

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039496.D
 Acq On : 08 Dec 2025 16:24
 Operator : SY/MD
 Sample : Q3788-05MS
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 09 01:28:37 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)

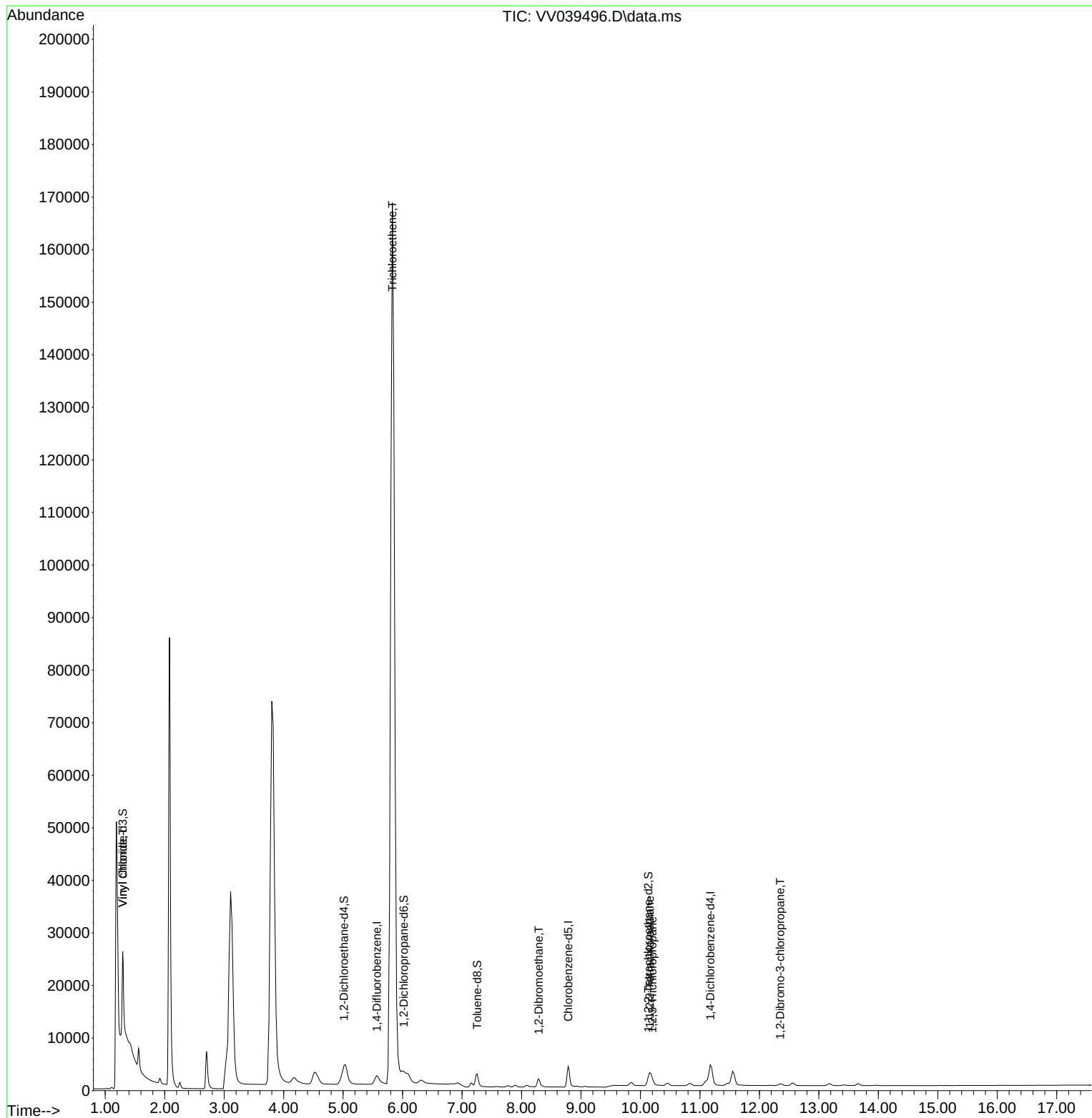
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7409	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.784	117	7334	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4127	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3975	0.534	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 106.000%	
4) 1,2-Dichloroethane-d4	5.017	65	3997	0.810	ug/L	0.05
Spiked Amount	0.500	Range	70 - 130	Recovery	= 162.000%#	
7) 1,2-Dichloropropane-d6	6.019	67	3475	0.562	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 112.000%	
8) Toluene-d8	7.253	98	5556	0.532	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 106.000%	
10) 1,1,2,2-Tetrachloroeth...	10.132	84	1891	0.542	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 108.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	17638	1.100	ug/L	# 1
6) Trichloroethene	5.828	95	200661	22.075	ug/L	96
9) 1,2-Dibromoethane	8.289	107	2875	0.479	ug/L	99
11) 1,1,2,2-Tetrachloroethane	10.154	83	3888	0.528	ug/L	100
13) 1,2,3-Trichloropropane	10.199	75	2192	0.505	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.350	75	426	0.484	ug/L	87

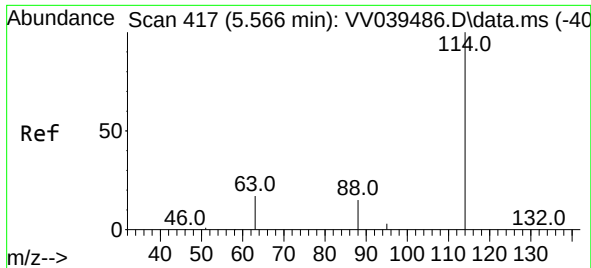
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
Data File : VV039496.D
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Sample : Q3788-05MS
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 09 01:28:37 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

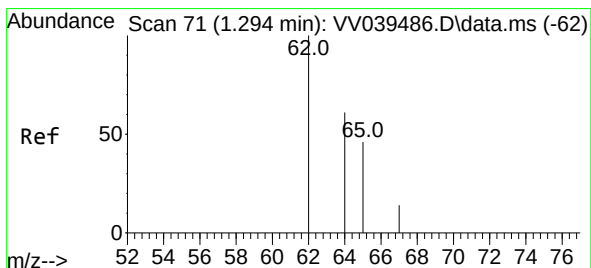
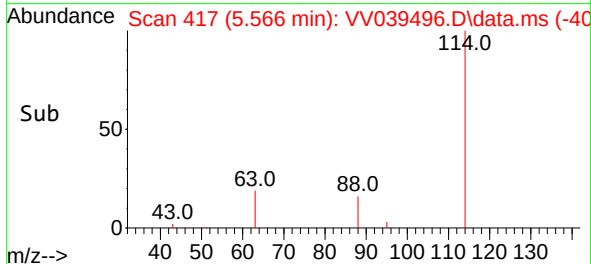
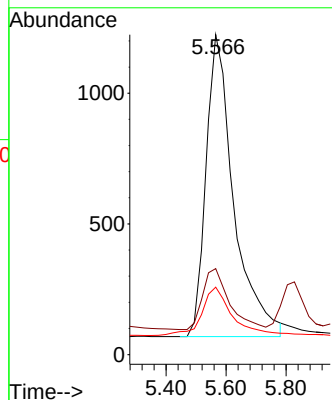
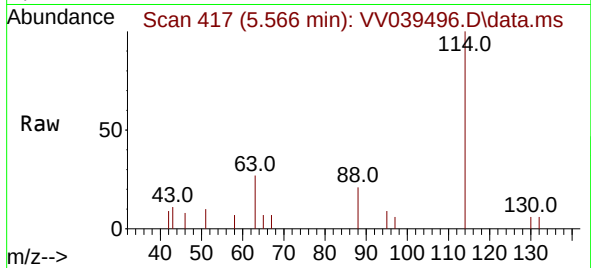




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

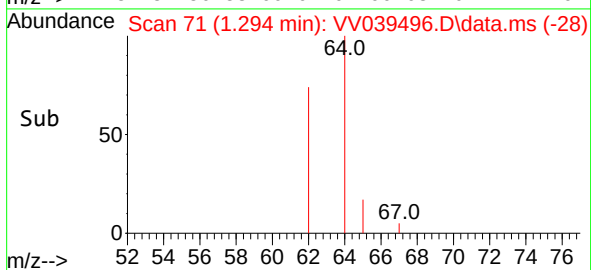
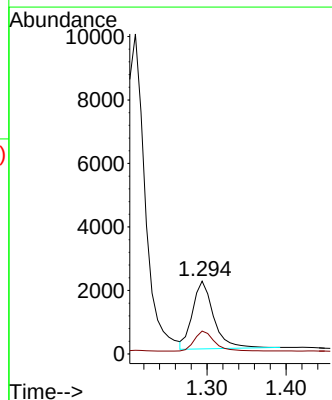
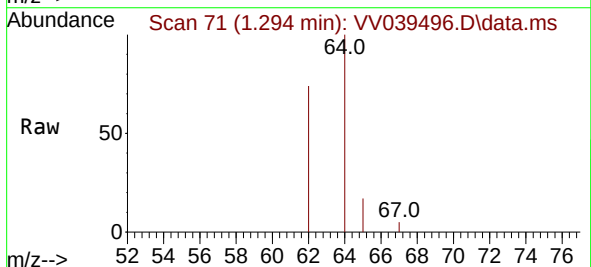
Instrument :
MSVOA_V
ClientSampleId :
OWBR-05-135-120525-SIMMS

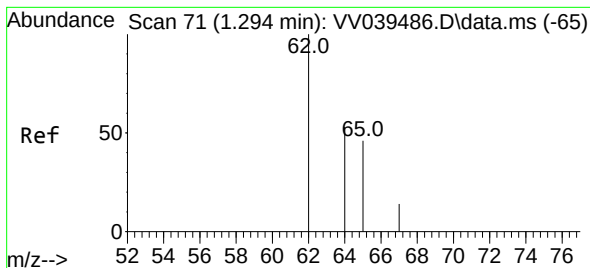
Tgt Ion:	114	Resp:	7409
Ion	Ratio	Lower	Upper
114	100		
63	19.3	15.0	22.4
88	17.3	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.534 ug/L
RT: 1.294 min Scan# 71
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

Tgt Ion:	65	Resp:	3975
Ion	Ratio	Lower	Upper
65	100		
67	29.0	22.3	41.5





#3

Vinyl chloride

Concen: 1.100 ug/L

RT: 1.294 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV039496.D

Acq: 08 Dec 2025 16:24

Instrument :

MSVOA_V

ClientSampleId :

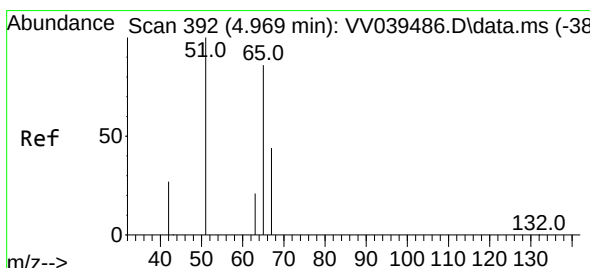
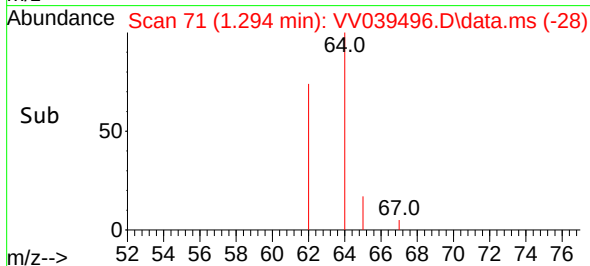
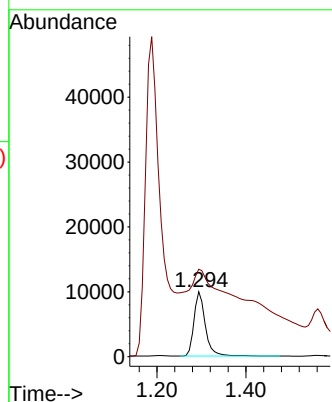
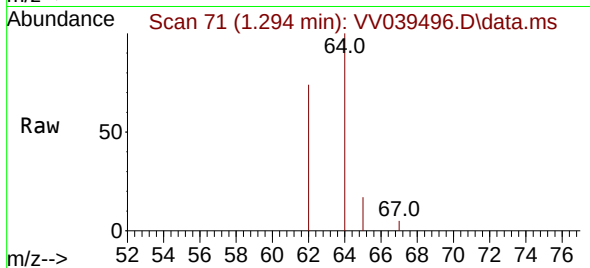
OWBR-05-135-120525-SIMMS

Tgt Ion: 62 Resp: 17638

Ion Ratio Lower Upper

62 100

64 134.3 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.810 ug/L

RT: 5.017 min Scan# 394

Delta R.T. 0.048 min

Lab File: VV039496.D

Acq: 08 Dec 2025 16:24

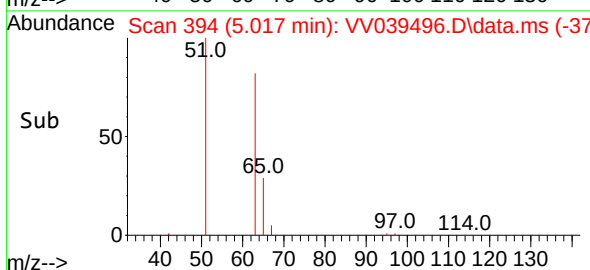
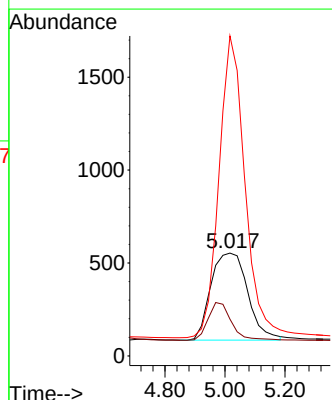
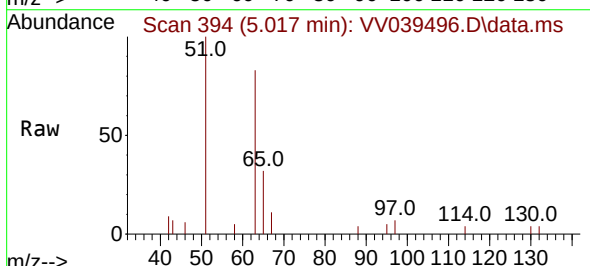
Tgt Ion: 65 Resp: 3997

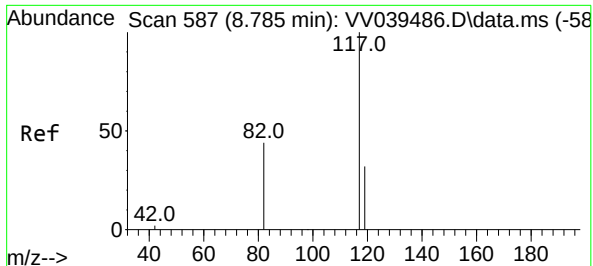
Ion Ratio Lower Upper

65 100

67 27.5 32.5 60.3#

51 243.6 121.4 225.6#

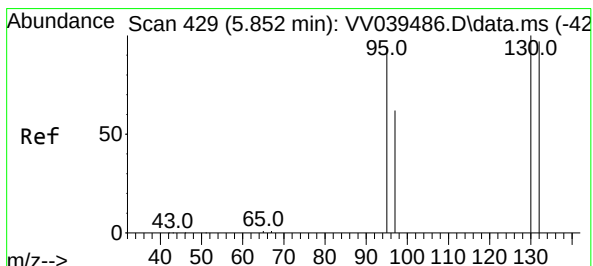
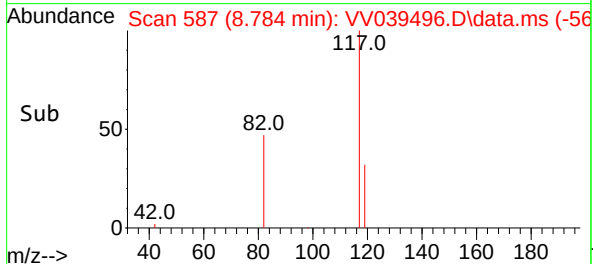
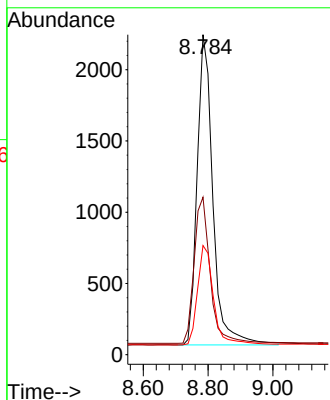
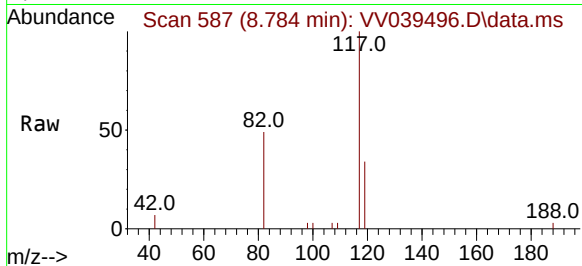




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.784 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

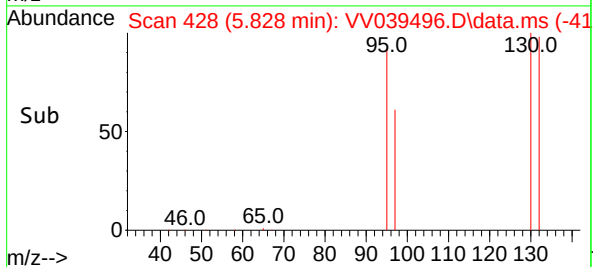
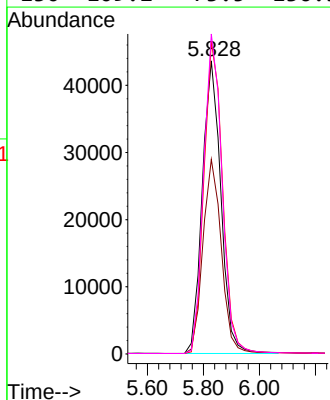
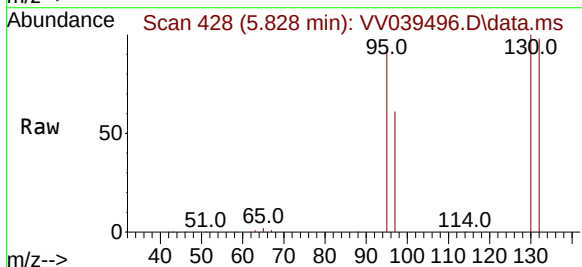
Instrument :
MSVOA_V
ClientSampleId :
OWBR-05-135-120525-SIMMS

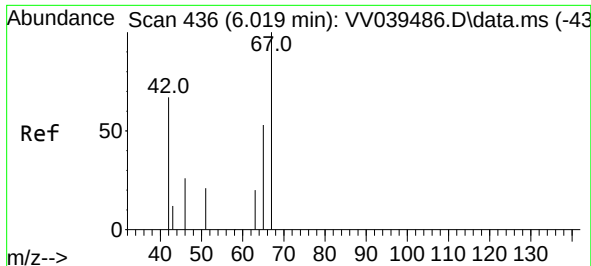
Tgt Ion:	117	Resp:	7334
Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.4	59.2
119	32.8	26.2	39.2



#6
Trichloroethene
Concen: 22.075 ug/L
RT: 5.828 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

Tgt Ion:	95	Resp:	200661
Ion	Ratio	Lower	Upper
95	100		
97	66.4	47.7	88.7
132	106.7	70.8	131.4
130	109.2	73.5	136.5

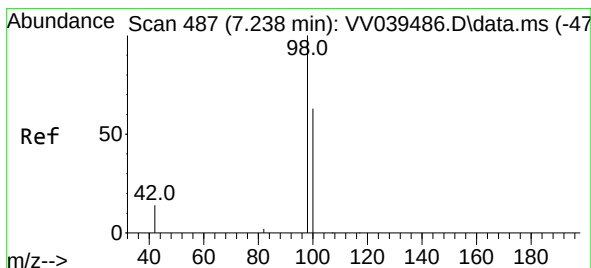
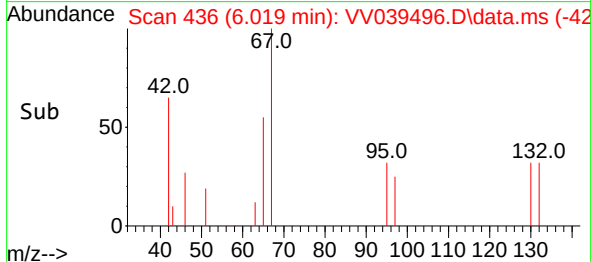
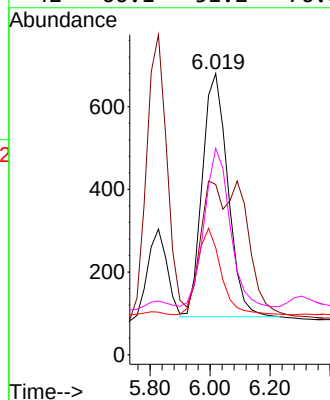
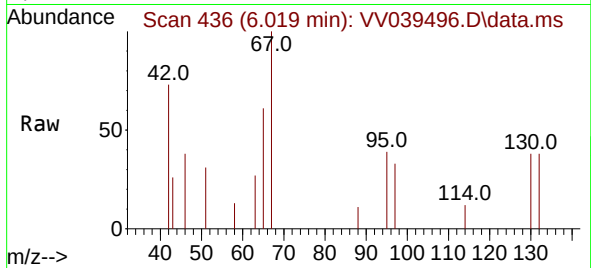




#7
1,2-Dichloropropane-d6
Concen: 0.562 ug/L
RT: 6.019 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

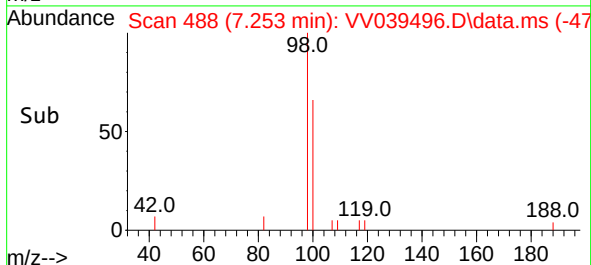
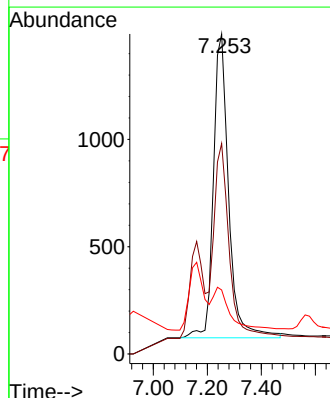
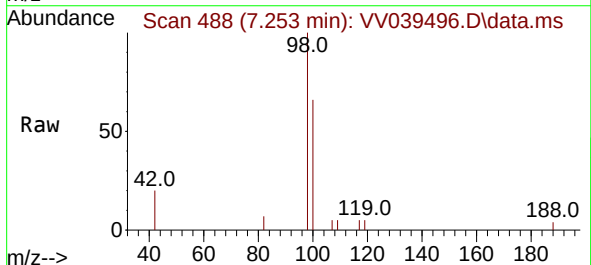
Instrument :
MSVOA_V
ClientSampleId :
OWBR-05-135-120525-SIMMS

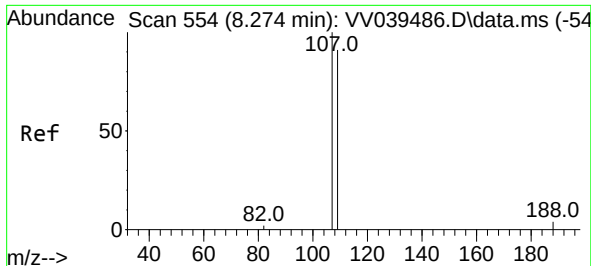
Tgt Ion:	67	Resp:	3475
Ion	Ratio	Lower	Upper
67	100		
65	44.5	37.9	56.9
46	32.7	27.4	41.0
42	66.1	51.2	76.8



#8
Toluene-d8
Concen: 0.532 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

Tgt Ion:	98	Resp:	5556
Ion	Ratio	Lower	Upper
98	100		
100	63.6	44.5	82.7
42	14.7	10.1	18.7

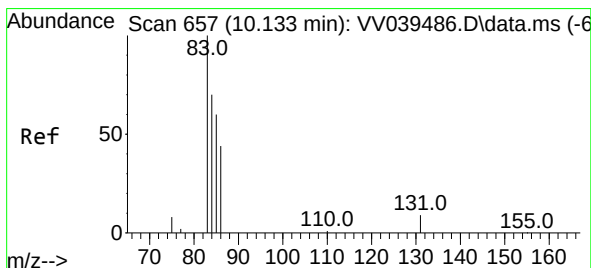
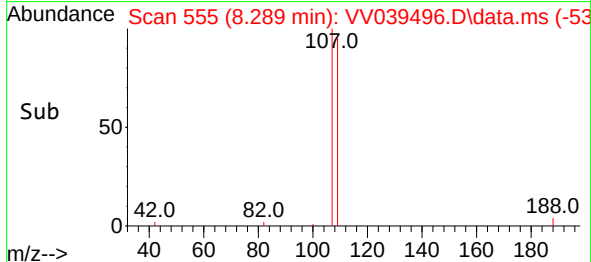
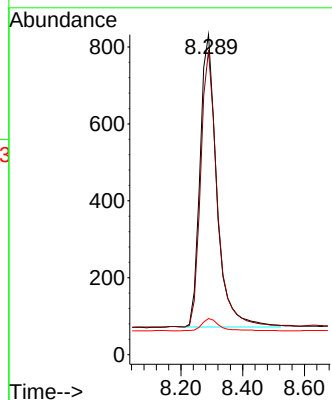
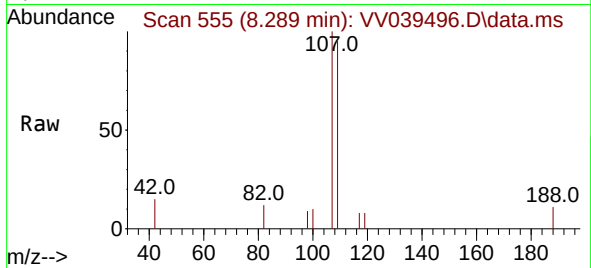




#9
1,2-Dibromoethane
Concen: 0.479 ug/L
RT: 8.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

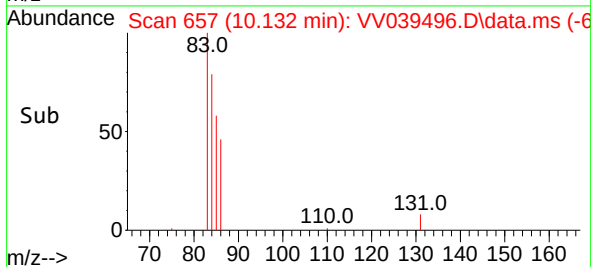
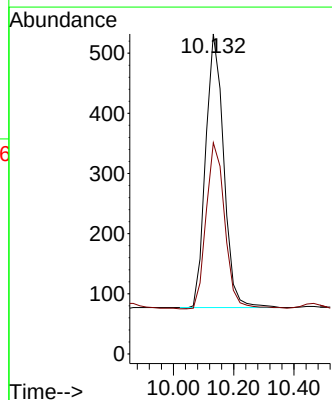
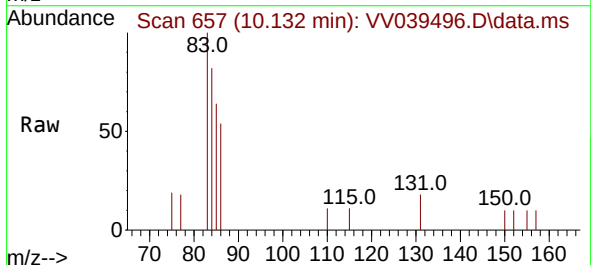
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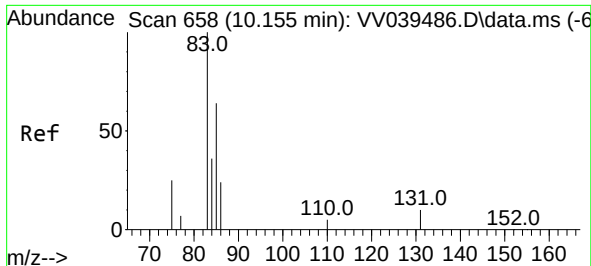
Tgt Ion:107 Resp: 2875
Ion Ratio Lower Upper
107 100
109 95.1 67.4 125.2
188 11.3 9.4 14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.542 ug/L
RT: 10.132 min Scan# 657
Delta R.T. -0.001 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

Tgt Ion: 84 Resp: 1891
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.5

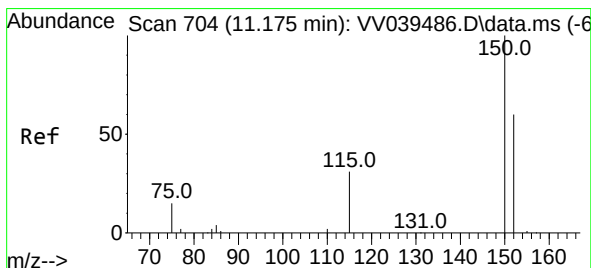
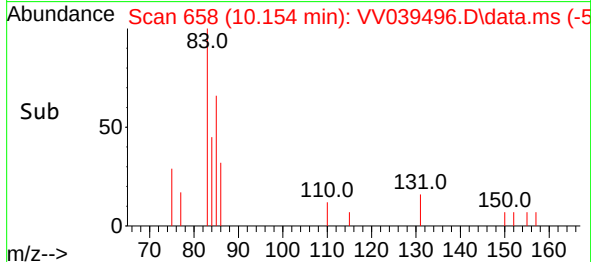
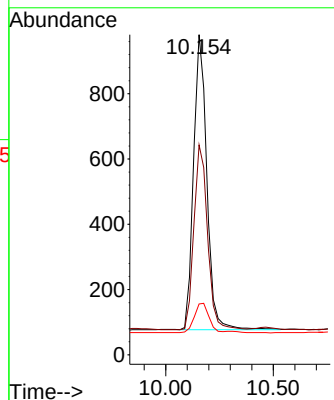
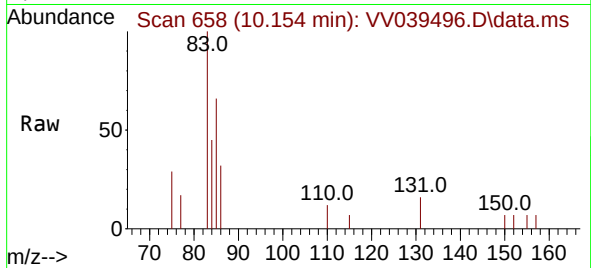




#11
1,1,2,2-Tetrachloroethane
Concen: 0.528 ug/L
RT: 10.154 min Scan# 611
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

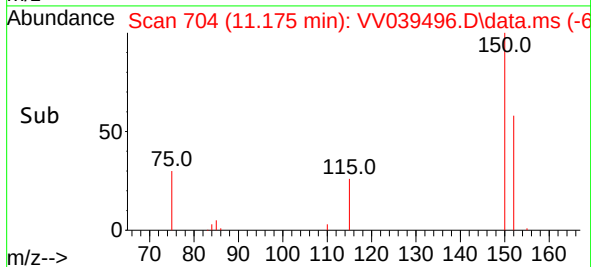
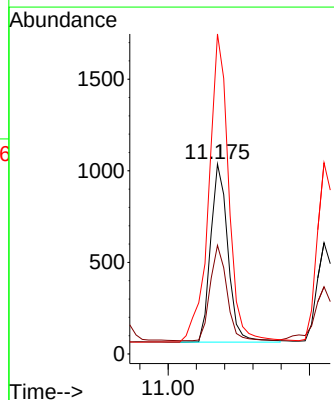
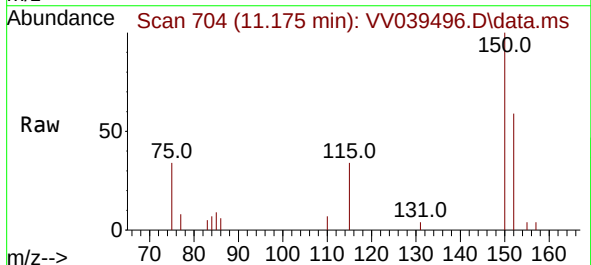
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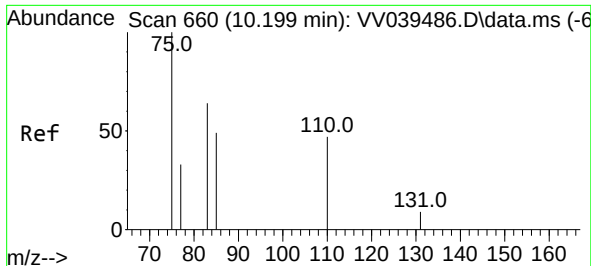
Tgt Ion: 83	Resp:	3888	
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.0	76.6
131	10.9	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

Tgt Ion:152	Resp:	4127	
Ion	Ratio	Lower	Upper
152	100		
115	51.5	0.0	101.6
150	198.3	0.0	396.2

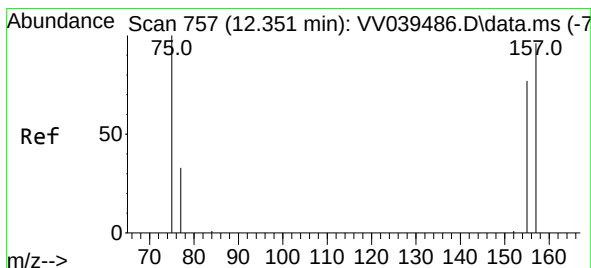
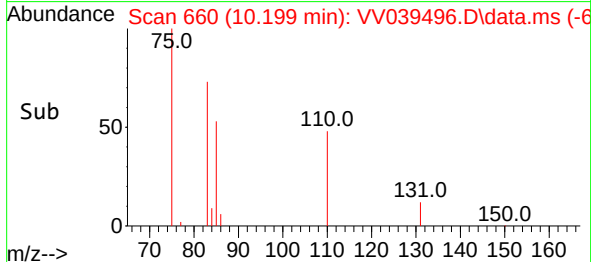
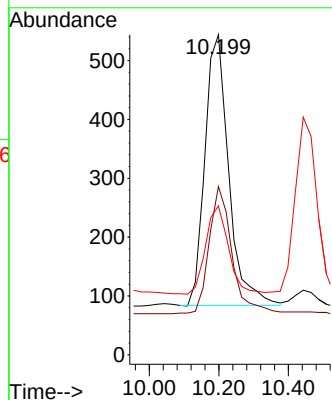
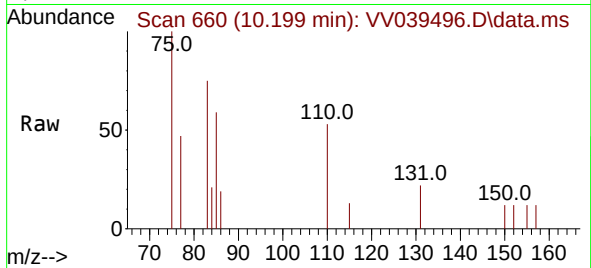




#13
1,2,3-Trichloropropane
Concen: 0.505 ug/L
RT: 10.199 min Scan# 660
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:	75	Resp:	2192
Ion	Ratio	Lower	Upper
75	100		
110	45.0	37.8	56.6
77	30.7	25.6	38.4



#14
1,2-Dibromo-3-chloropropane
Concen: 0.484 ug/L
RT: 12.350 min Scan# 757
Delta R.T. -0.000 min
Lab File: VV039496.D
Acq: 08 Dec 2025 16:24

Tgt Ion:	75	Resp:	426
Ion	Ratio	Lower	Upper
75	100		
157	99.4	67.8	101.6
155	86.1	61.9	92.9

