

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039540.D
 Acq On : 11 Dec 2025 14:29
 Operator : SY/MD
 Sample : Q3828-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-03-138-120925-SIM

Quant Time: Dec 12 00:48:58 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)

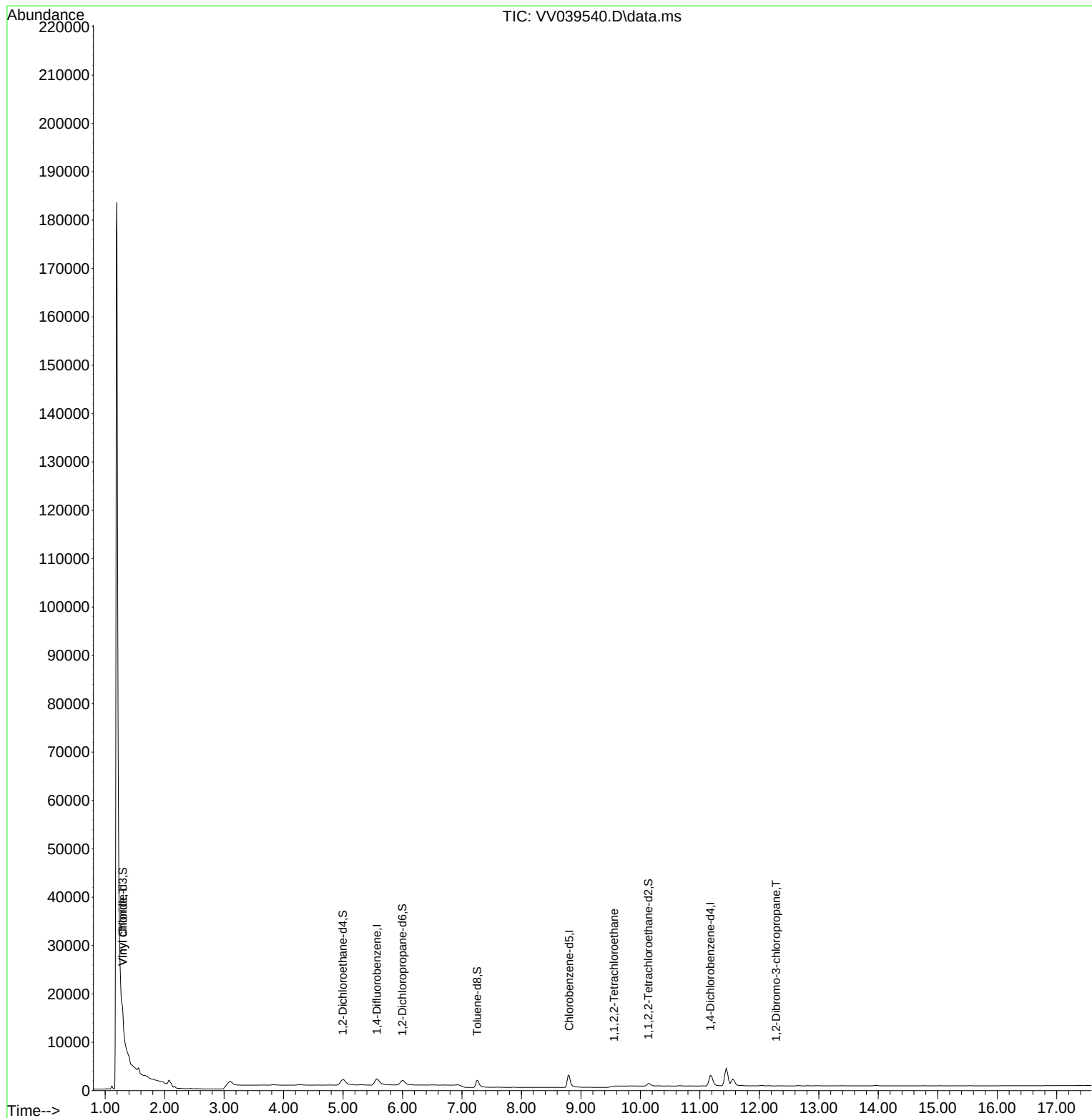
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5770	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	5766	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3147	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3744	0.661	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	132.000%#
4) 1,2-Dichloroethane-d4	4.994	65	1814	0.472	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	5.996	67	2040	0.419	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	3750	0.457	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1514	0.552	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	110.000%
Target Compounds						
						Qvalue
3) Vinyl chloride	1.295	62	755	0.060	ug/L	# 1
11) 1,1,2,2-Tetrachloroethane	9.556	83	797	0.138	ug/L	# 4
14) 1,2-Dibromo-3-chloropr...	12.284	75	15	0.022	ug/L	96

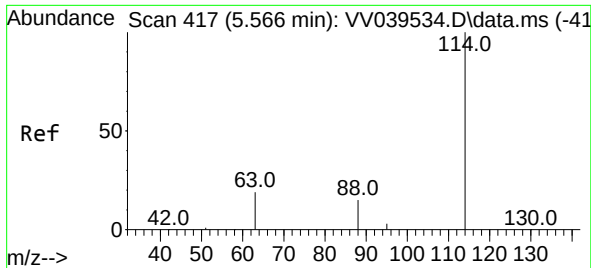
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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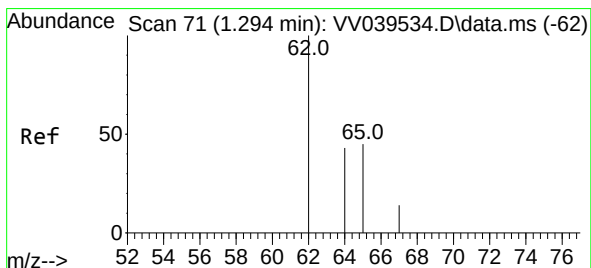
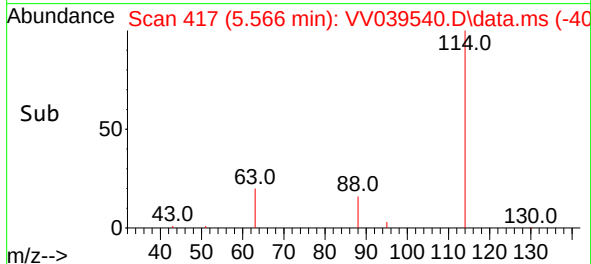
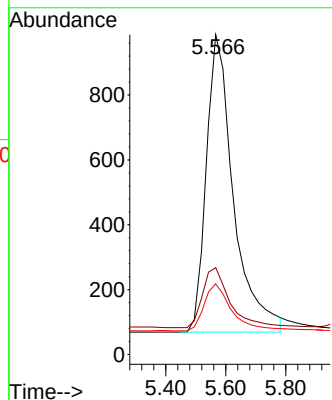
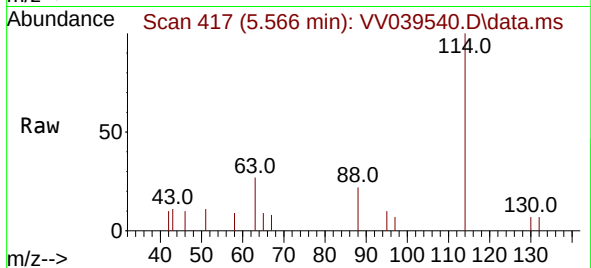




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

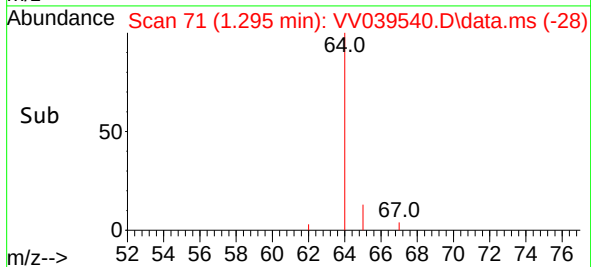
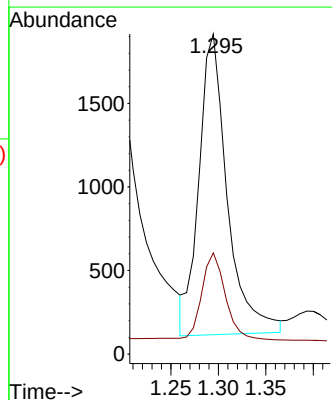
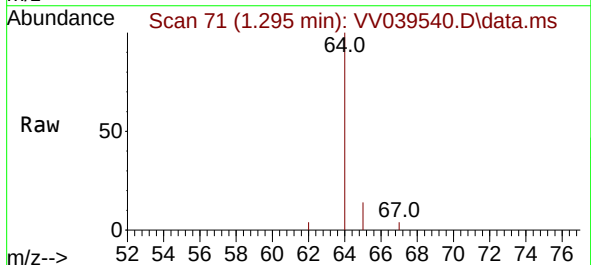
Instrument :
MSVOA_V
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OWBR-03-138-120925-SIM

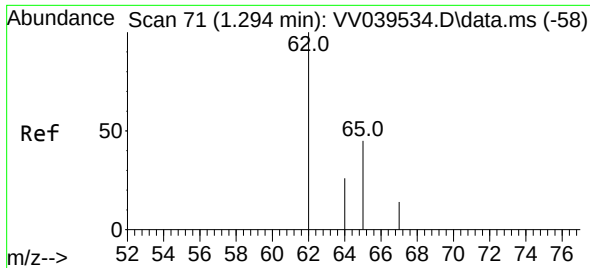
Tgt Ion:	114	Resp:	5770
Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.0	22.4
88	15.9	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.661 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

Tgt Ion:	65	Resp:	3744
Ion	Ratio	Lower	Upper
65	100		
67	27.2	22.3	41.5

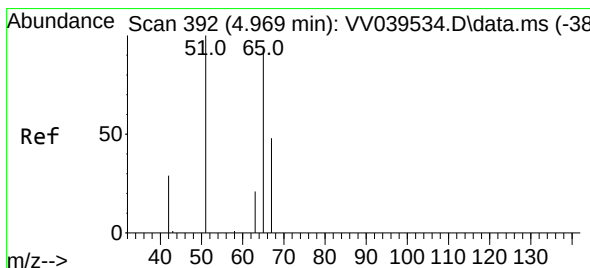
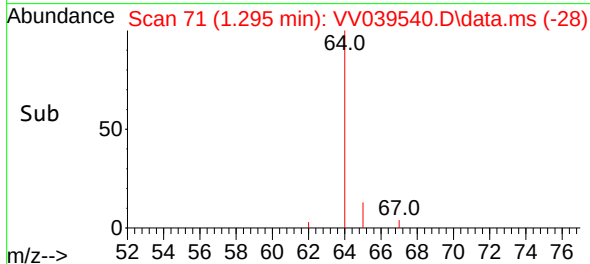
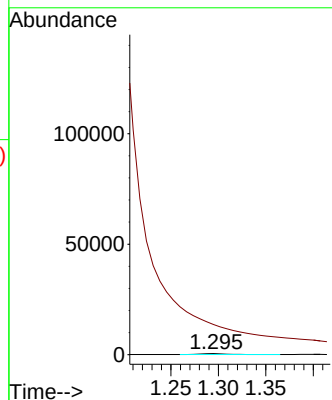
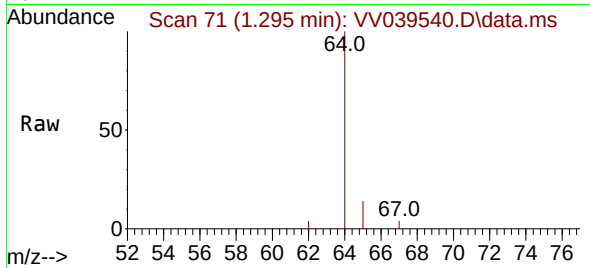




#3
 Vinyl chloride
 Concen: 0.060 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039540.D
 Acq: 11 Dec 2025 14:29

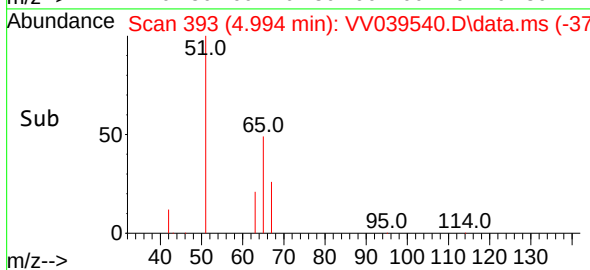
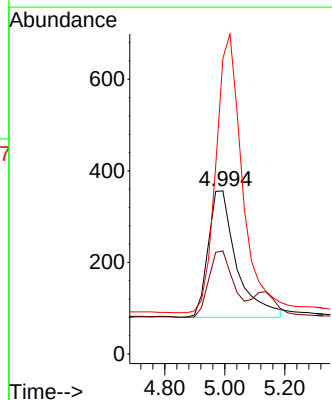
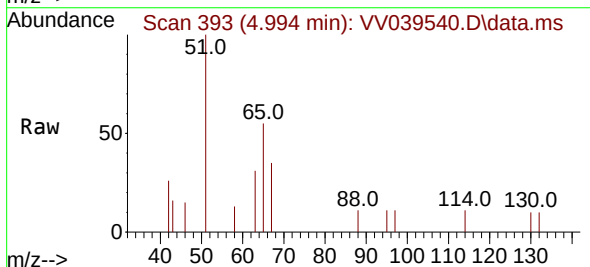
Instrument :
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 ClientSampleId :
 OWBR-03-138-120925-SIM

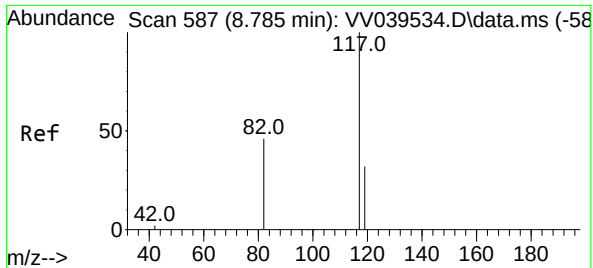
Tgt Ion: 62 Resp: 755
 Ion Ratio Lower Upper
 62 100
 64 2711.9 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.472 ug/L
 RT: 4.994 min Scan# 393
 Delta R.T. 0.025 min
 Lab File: VV039540.D
 Acq: 11 Dec 2025 14:29

Tgt Ion: 65 Resp: 1814
 Ion Ratio Lower Upper
 65 100
 67 45.5 32.5 60.3
 51 203.5 121.4 225.6

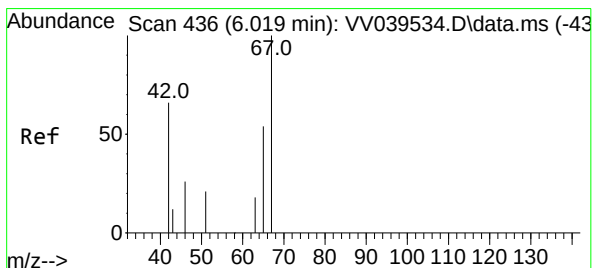
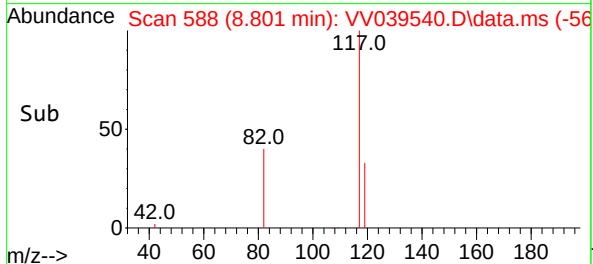
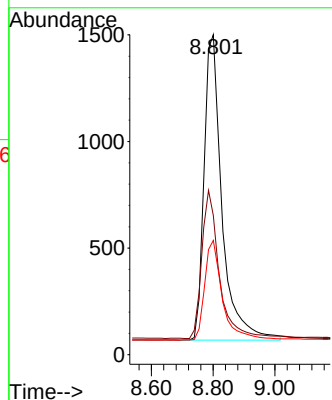
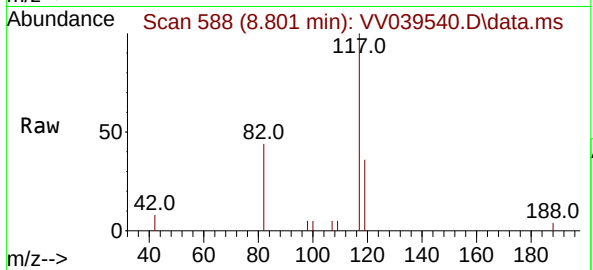




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

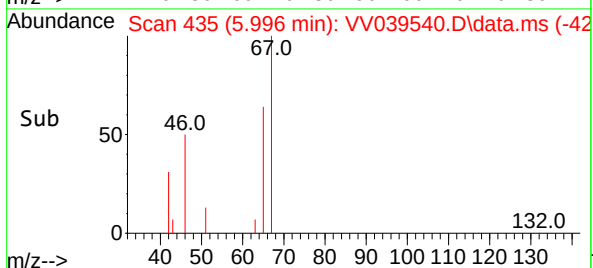
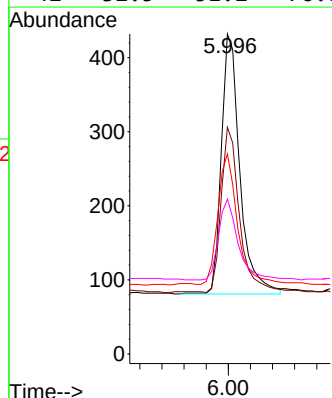
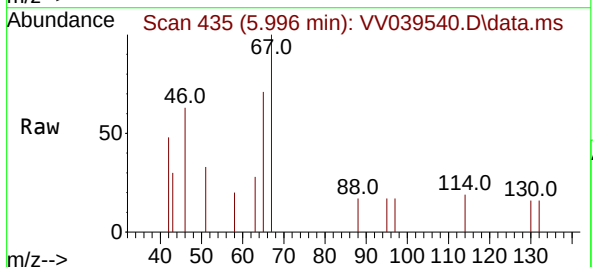
Instrument :
MSVOA_V
ClientSampleId :
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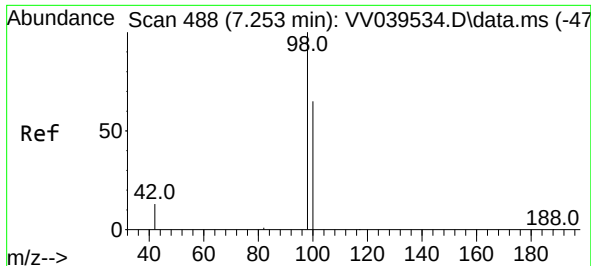
Tgt Ion:	117	Resp:	5766
Ion	Ratio	Lower	Upper
117	100		
82	47.5	39.4	59.2
119	32.5	26.2	39.2



#7
1,2-Dichloropropane-d6
Concen: 0.419 ug/L
RT: 5.996 min Scan# 435
Delta R.T. -0.023 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

Tgt Ion:	67	Resp:	2040
Ion	Ratio	Lower	Upper
67	100		
65	61.6	37.9	56.9#
46	52.5	27.4	41.0#
42	32.5	51.2	76.8#

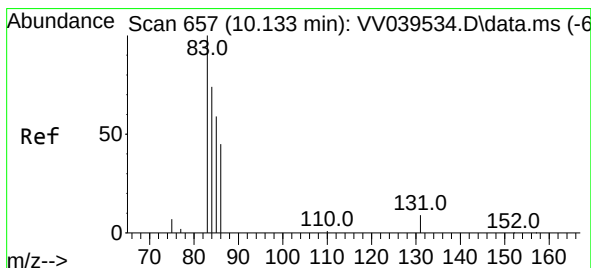
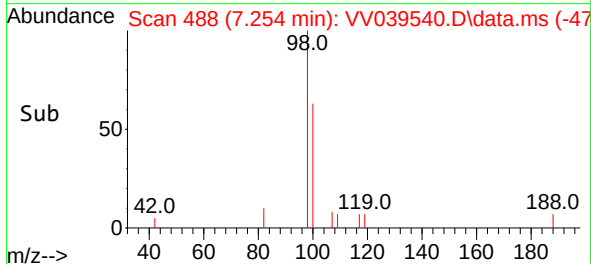
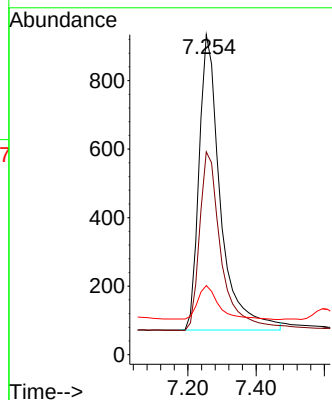
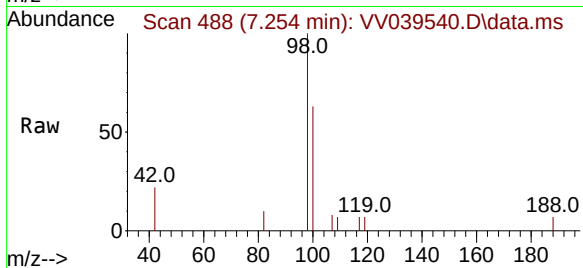




#8
Toluene-d8
Concen: 0.457 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

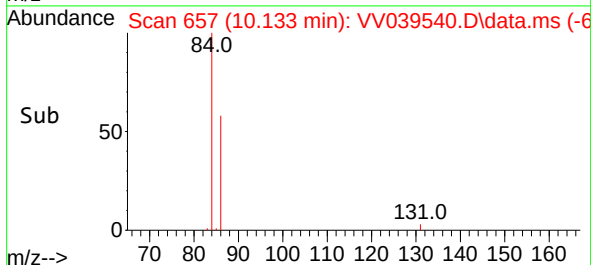
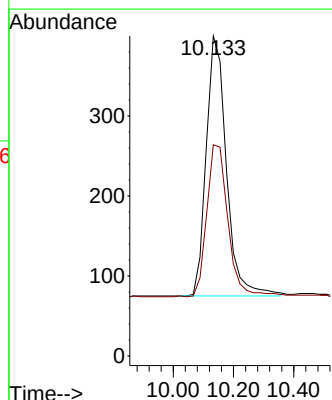
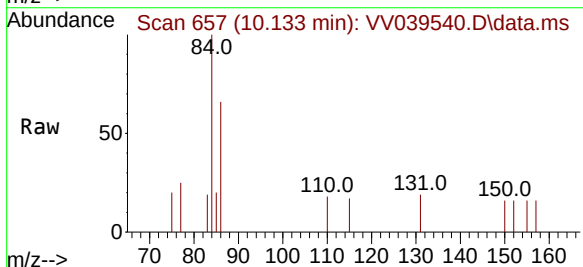
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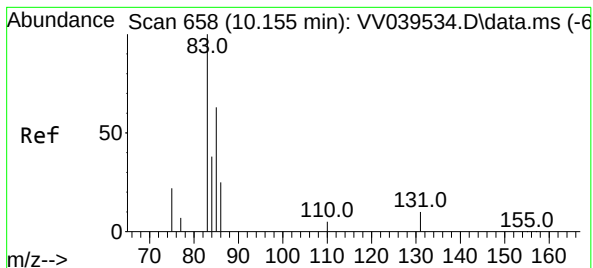
Tgt Ion: 98 Resp: 3750
Ion Ratio Lower Upper
98 100
100 61.3 44.5 82.7
42 11.1 10.1 18.7



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.552 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

Tgt Ion: 84 Resp: 1514
Ion Ratio Lower Upper
84 100
86 61.6 44.4 82.5





#11

1,1,2,2-Tetrachloroethane

Concen: 0.138 ug/L

RT: 9.556 min Scan# 61

Delta R.T. -0.599 min

Lab File: VV039540.D

Acq: 11 Dec 2025 14:29

Instrument :

MSVOA_V

ClientSampleId :

OWBR-03-138-120925-SIM

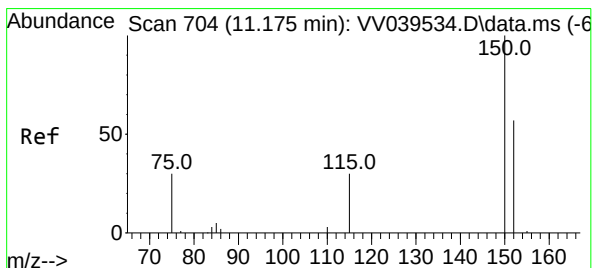
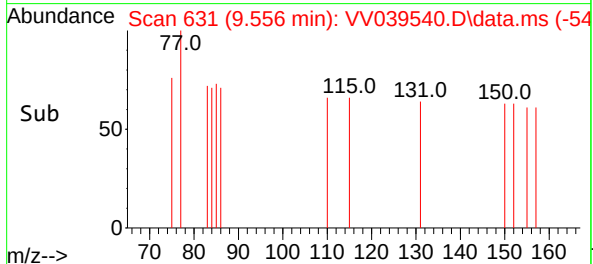
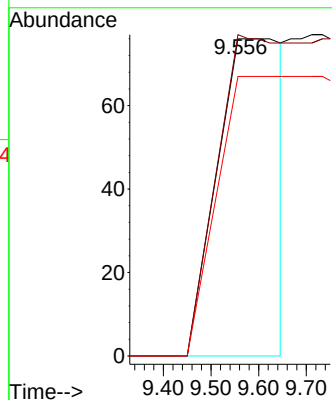
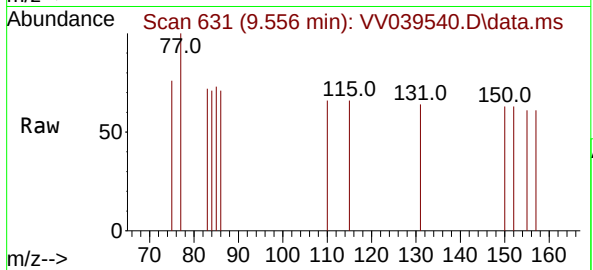
Tgt Ion: 83 Resp: 797

Ion Ratio Lower Upper

83 100

85 100.0 51.0 76.6#

131 158.3 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: VV039540.D

Acq: 11 Dec 2025 14:29

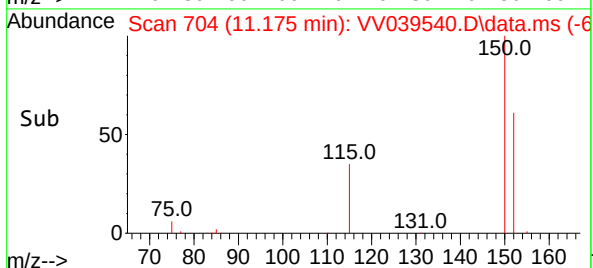
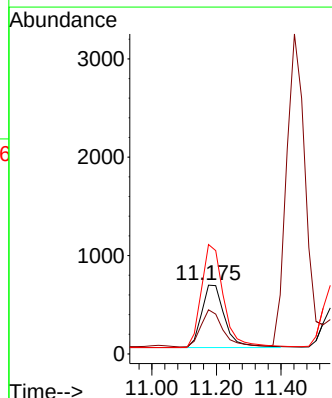
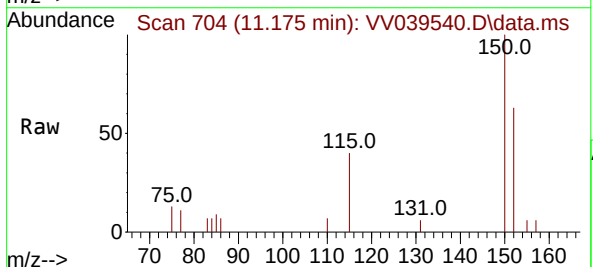
Tgt Ion: 152 Resp: 3147

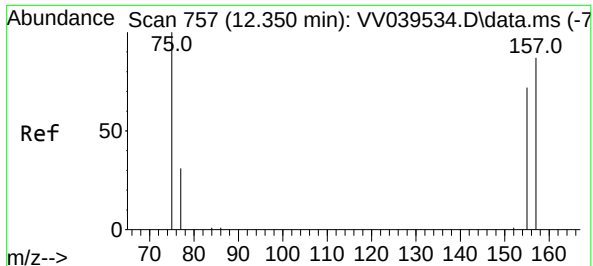
Ion Ratio Lower Upper

152 100

115 56.6 0.0 101.6

150 159.9 0.0 396.2





#14

1,2-Dibromo-3-chloropropane

Concen: 0.022 ug/L

RT: 12.284 min Scan# 754

Delta R.T. -0.067 min

Lab File: VV039540.D

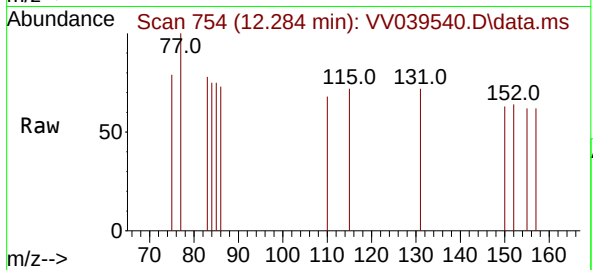
Acq: 11 Dec 2025 14:29

Instrument :

MSVOA_V

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Tgt Ion: 75 Resp: 15

Ion Ratio Lower Upper

75 100

157 78.0 67.8 101.6

155 78.0 61.9 92.9

