

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039538.D
 Acq On : 11 Dec 2025 13:46
 Operator : SY/MD
 Sample : Q3828-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-02-133-120925-SIM

Quant Time: Dec 12 00:48:35 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)

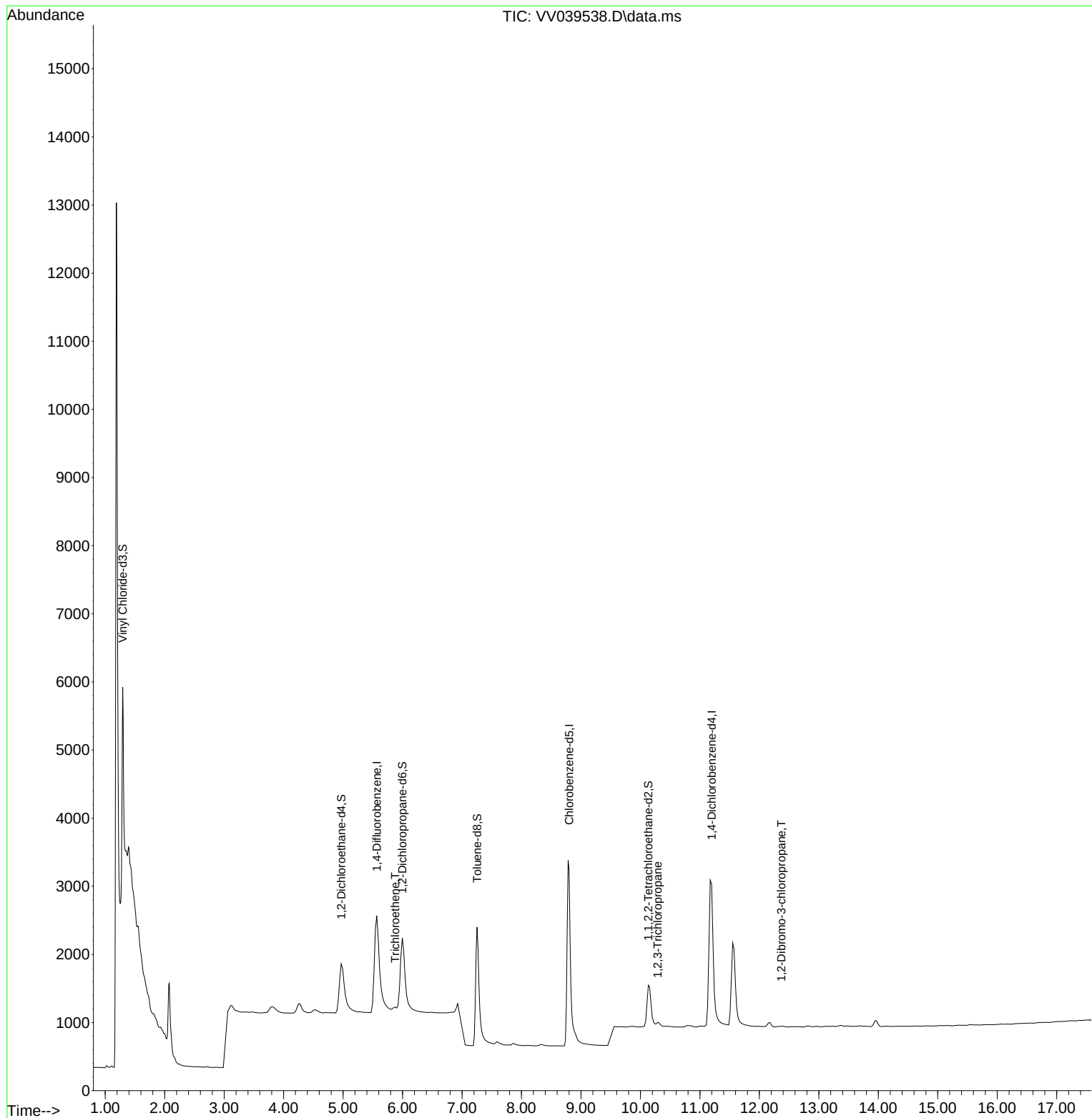
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6385	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6179	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3284	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3756	0.599	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	120.000%
4) 1,2-Dichloroethane-d4	4.970	65	2020	0.475	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	5.996	67	2319	0.445	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.254	98	4292	0.488	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1666	0.567	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
6) Trichloroethene	5.876	95	82	0.011	ug/L #	85
13) 1,2,3-Trichloropropane	10.288	75	121	0.036	ug/L #	43
14) 1,2-Dibromo-3-chloropr...	12.373	75	23	0.033	ug/L	96

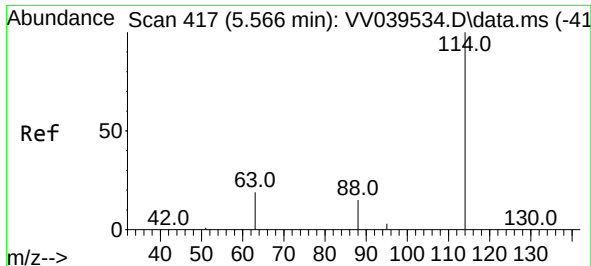
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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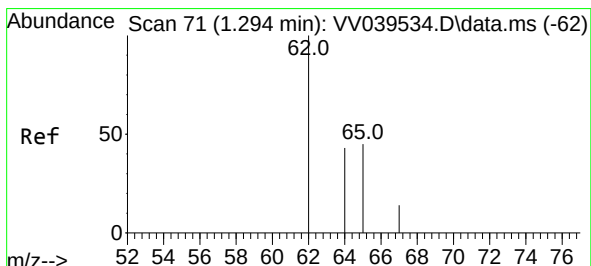
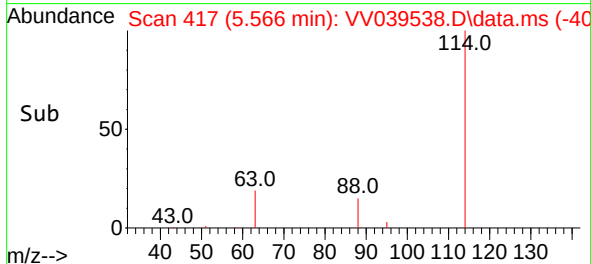
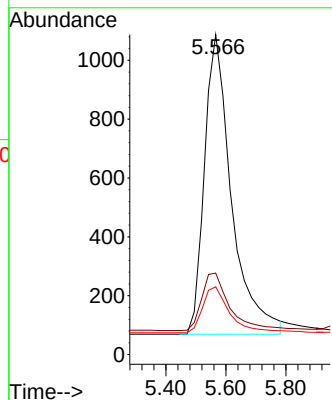
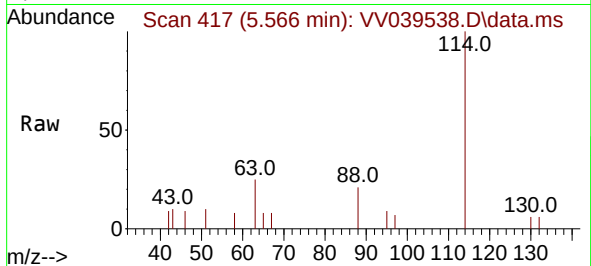




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

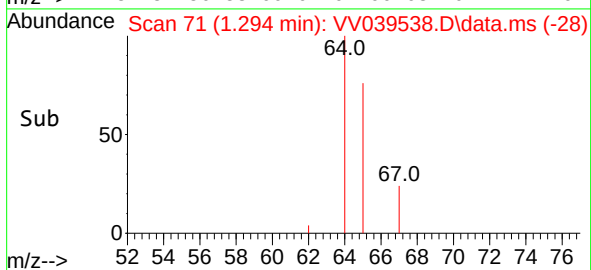
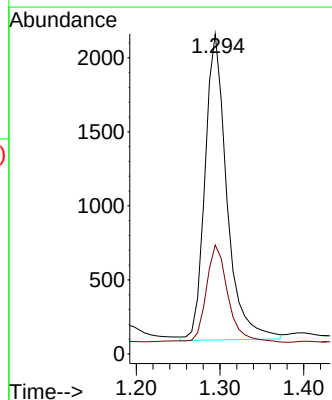
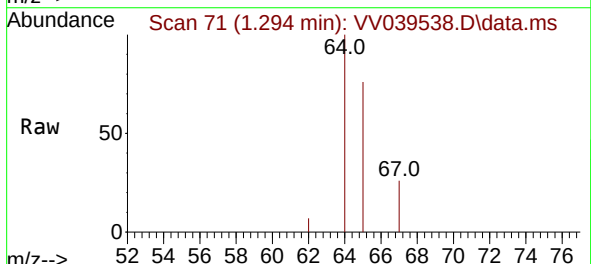
Instrument :
MSVOA_V
ClientSampleId :
BR-02-133-120925-SIM

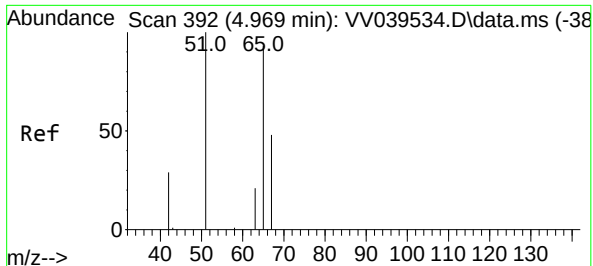
Tgt Ion:	114	Resp:	6385
Ion	Ratio	Lower	Upper
114	100		
63	19.6	15.0	22.4
88	15.3	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.599 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

Tgt Ion:	65	Resp:	3756
Ion	Ratio	Lower	Upper
65	100		
67	31.8	22.3	41.5

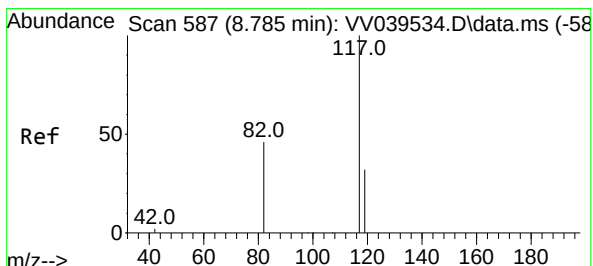
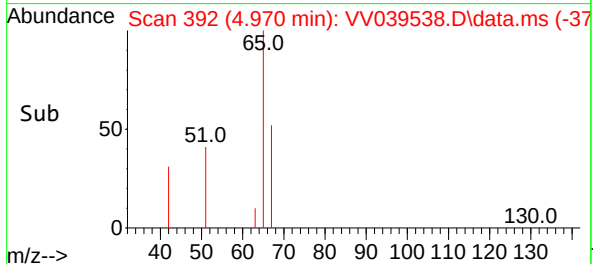
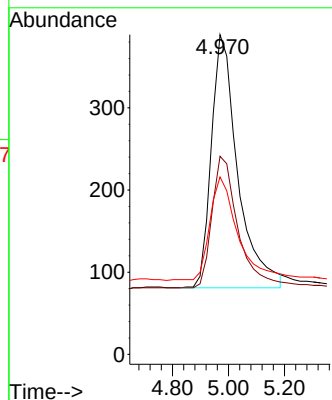
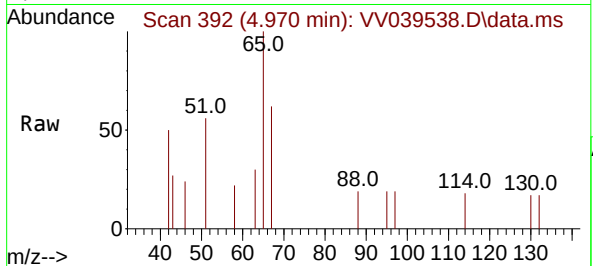




#4
1,2-Dichloroethane-d4
Concen: 0.475 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

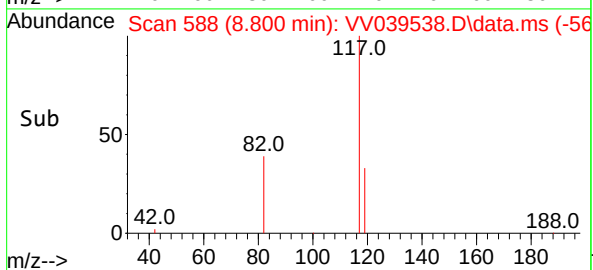
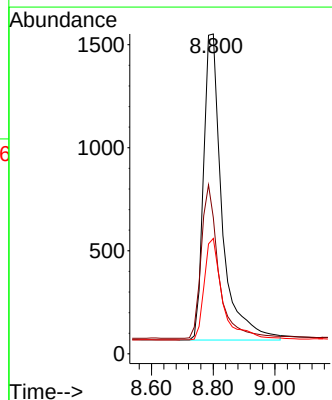
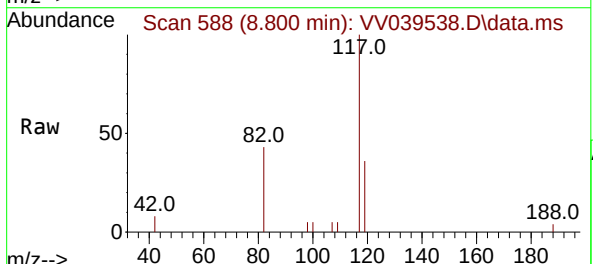
Instrument :
MSVOA_V
ClientSampleId :
BR-02-133-120925-SIM

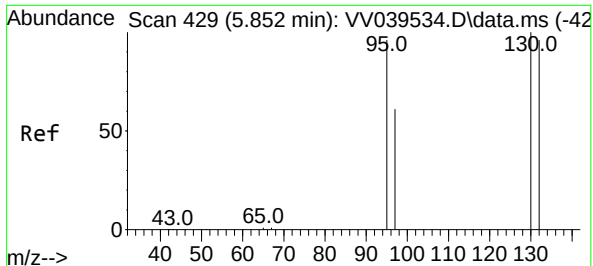
Tgt Ion: 65 Resp: 2020
Ion Ratio Lower Upper
65 100
67 51.1 32.5 60.3
51 43.1 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

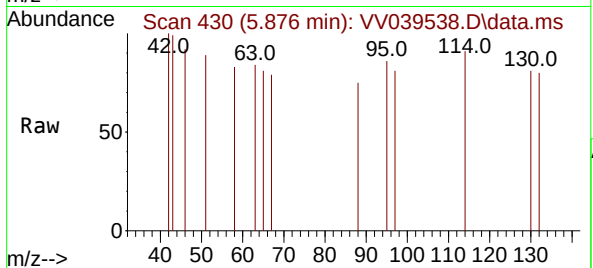
Tgt Ion: 117 Resp: 6179
Ion Ratio Lower Upper
117 100
82 47.4 39.4 59.2
119 33.2 26.2 39.2





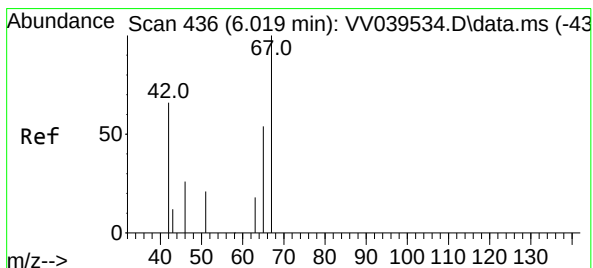
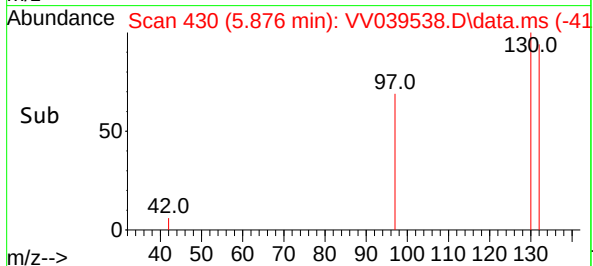
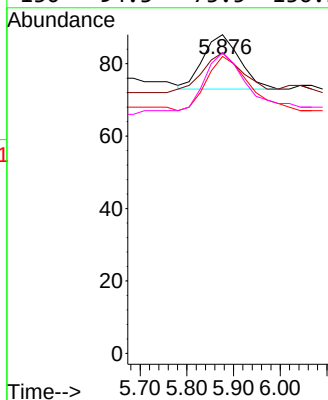
#6
 Trichloroethene
 Concen: 0.011 ug/L
 RT: 5.876 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VV039538.D
 Acq: 11 Dec 2025 13:46

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-02-133-120925-SIM



Tgt Ion: 95 Resp: 82

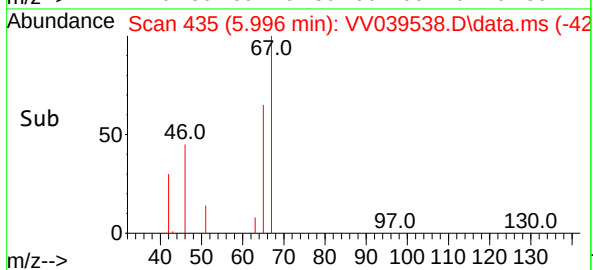
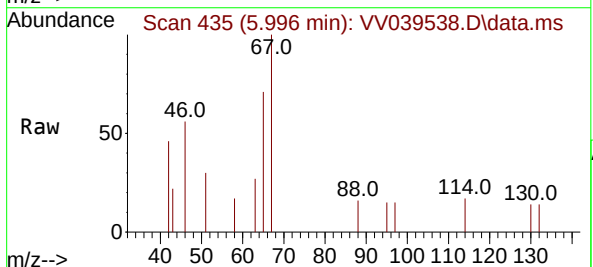
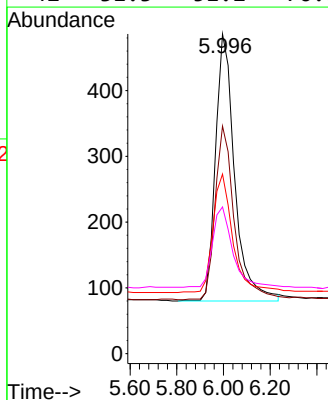
Ion	Ratio	Lower	Upper
95	100		
97	94.3	47.7	88.7#
132	93.2	70.8	131.4
130	94.3	73.5	136.5

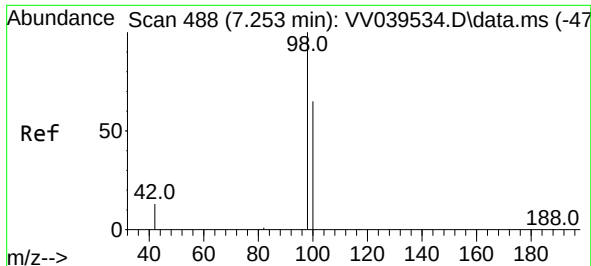


#7
 1,2-Dichloropropane-d6
 Concen: 0.445 ug/L
 RT: 5.996 min Scan# 435
 Delta R.T. -0.023 min
 Lab File: VV039538.D
 Acq: 11 Dec 2025 13:46

Tgt Ion: 67 Resp: 2319

Ion	Ratio	Lower	Upper
67	100		
65	65.0	37.9	56.9#
46	45.8	27.4	41.0#
42	31.3	51.2	76.8#

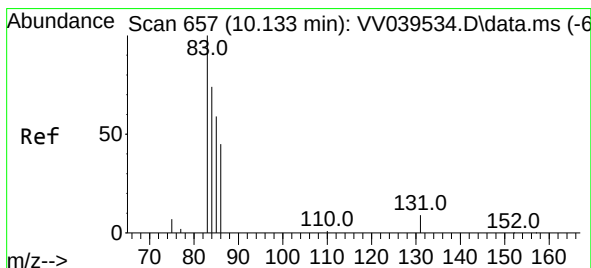
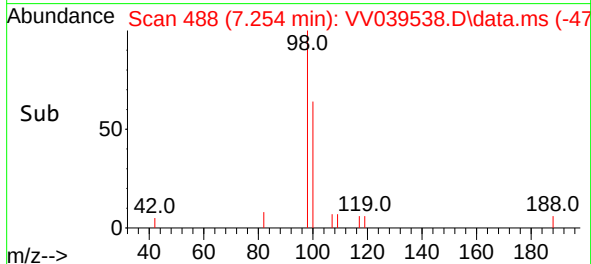
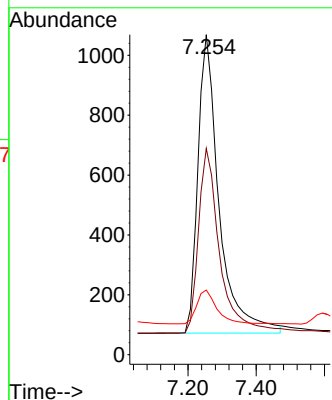
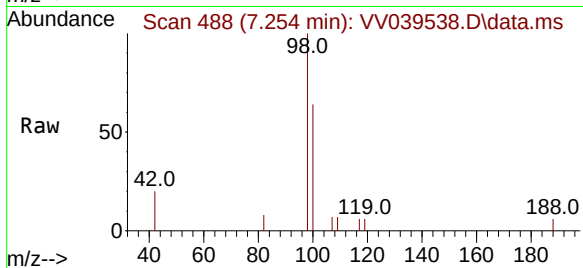




#8
Toluene-d8
Concen: 0.488 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

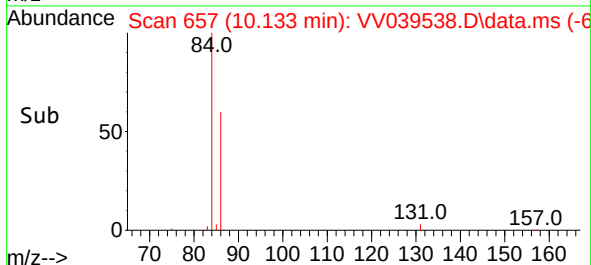
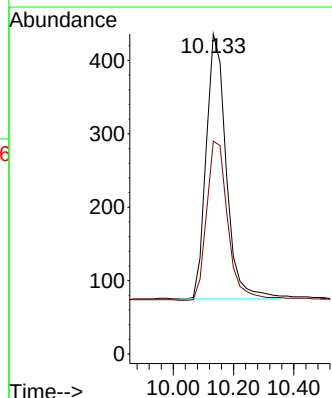
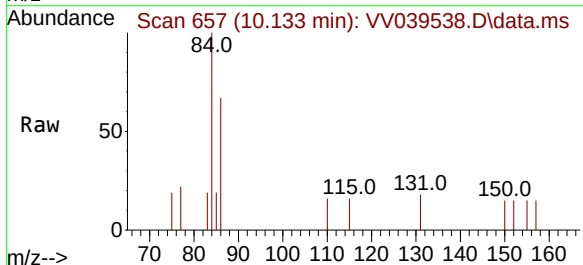
Instrument :
MSVOA_V
ClientSampleId :
BR-02-133-120925-SIM

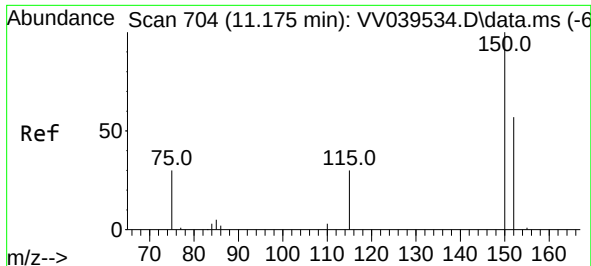
Tgt Ion: 98 Resp: 4292
Ion Ratio Lower Upper
98 100
100 62.0 44.5 82.7
42 10.8 10.1 18.7



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.567 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

Tgt Ion: 84 Resp: 1666
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.5





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 704

Delta R.T. 0.022 min

Lab File: VV039538.D

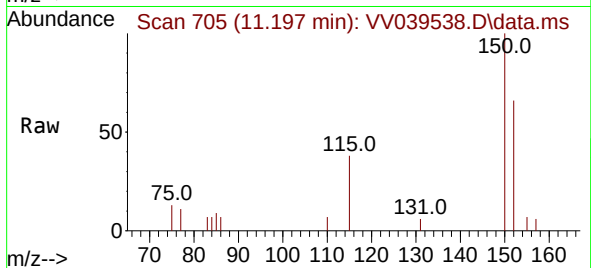
Acq: 11 Dec 2025 13:46

Instrument :

MSVOA_V

ClientSampleId :

BR-02-133-120925-SIM



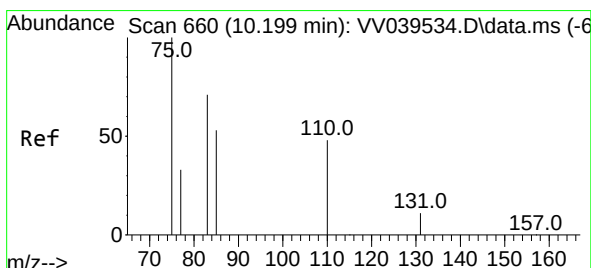
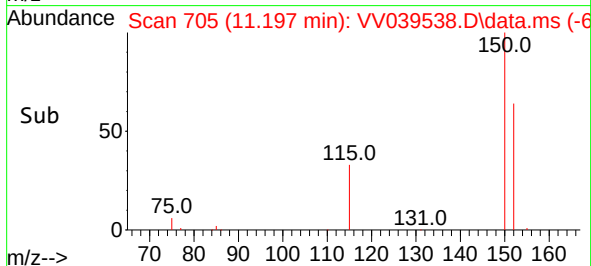
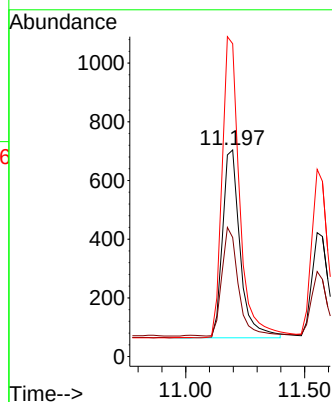
Tgt Ion:152 Resp: 3284

Ion Ratio Lower Upper

152 100

115 54.1 0.0 101.6

150 159.1 0.0 396.2



#13

1,2,3-Trichloropropane

Concen: 0.036 ug/L

RT: 10.288 min Scan# 664

Delta R.T. 0.089 min

Lab File: VV039538.D

Acq: 11 Dec 2025 13:46

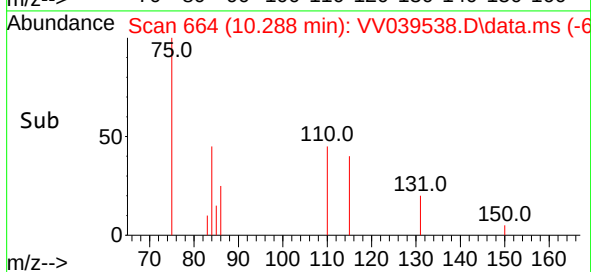
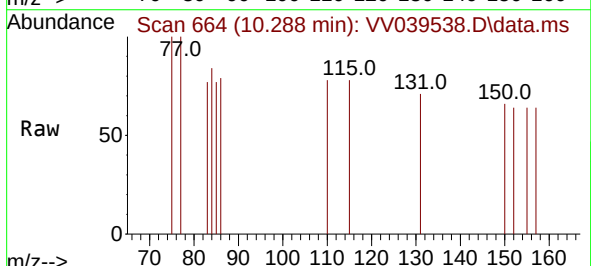
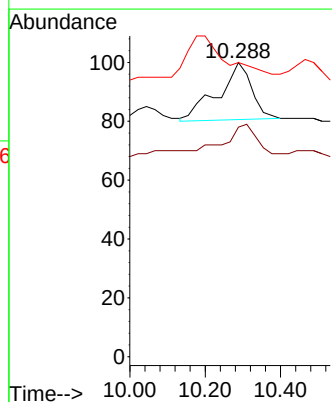
Tgt Ion: 75 Resp: 121

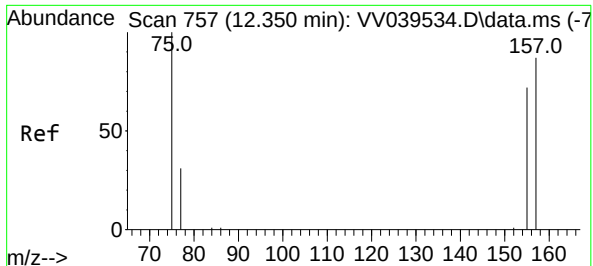
Ion Ratio Lower Upper

75 100

110 70.2 37.8 56.6#

77 82.6 25.6 38.4#





#14

1,2-Dibromo-3-chloropropane

Concen: 0.033 ug/L

RT: 12.373 min Scan# 75

Delta R.T. 0.022 min

Lab File: VV039538.D

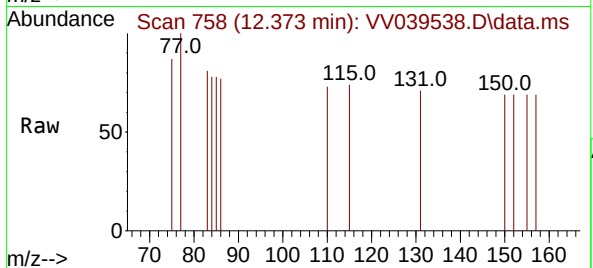
Acq: 11 Dec 2025 13:46

Instrument :

MSVOA_V

ClientSampleId :

BR-02-133-120925-SIM



Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

157 79.5 67.8 101.6

155 79.5 61.9 92.9

