

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039498.D
 Acq On : 08 Dec 2025 17:06
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK233

Quant Time: Dec 09 01:29:01 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)

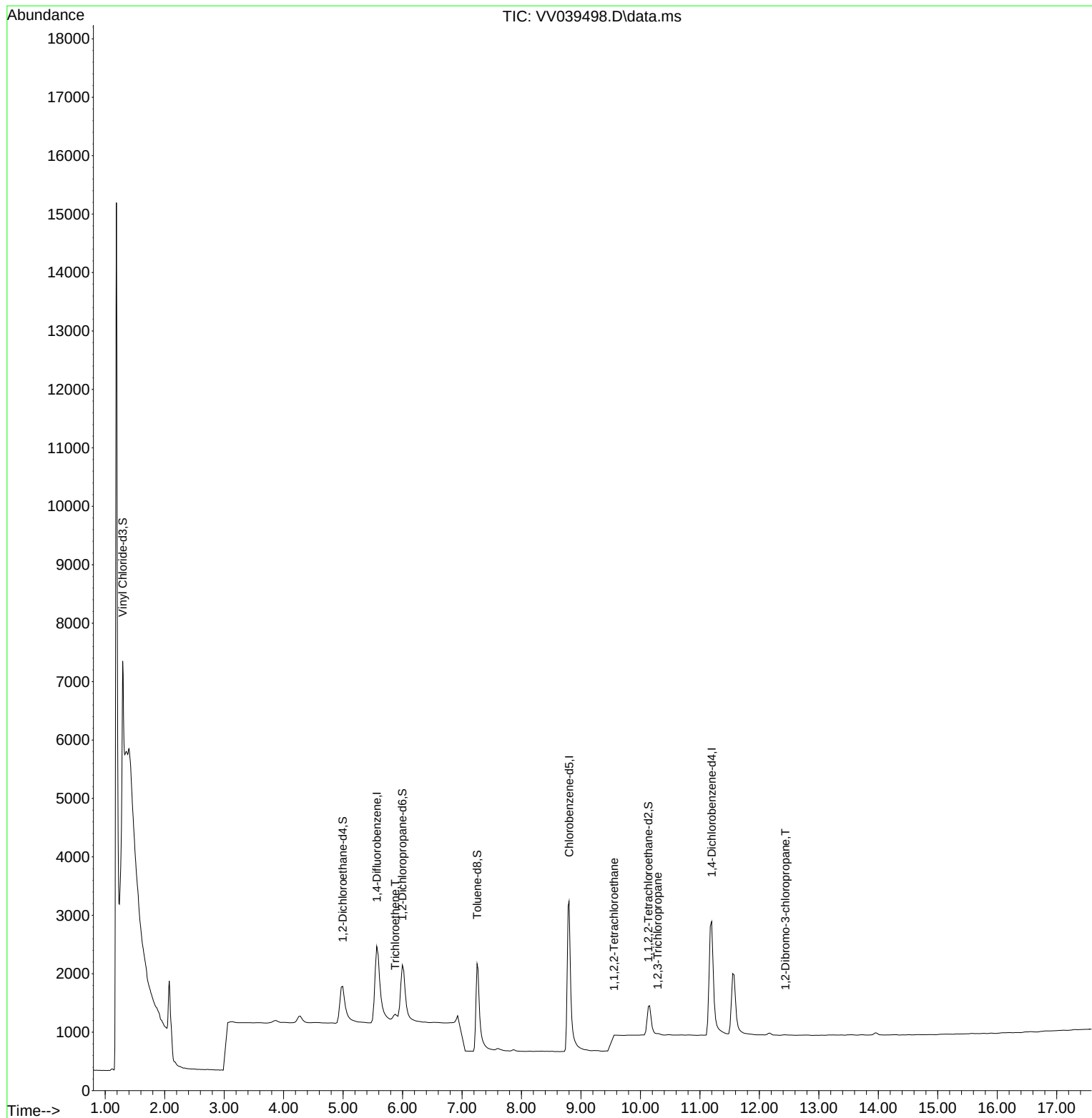
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5960	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6019	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3025	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3521	0.587	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	118.000%
4) 1,2-Dichloroethane-d4	4.993	65	1827	0.460	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.995	67	2146	0.423	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.253	98	3972	0.464	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1506	0.526	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
6) Trichloroethene	5.876	95	179	0.024	ug/L #	87
11) 1,1,2,2-Tetrachloroethane	9.556	83	917	0.152	ug/L #	23
13) 1,2,3-Trichloropropane	10.288	75	48	0.015	ug/L #	80
14) 1,2-Dibromo-3-chloropr...	12.439	75	16	0.025	ug/L	96

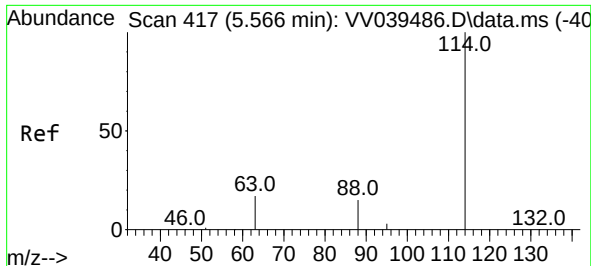
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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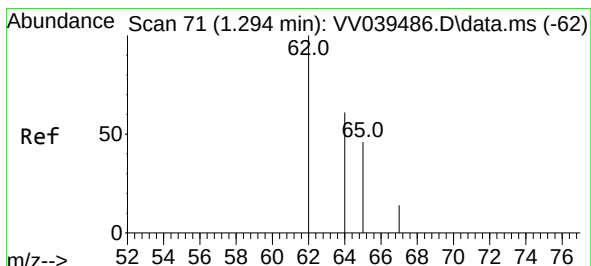
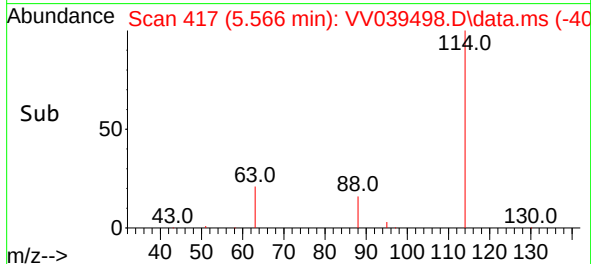
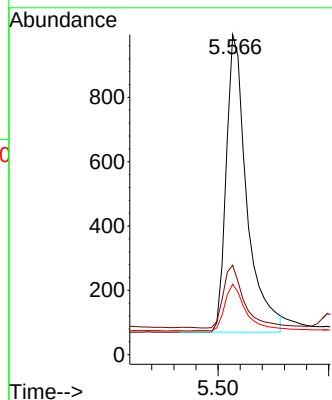
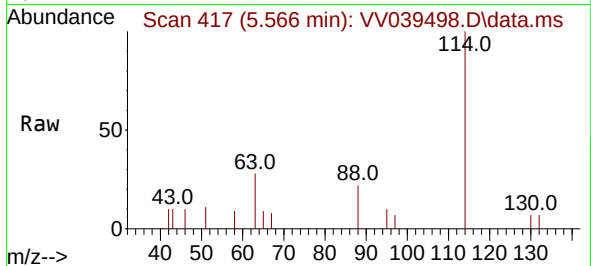




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039498.D
 Acq: 08 Dec 2025 17:06

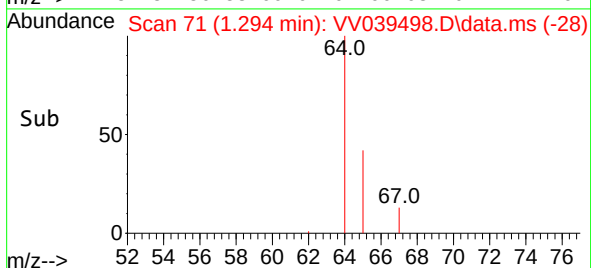
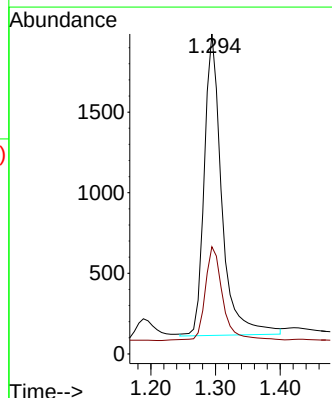
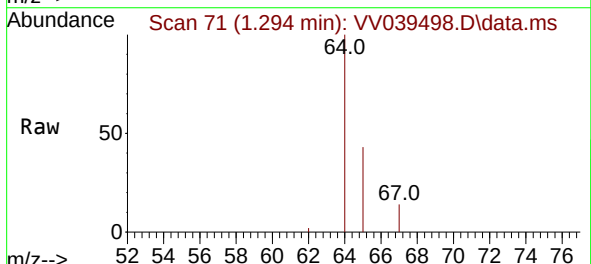
Instrument :
 MSVOA_V
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 VIBLK233

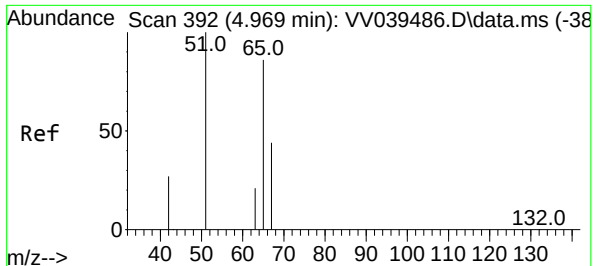
Tgt Ion:114	Resp:	5960
Ion	Ratio	Lower Upper
114	100	
63	21.1	15.0 22.4
88	15.9	12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 0.587 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039498.D
 Acq: 08 Dec 2025 17:06

Tgt Ion: 65	Resp:	3521
Ion	Ratio	Lower Upper
65	100	
67	31.5	22.3 41.5

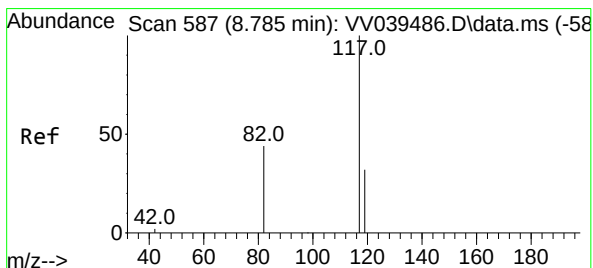
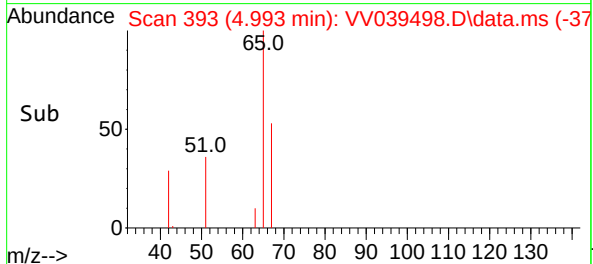
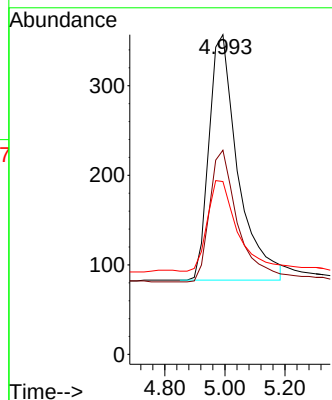
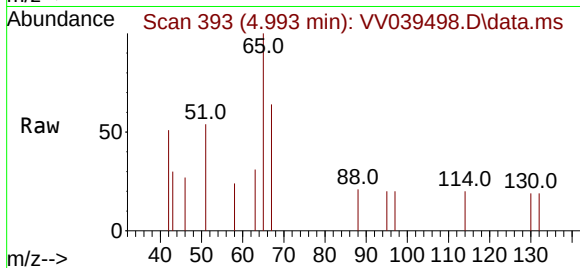




#4
1,2-Dichloroethane-d4
Concen: 0.460 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039498.D
Acq: 08 Dec 2025 17:06

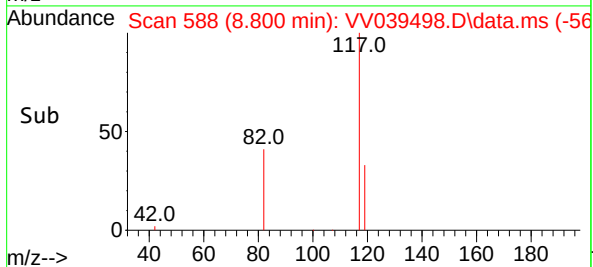
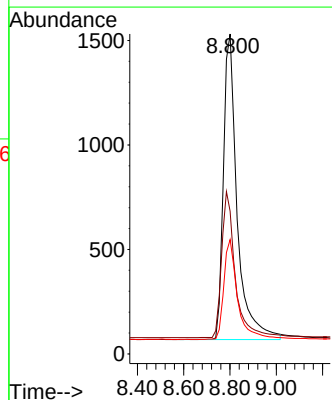
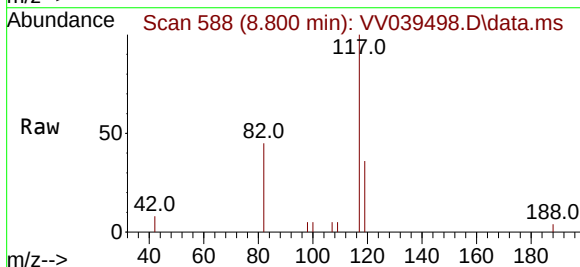
Instrument :
MSVOA_V
ClientSampleId :
VIBLK233

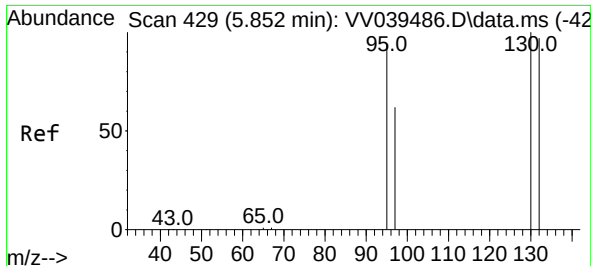
Tgt Ion: 65 Resp: 1827
Ion Ratio Lower Upper
65 100
67 53.0 32.5 60.3
51 38.5 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039498.D
Acq: 08 Dec 2025 17:06

Tgt Ion: 117 Resp: 6019
Ion Ratio Lower Upper
117 100
82 47.6 39.4 59.2
119 32.8 26.2 39.2



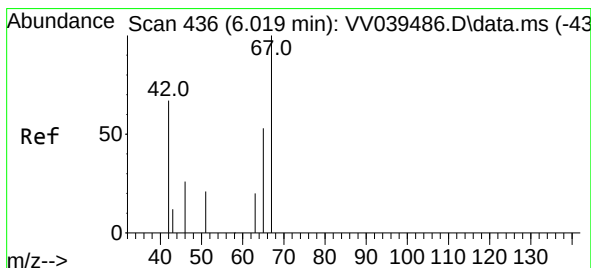
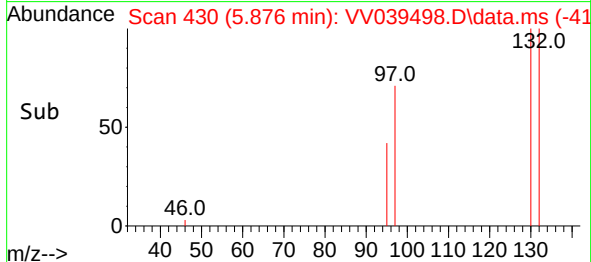
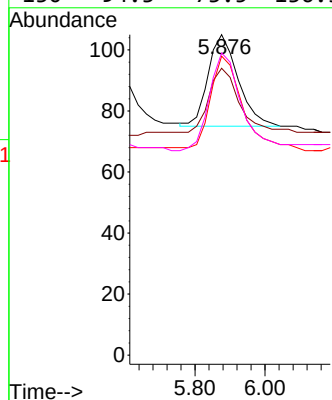
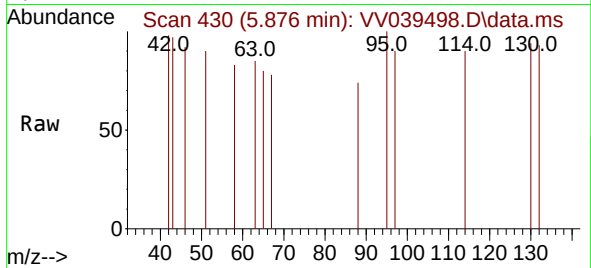


#6
 Trichloroethene
 Concen: 0.024 ug/L
 RT: 5.876 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VV039498.D
 Acq: 08 Dec 2025 17:06

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK233

Tgt Ion: 95 Resp: 179

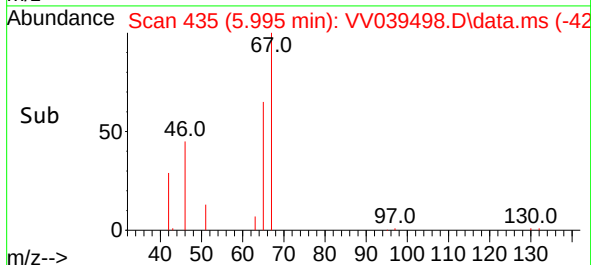
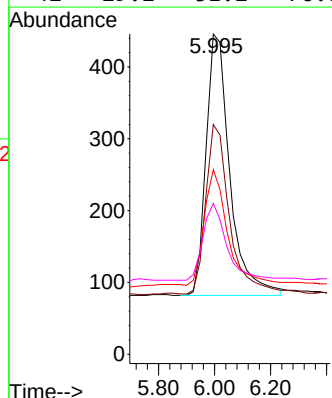
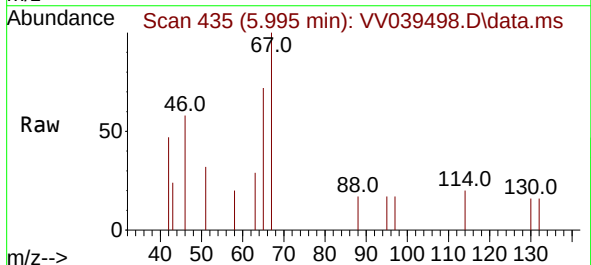
Ion	Ratio	Lower	Upper
95	100		
97	89.5	47.7	88.7#
132	93.3	70.8	131.4
130	94.3	73.5	136.5

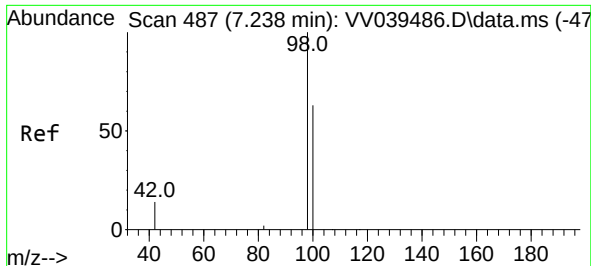


#7
 1,2-Dichloropropane-d6
 Concen: 0.423 ug/L
 RT: 5.995 min Scan# 435
 Delta R.T. -0.024 min
 Lab File: VV039498.D
 Acq: 08 Dec 2025 17:06

Tgt Ion: 67 Resp: 2146

Ion	Ratio	Lower	Upper
67	100		
65	64.5	37.9	56.9#
46	42.8	27.4	41.0#
42	29.2	51.2	76.8#





#8

Toluene-d8

Concen: 0.464 ug/L

RT: 7.253 min Scan# 488

Delta R.T. 0.015 min

Lab File: VV039498.D

Acq: 08 Dec 2025 17:06

Instrument :

MSVOA_V

ClientSampleId :

VIBLK233

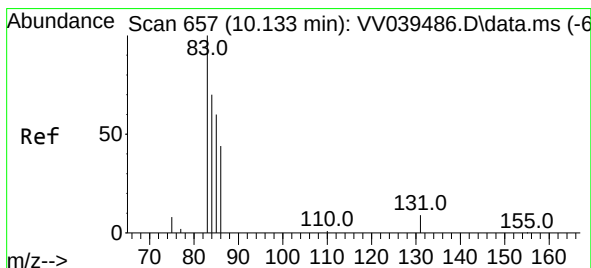
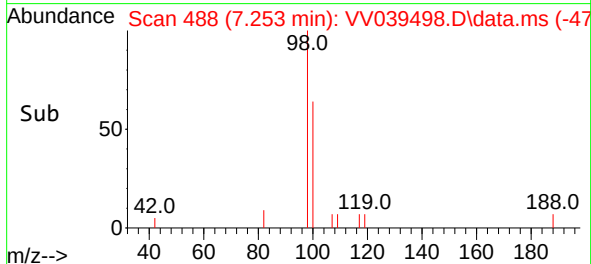
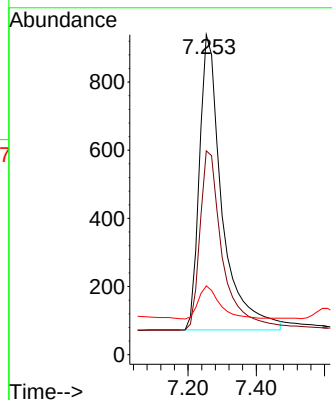
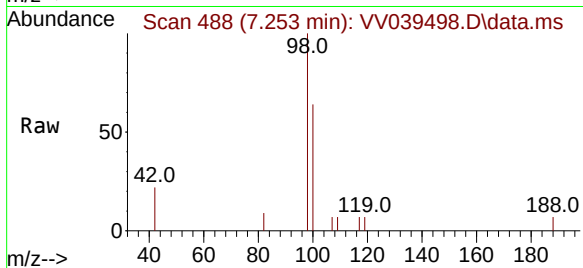
Tgt Ion: 98 Resp: 3972

Ion Ratio Lower Upper

98 100

100 61.3 44.5 82.7

42 10.7 10.1 18.7



#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: VV039498.D

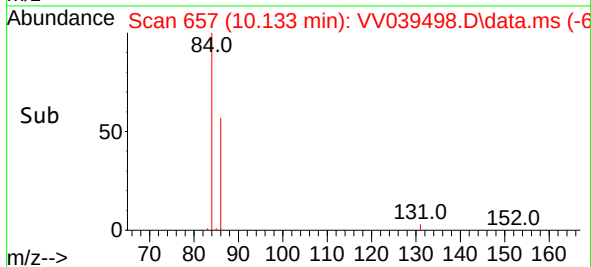
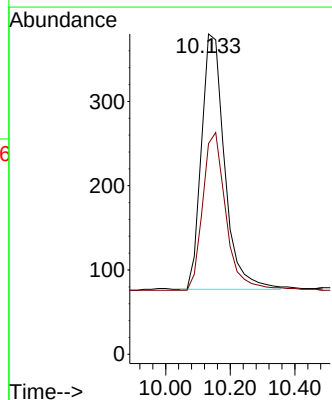
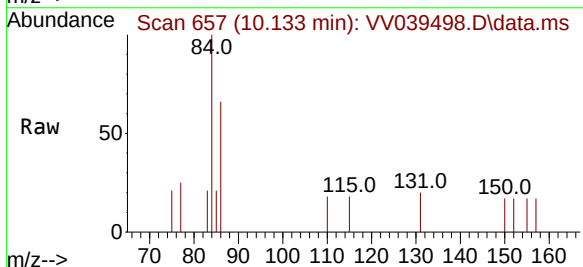
Acq: 08 Dec 2025 17:06

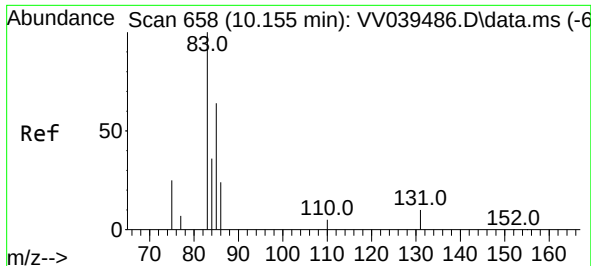
Tgt Ion: 84 Resp: 1506

Ion Ratio Lower Upper

84 100

86 63.3 44.4 82.5

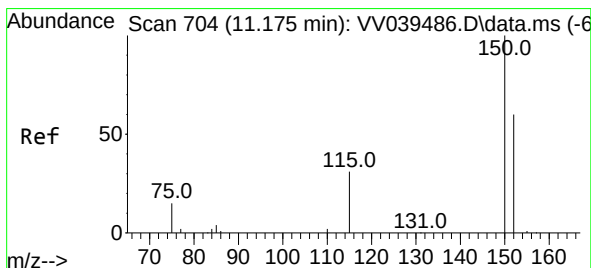
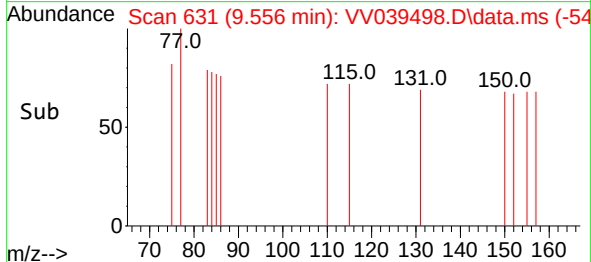
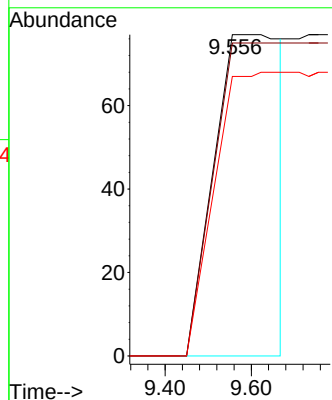
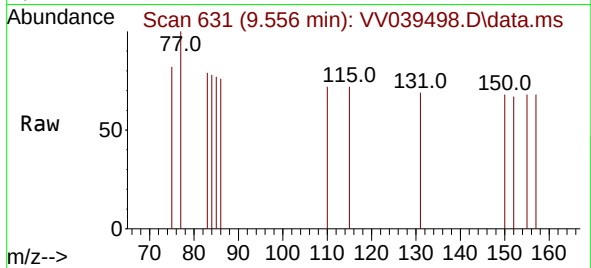




#11
1,1,2,2-Tetrachloroethane
Concen: 0.152 ug/L
RT: 9.556 min Scan# 61
Delta R.T. -0.599 min
Lab File: VV039498.D
Acq: 08 Dec 2025 17:06

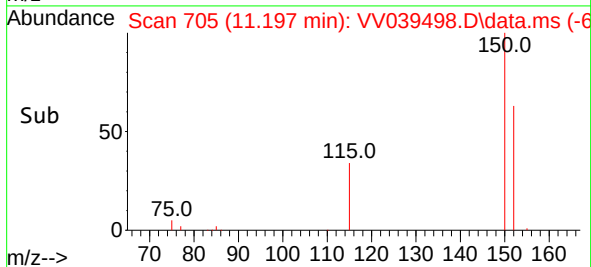
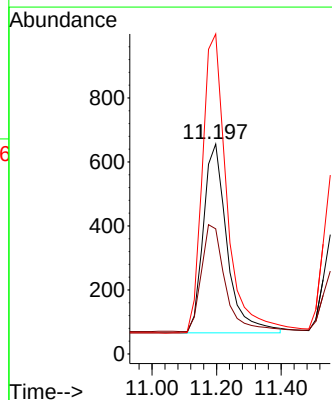
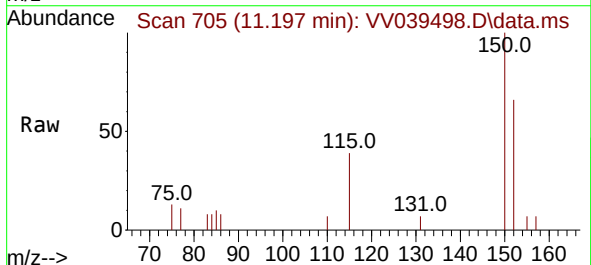
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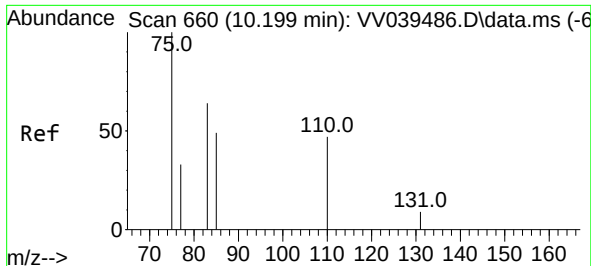
Tgt Ion: 83 Resp: 917
Ion Ratio Lower Upper
83 100
85 31.5 51.0 76.6#
131 119.0 8.6 12.8#



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039498.D
Acq: 08 Dec 2025 17:06

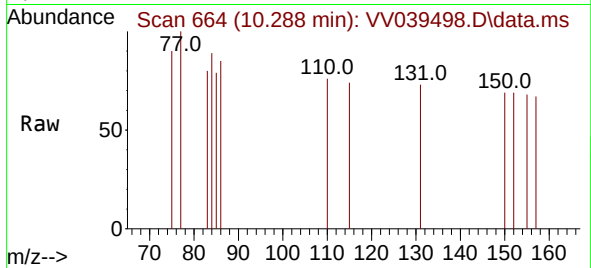
Tgt Ion: 152 Resp: 3025
Ion Ratio Lower Upper
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115 56.7 0.0 101.6
150 162.4 0.0 396.2



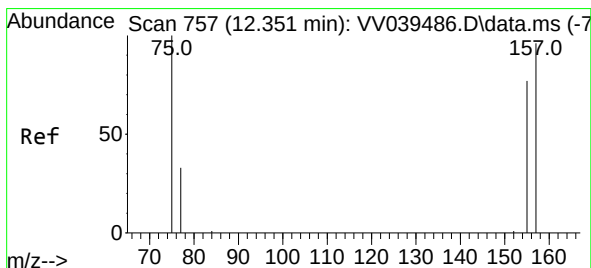
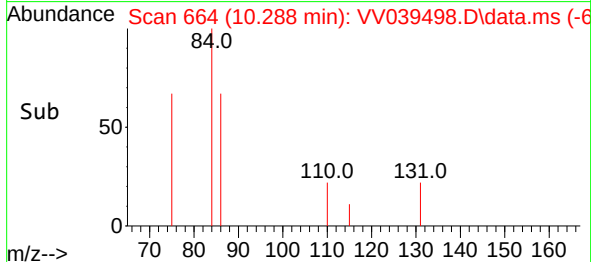
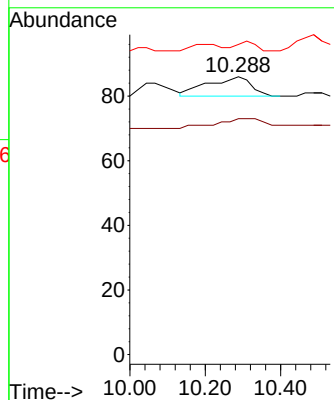


#13
1,2,3-Trichloropropane
Concen: 0.015 ug/L
RT: 10.288 min Scan# 660
Delta R.T. 0.089 min
Lab File: VV039498.D
Acq: 08 Dec 2025 17:06

Instrument :
MSVOA_V
ClientSampleId :
VIBLK233



Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
110 58.3 37.8 56.6#
77 18.8 25.6 38.4#



#14
1,2-Dibromo-3-chloropropane
Concen: 0.025 ug/L
RT: 12.439 min Scan# 761
Delta R.T. 0.089 min
Lab File: VV039498.D
Acq: 08 Dec 2025 17:06

Tgt Ion: 75 Resp: 16
Ion Ratio Lower Upper
75 100
157 78.3 67.8 101.6
155 78.3 61.9 92.9

