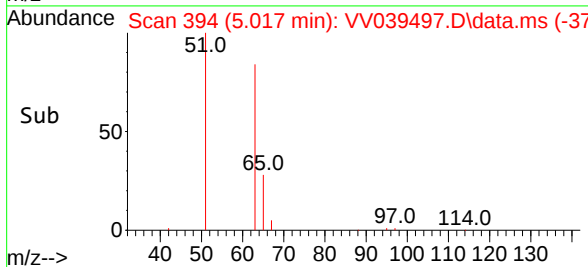
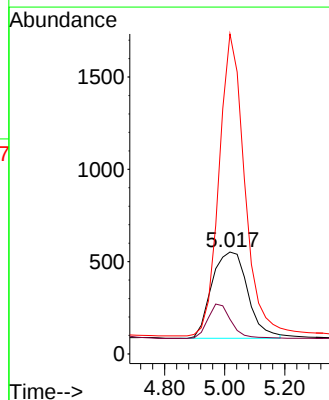
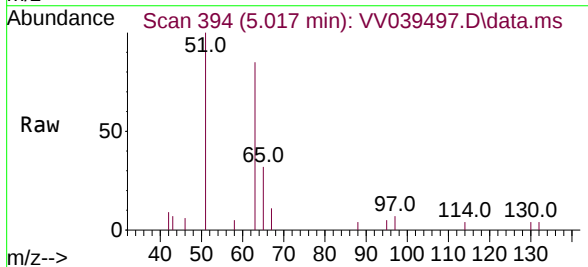
Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-05-135-120525-SIMMSD

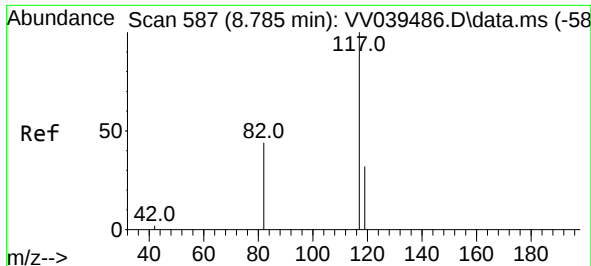
Tgt Ion: 62 Resp: 17532
 Ion Ratio Lower Upper
 62 100
 64 78.8 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.814 ug/L
 RT: 5.017 min Scan# 394
 Delta R.T. 0.048 min
 Lab File: VV039497.D
 Acq: 08 Dec 2025 16:45

Tgt Ion: 65 Resp: 3883
 Ion Ratio Lower Upper
 65 100
 67 25.8 32.5 60.3#
 51 248.8 121.4 225.6#

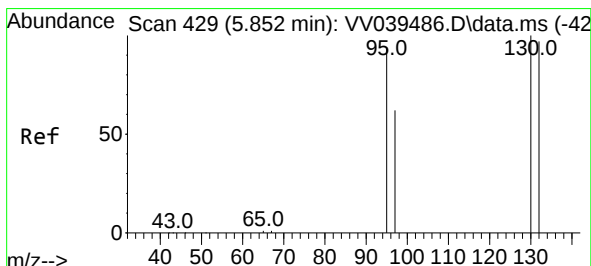
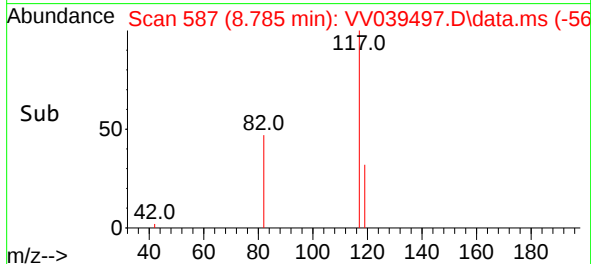
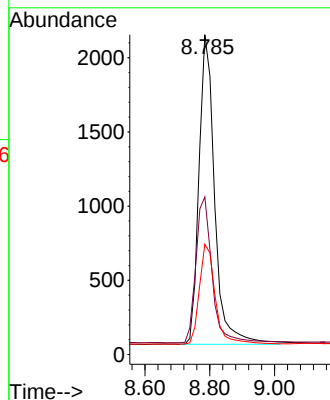
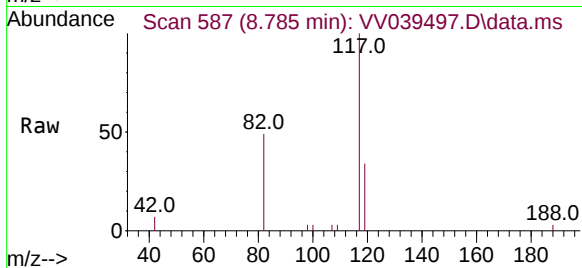




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

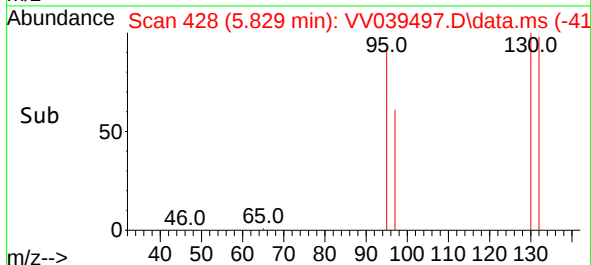
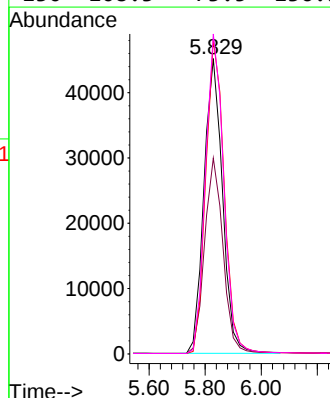
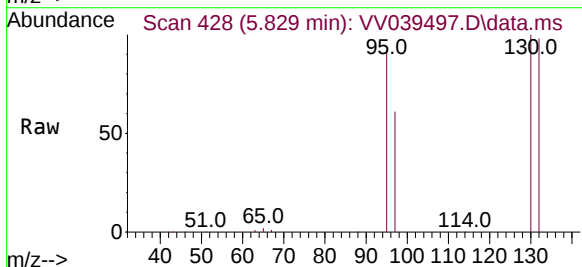
Instrument : MSVOA_V
ClientSampleId : OWBR-05-135-120525-SIMMSD

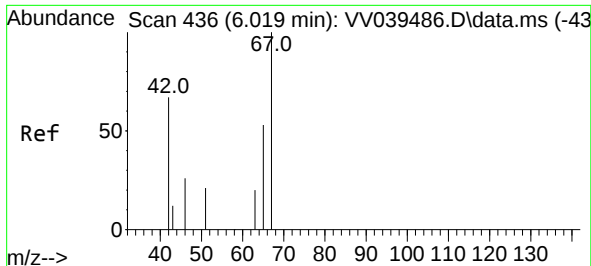
Tgt Ion:	117	Resp:	7036
Ion	Ratio	Lower	Upper
117	100		
82	48.5	39.4	59.2
119	32.7	26.2	39.2



#6
Trichloroethene
Concen: 23.871 ug/L
RT: 5.829 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

Tgt Ion:	95	Resp:	208171
Ion	Ratio	Lower	Upper
95	100		
97	66.3	47.7	88.7
132	106.4	70.8	131.4
130	108.3	73.5	136.5

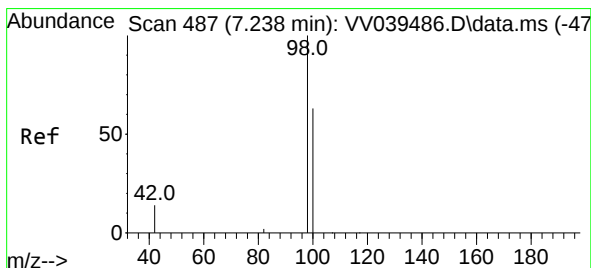
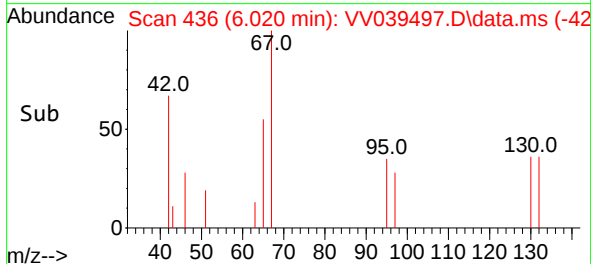
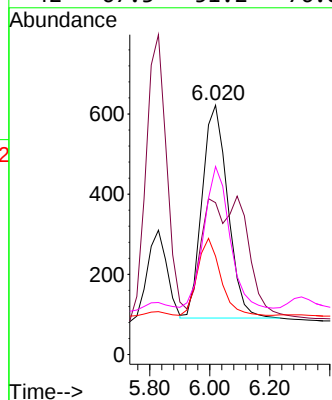
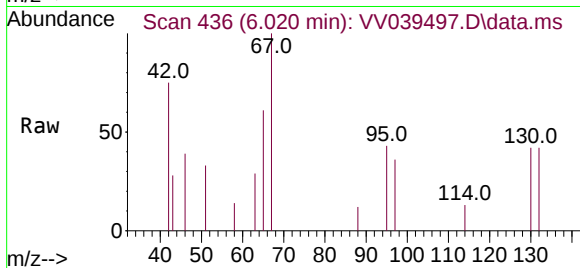




#7
1,2-Dichloropropane-d6
Concen: 0.531 ug/L
RT: 6.020 min Scan# 436
Delta R.T. 0.001 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

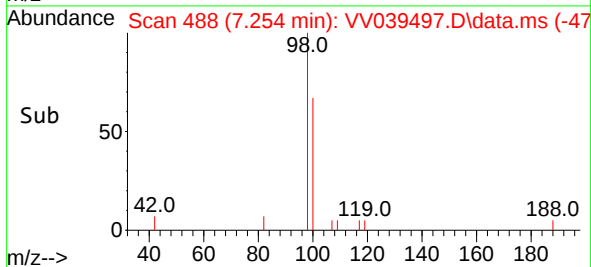
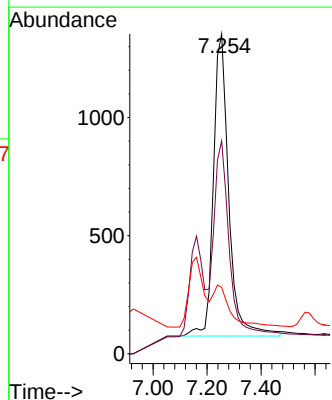
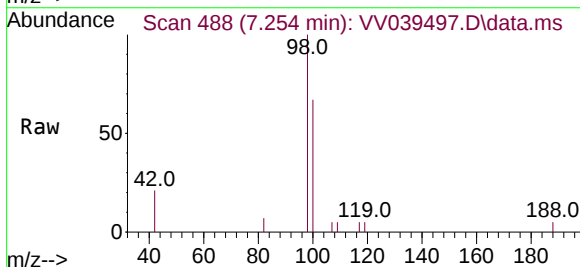
Instrument :
MSVOA_V
ClientSampleId :
OWBR-05-135-120525-SIMMSD

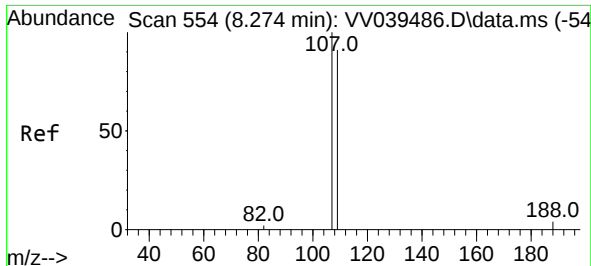
Tgt Ion:	67	Resp:	3151
Ion	Ratio	Lower	Upper
67	100		
65	44.2	37.9	56.9
46	32.7	27.4	41.0
42	67.3	51.2	76.8



#8
Toluene-d8
Concen: 0.505 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

Tgt Ion:	98	Resp:	5061
Ion	Ratio	Lower	Upper
98	100		
100	63.8	44.5	82.7
42	14.7	10.1	18.7

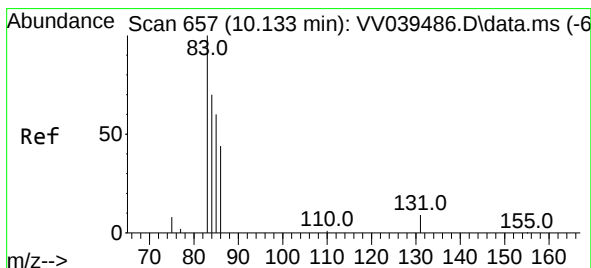
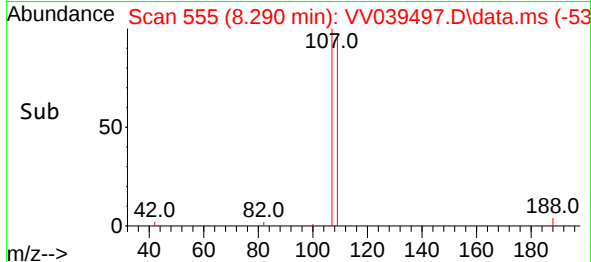
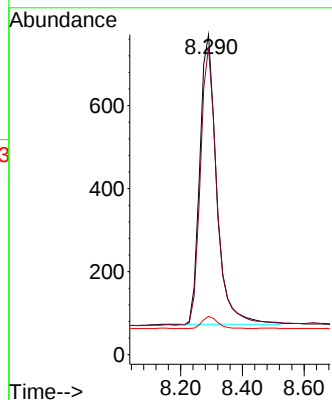
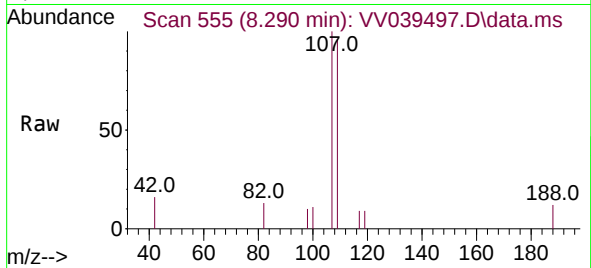




#9
1,2-Dibromoethane
Concen: 0.458 ug/L
RT: 8.290 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

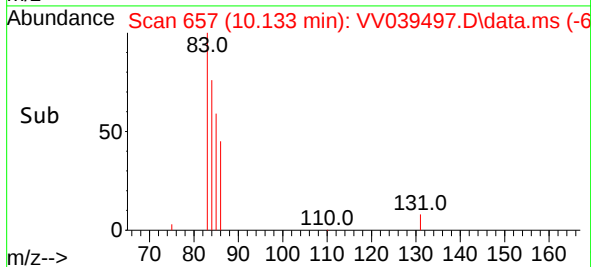
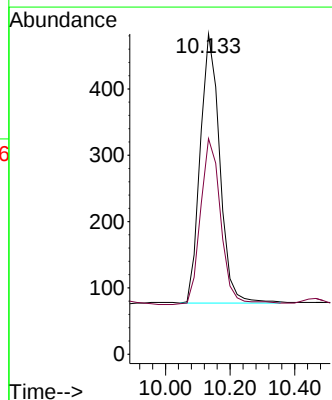
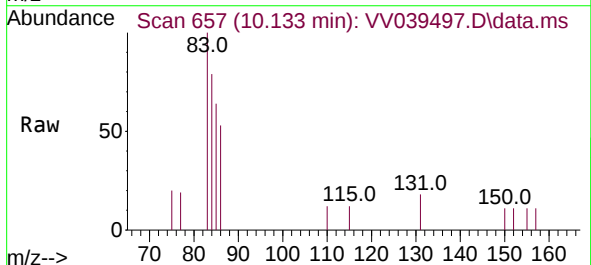
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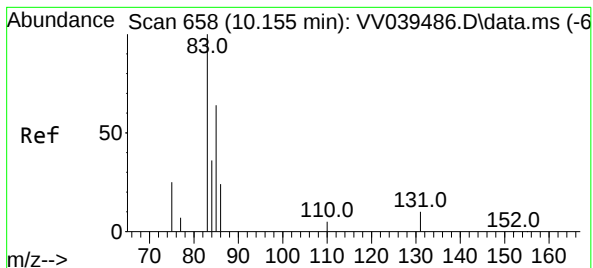
Tgt Ion:107 Resp: 2636
Ion Ratio Lower Upper
107 100
109 96.1 67.4 125.2
188 11.9 9.4 14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.510 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

Tgt Ion: 84 Resp: 1706
Ion Ratio Lower Upper
84 100
86 63.8 44.4 82.5

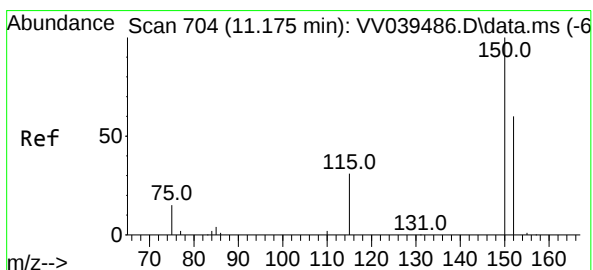
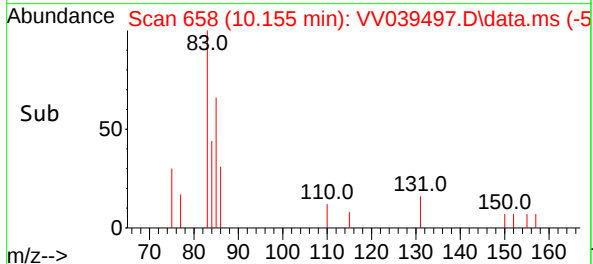
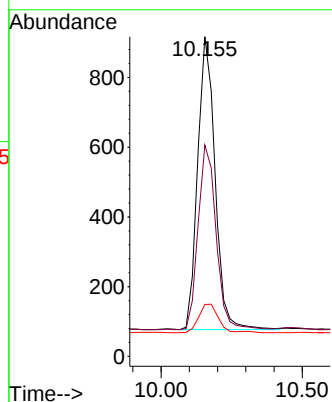
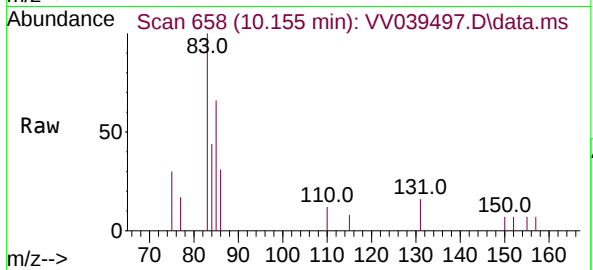




#11
1,1,2,2-Tetrachloroethane
Concen: 0.509 ug/L
RT: 10.155 min Scan# 611
Delta R.T. 0.000 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

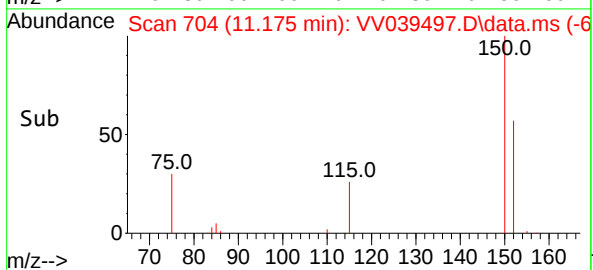
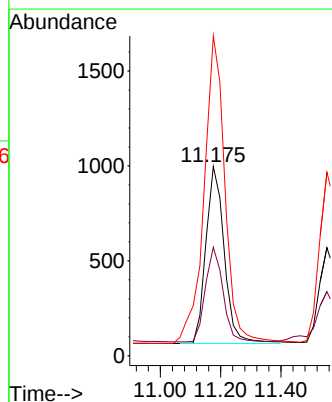
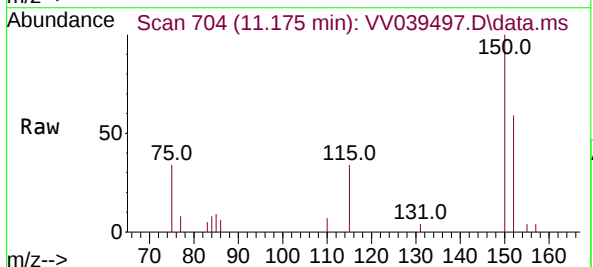
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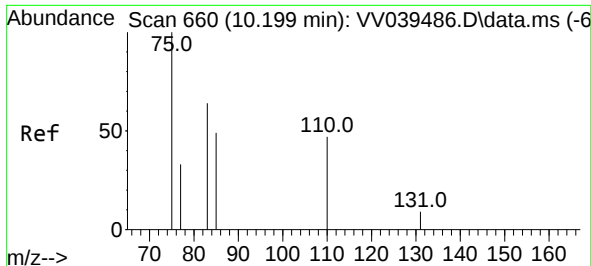
Tgt Ion: 83	Resp:	3589	
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.0	76.6
131	10.8	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

Tgt Ion:152	Resp:	3963	
Ion	Ratio	Lower	Upper
152	100		
115	51.3	0.0	101.6
150	197.9	0.0	396.2

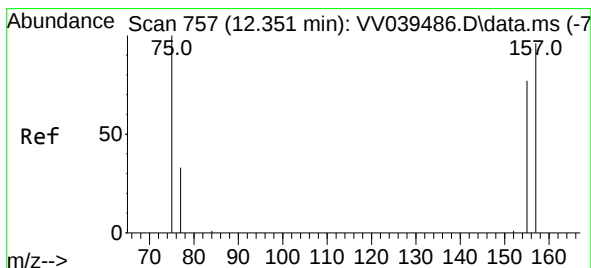
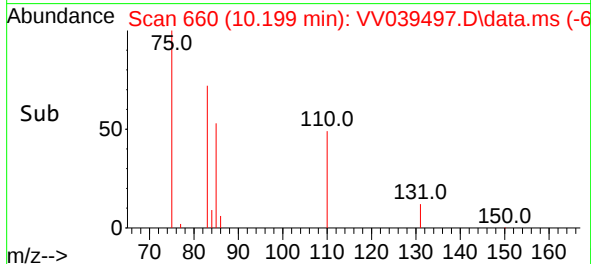
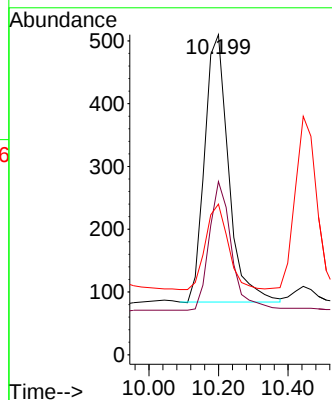
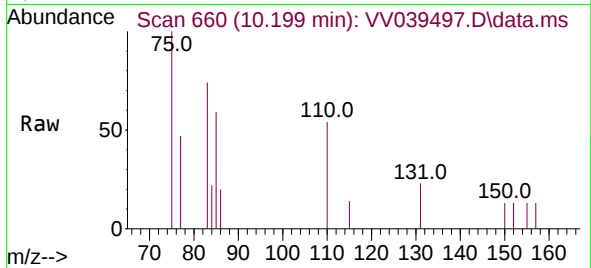




#13
1,2,3-Trichloropropane
Concen: 0.490 ug/L
RT: 10.199 min Scan# 660
Delta R.T. 0.000 min
Lab File: VV039497.D
Acq: 08 Dec 2025 16:45

Instrument :
MSVOA_V
ClientSampleId :
OWBR-05-135-120525-SIMMSD

Tgt Ion: 75	Resp: 2045
Ion Ratio	Lower Upper
75 100	
110 44.9	37.8 56.6
77 30.1	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: VV039497.D
Acq: 08 Dec 2025 16:45

Tgt Ion: 75	Resp:	426	
Ion Ratio	Lower	Upper	
75 100			
157 98.3	67.8	101.6	
155 85.8	61.9	92.9	

