

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039536.D
 Acq On : 11 Dec 2025 12:54
 Operator : SY/MD
 Sample : Q3835-03
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-01-170-121025-SIM

Quant Time: Dec 12 00:48:12 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)

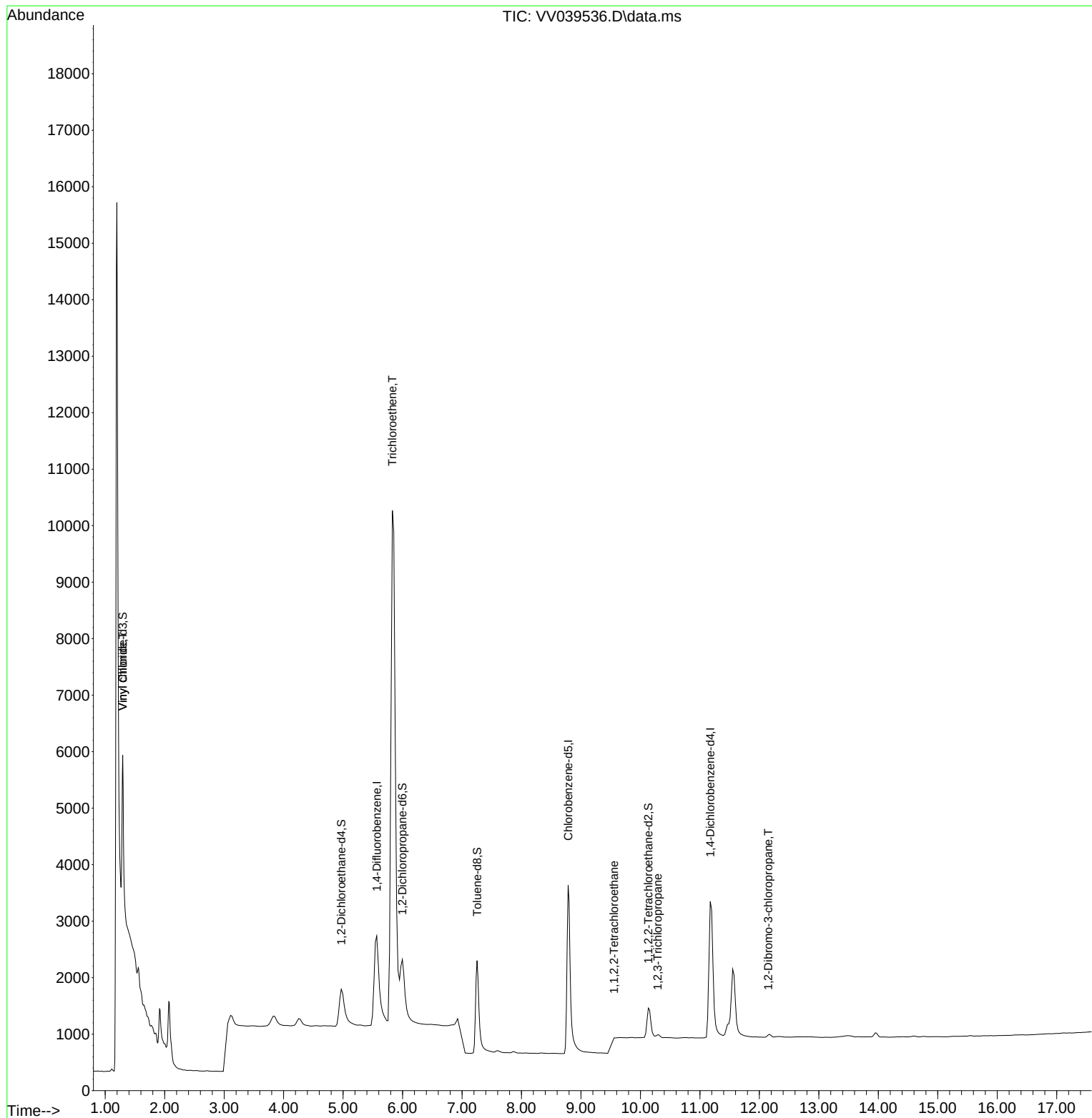
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7258	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6539	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3576	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3268	0.459	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	92.000%
4) 1,2-Dichloroethane-d4	4.970	65	1824	0.377	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	76.000%
7) 1,2-Dichloropropane-d6	5.996	67	2017	0.366	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	74.000%
8) Toluene-d8	7.254	98	3941	0.423	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1481	0.476	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	528	0.034	ug/L #	1
6) Trichloroethene	5.829	95	12292	1.550	ug/L	99
11) 1,1,2,2-Tetrachloroethane	9.556	83	289	0.044	ug/L #	1
13) 1,2,3-Trichloropropane	10.288	75	77	0.021	ug/L #	55
14) 1,2-Dibromo-3-chloropr...	12.151	75	144	0.189	ug/L #	77

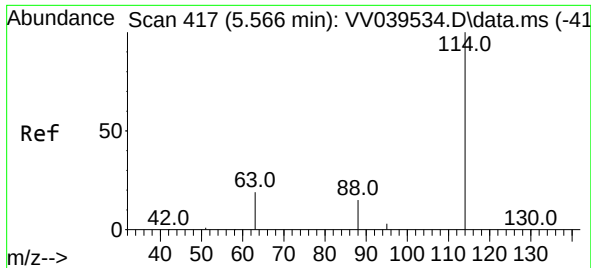
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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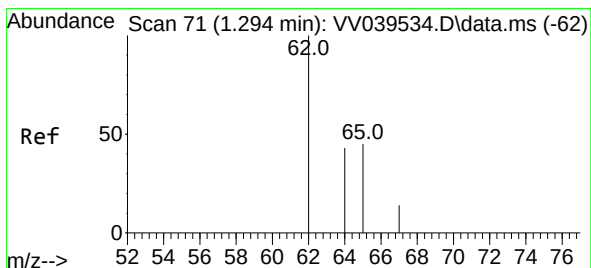
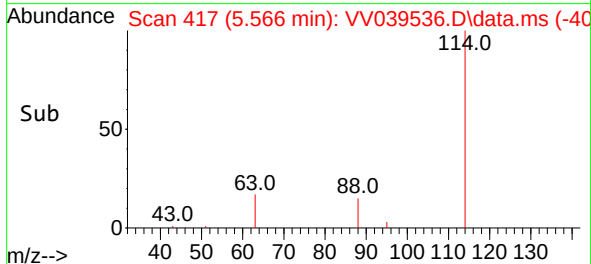
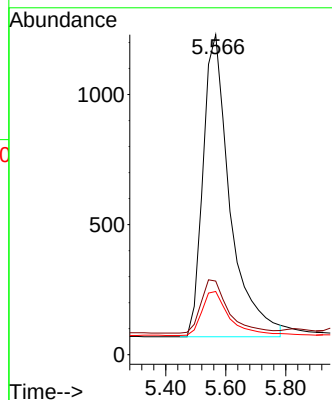
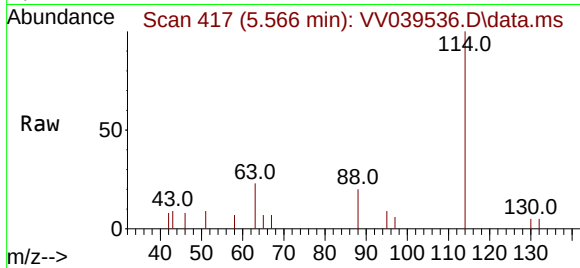




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039536.D
Acq: 11 Dec 2025 12:54

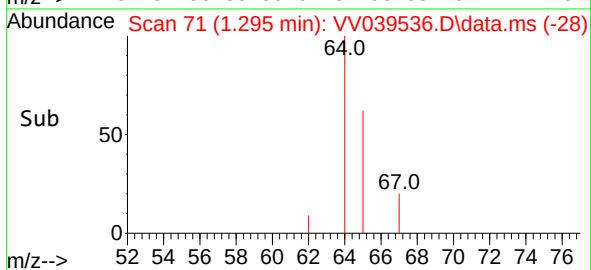
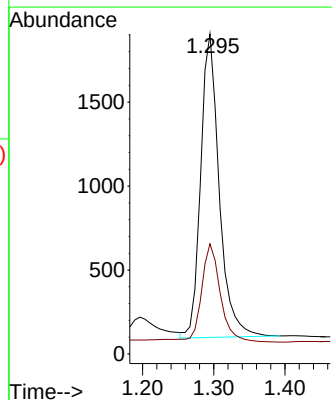
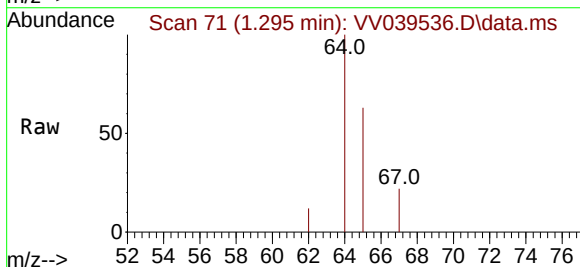
Instrument :
MSVOA_V
ClientSampleId :
OWBR-01-170-121025-SIM

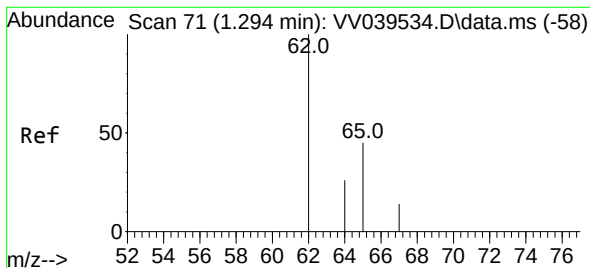
Tgt Ion:	114	Resp:	7258
Ion	Ratio	Lower	Upper
114	100		
63	17.8	15.0	22.4
88	14.6	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.459 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039536.D
Acq: 11 Dec 2025 12:54

Tgt Ion:	65	Resp:	3268
Ion	Ratio	Lower	Upper
65	100		
67	34.0	22.3	41.5





#3

Vinyl chloride

Concen: 0.034 ug/L

RT: 1.295 min Scan# 71

Delta R.T. 0.001 min

Lab File: VV039536.D

Acq: 11 Dec 2025 12:54

Instrument :

MSVOA_V

ClientSampleId :

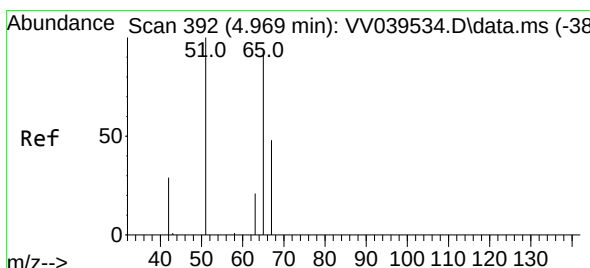
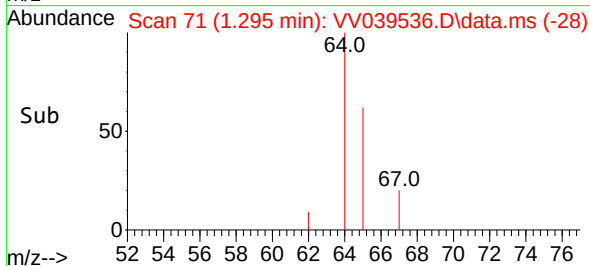
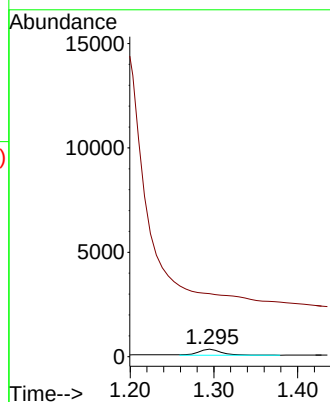
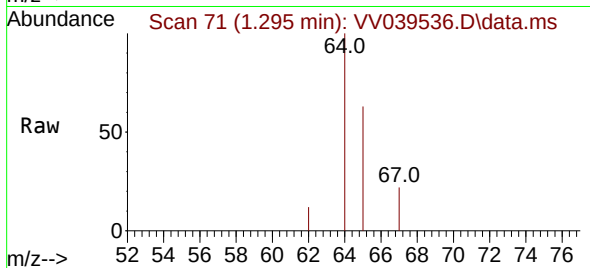
OWBR-01-170-121025-SIM

Tgt Ion: 62 Resp: 528

Ion Ratio Lower Upper

62 100

64 840.4 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.377 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039536.D

Acq: 11 Dec 2025 12:54

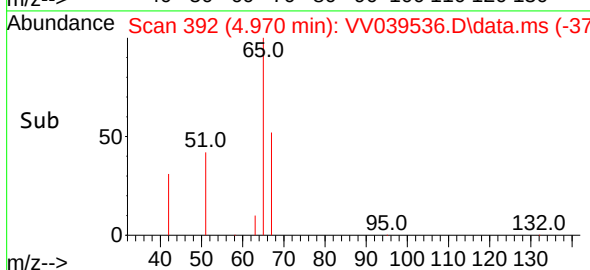
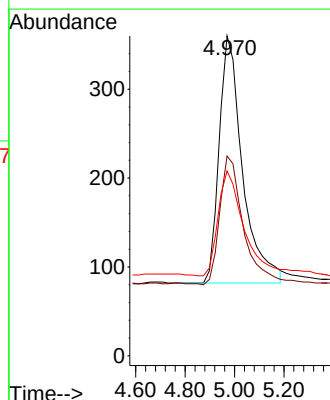
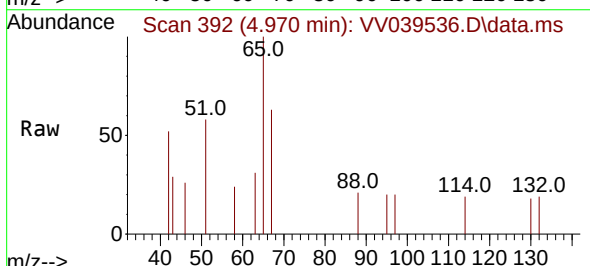
Tgt Ion: 65 Resp: 1824

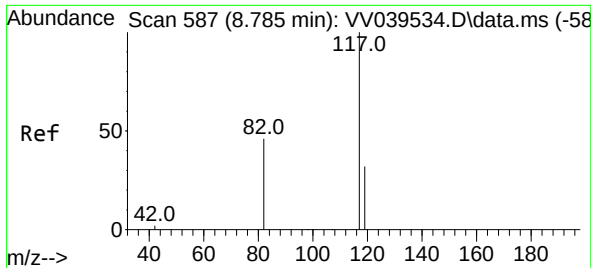
Ion Ratio Lower Upper

65 100

67 51.4 32.5 60.3

51 46.5 121.4 225.6#

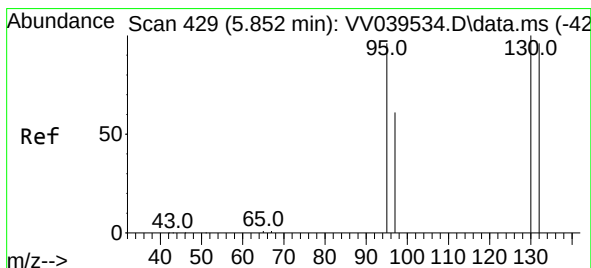
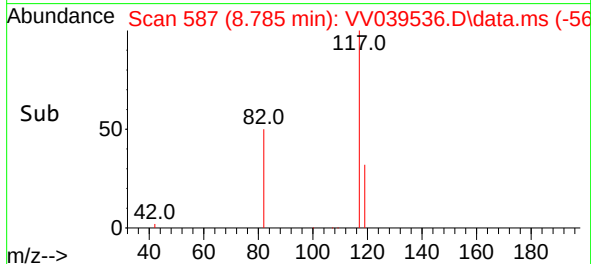
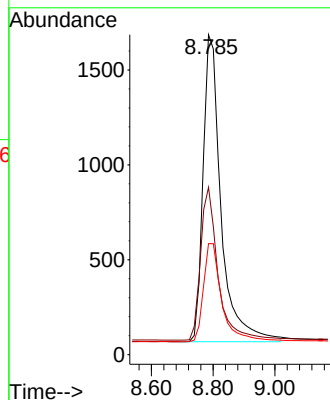
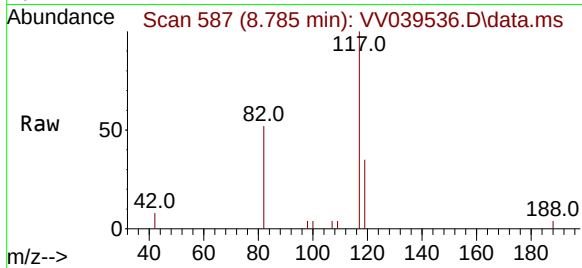




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039536.D
Acq: 11 Dec 2025 12:54

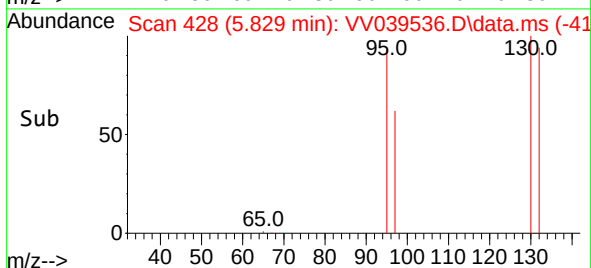
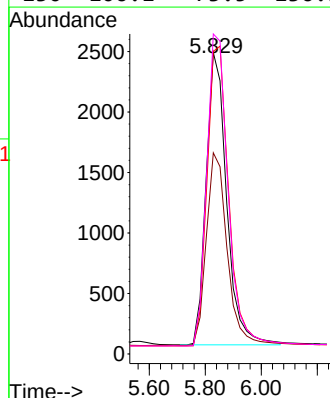
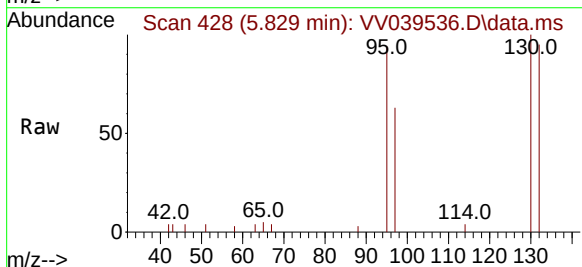
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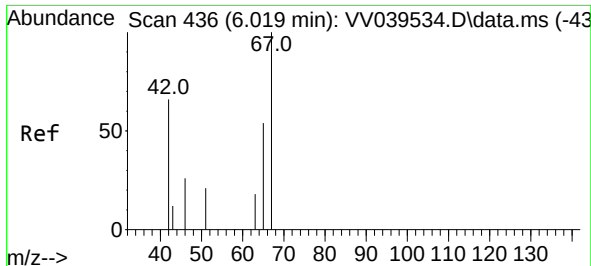
Tgt Ion:	117	Resp:	6539
Ion	Ratio	Lower	Upper
117	100		
82	48.6	39.4	59.2
119	32.8	26.2	39.2



#6
Trichloroethene
Concen: 1.550 ug/L
RT: 5.829 min Scan# 428
Delta R.T. -0.023 min
Lab File: VV039536.D
Acq: 11 Dec 2025 12:54

Tgt Ion:	95	Resp:	12292
Ion	Ratio	Lower	Upper
95	100		
97	66.7	47.7	88.7
132	100.4	70.8	131.4
130	106.1	73.5	136.5

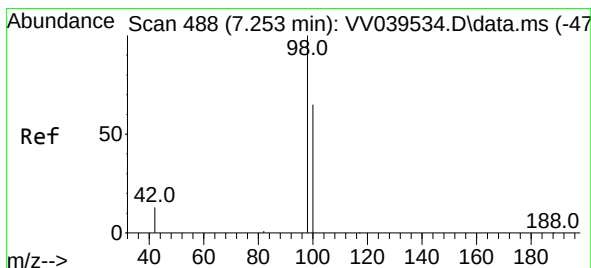
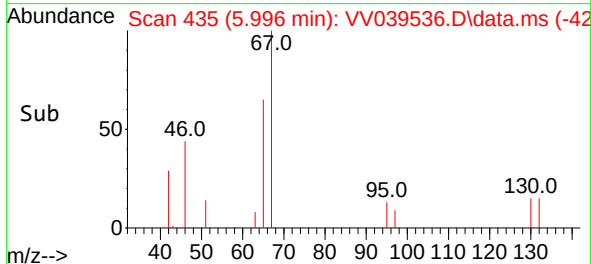
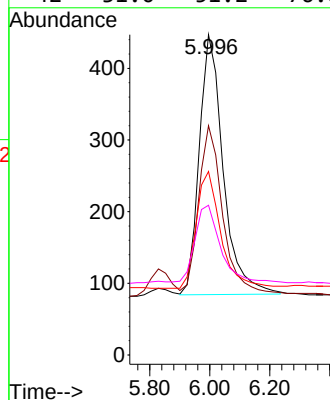
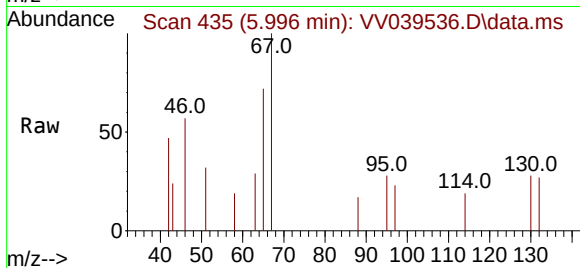




#7
1,2-Dichloropropane-d6
Concen: 0.366 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039536.D
Acq: 11 Dec 2025 12:54

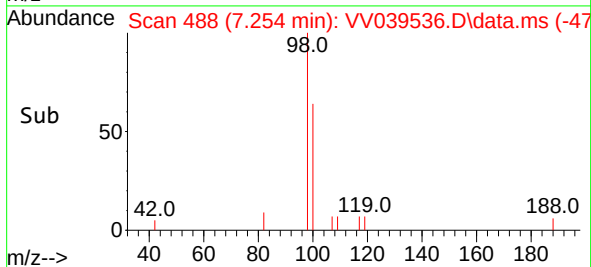
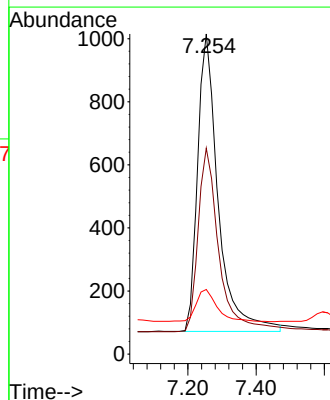
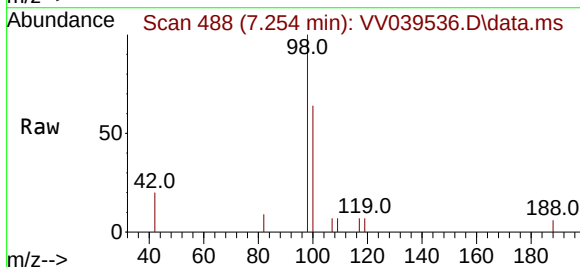
Instrument :
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ClientSampleId :
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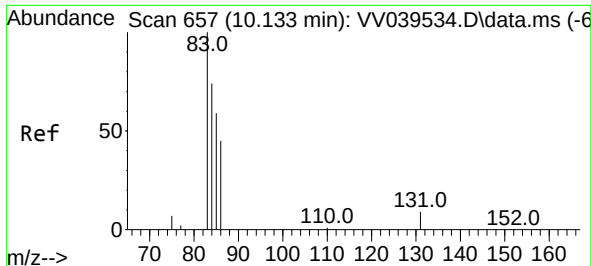
Tgt Ion:	67	Resp:	2017
Ion	Ratio	Lower	Upper
67	100		
65	64.2	37.9	56.9#
46	46.3	27.4	41.0#
42	31.0	51.2	76.8#



#8
Toluene-d8
Concen: 0.423 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039536.D
Acq: 11 Dec 2025 12:54

Tgt Ion:	98	Resp:	3941
Ion	Ratio	Lower	Upper
98	100		
100	62.5	44.5	82.7
42	11.0	10.1	18.7

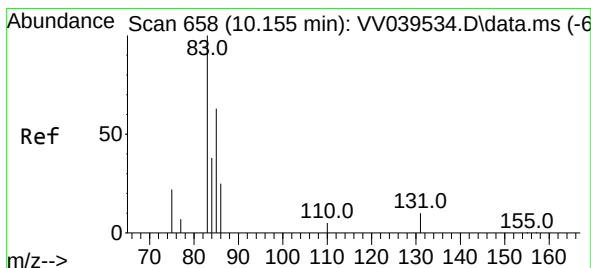
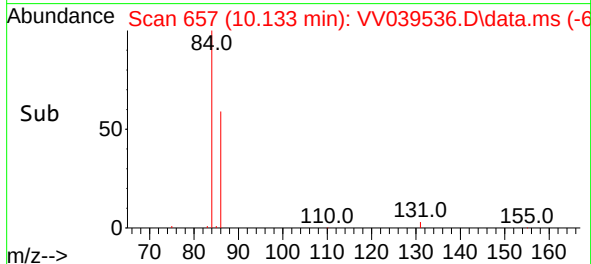
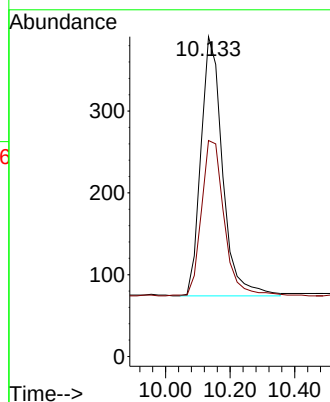
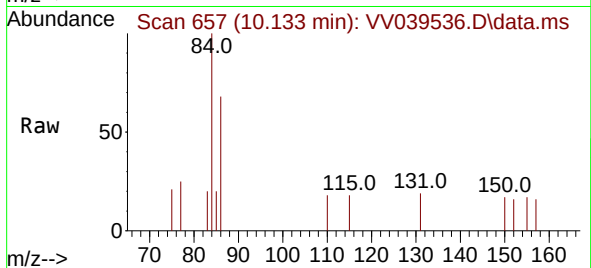




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.476 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039536.D
Acq: 11 Dec 2025 12:54

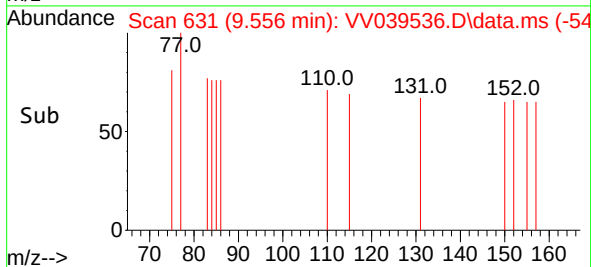
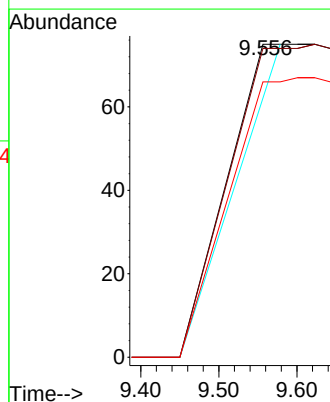
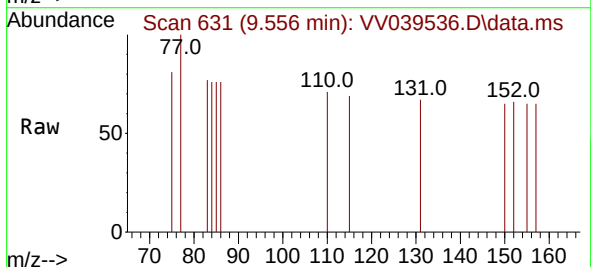
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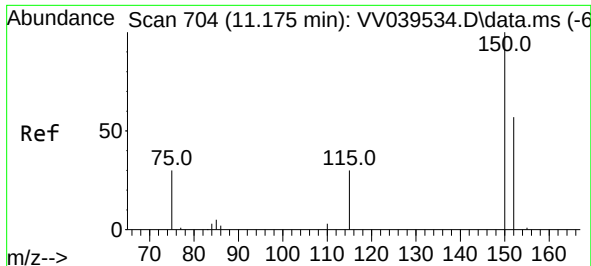
Tgt Ion: 84 Resp: 1481
Ion Ratio Lower Upper
84 100
86 63.0 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.044 ug/L
RT: 9.556 min Scan# 631
Delta R.T. -0.599 min
Lab File: VV039536.D
Acq: 11 Dec 2025 12:54

Tgt Ion: 83 Resp: 289
Ion Ratio Lower Upper
83 100
85 457.1 51.0 76.6#
131 372.0 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: VV039536.D

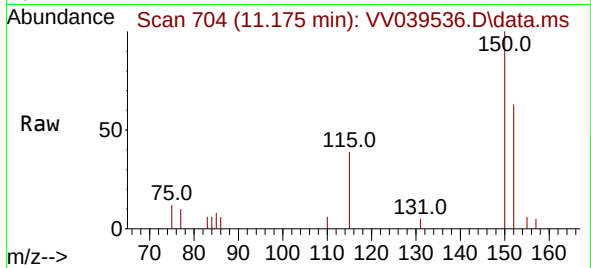
Acq: 11 Dec 2025 12:54

Instrument :

MSVOA_V

ClientSampleId :

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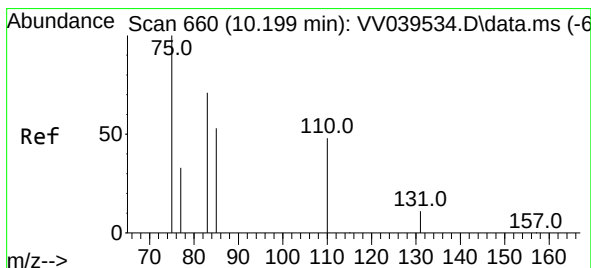
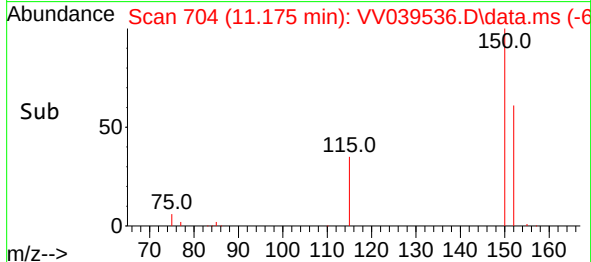
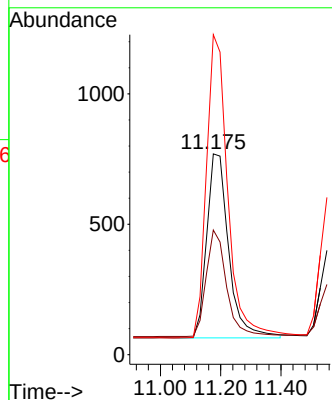
Tgt Ion:152 Resp: 3576

Ion Ratio Lower Upper

152 100

115 54.0 0.0 101.6

150 159.7 0.0 396.2



#13

1,2,3-Trichloropropane

Concen: 0.021 ug/L

RT: 10.288 min Scan# 664

Delta R.T. 0.089 min

Lab File: VV039536.D

Acq: 11 Dec 2025 12:54

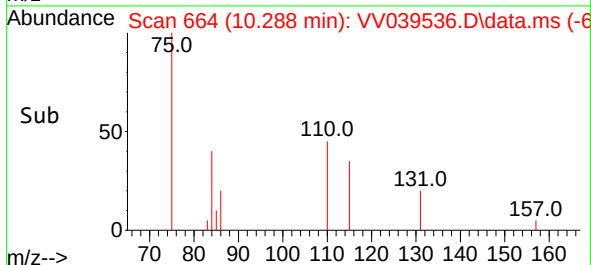
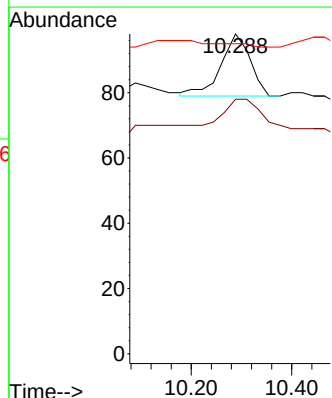
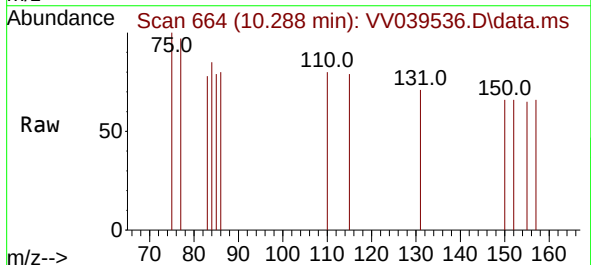
Tgt Ion: 75 Resp: 77

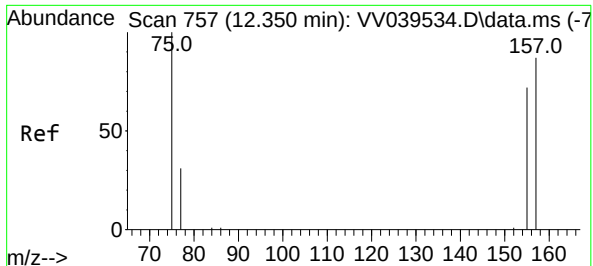
Ion Ratio Lower Upper

75 100

110 71.4 37.8 56.6#

77 0.0 25.6 38.4#





#14

1,2-Dibromo-3-chloropropane

Concen: 0.189 ug/L

RT: 12.151 min Scan# 74

Delta R.T. -0.200 min

Lab File: VV039536.D

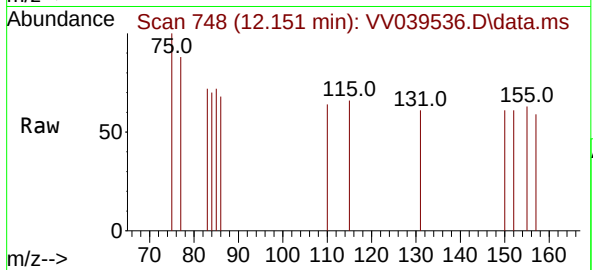
Acq: 11 Dec 2025 12:54

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 75 Resp: 144

Ion Ratio Lower Upper

75 100

157 58.7 67.8 101.6#

155 63.3 61.9 92.9

