

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039505.D
 Acq On : 09 Dec 2025 15:42
 Operator : SY/MD
 Sample : Q3757-11
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EB01-120325

Quant Time: Dec 10 01:17:02 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)

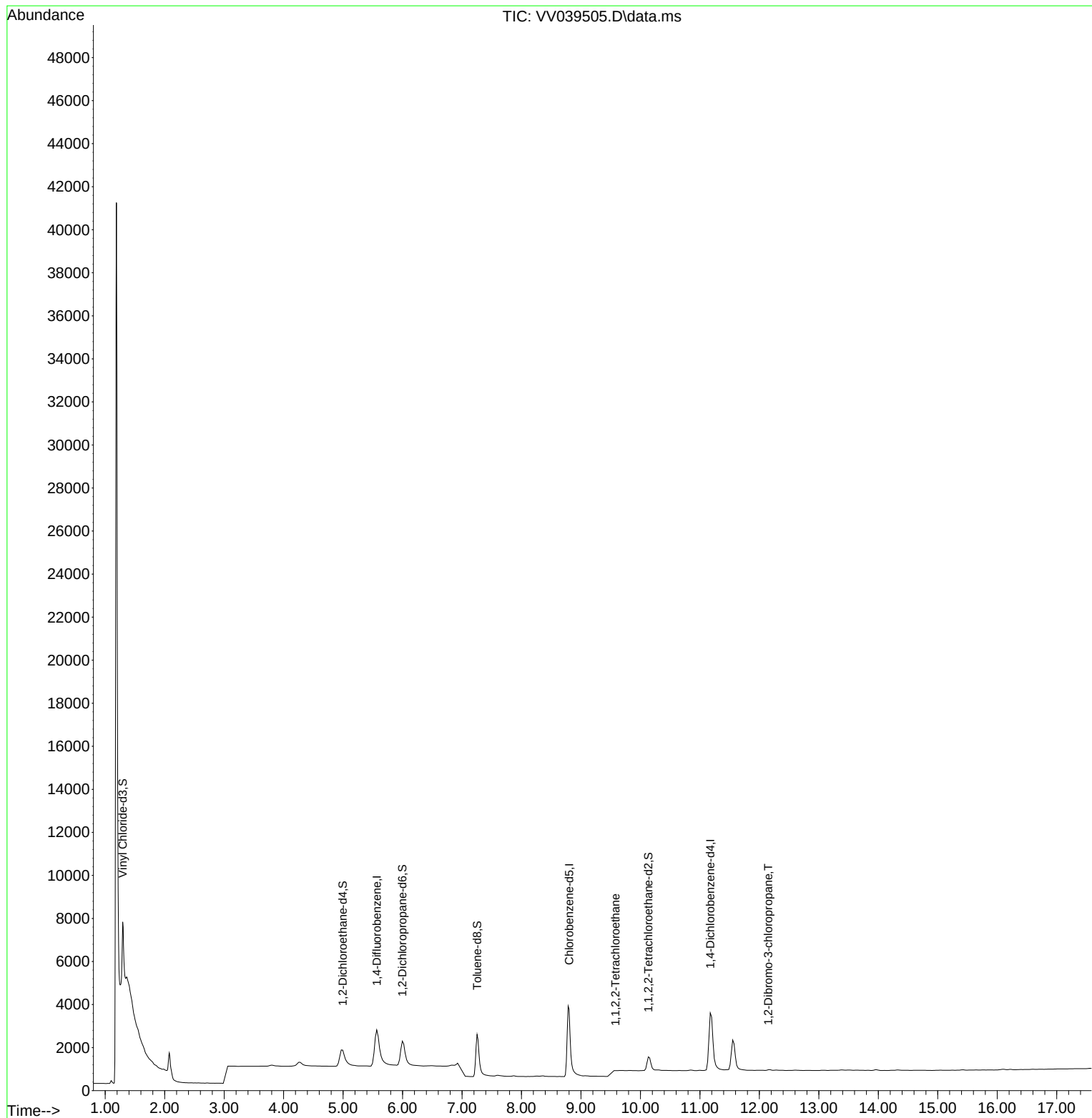
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7363	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	7248	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3880	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	4131	0.571	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.993	65	2156	0.440	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
7) 1,2-Dichloropropane-d6	5.995	67	2490	0.407	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.253	98	4676	0.453	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1813	0.526	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.578	83	336	0.046	ug/L #	1
14) 1,2-Dibromo-3-chloropr...	12.151	75	113	0.137	ug/L #	80

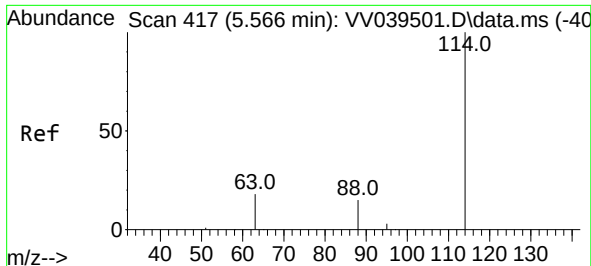
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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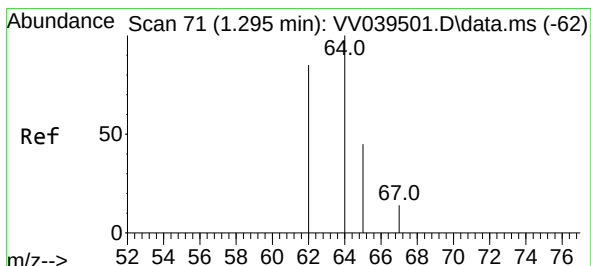
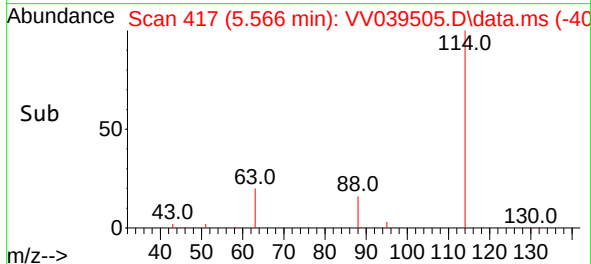
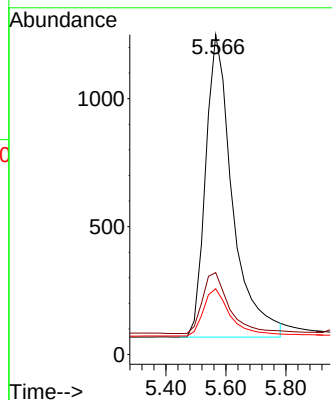
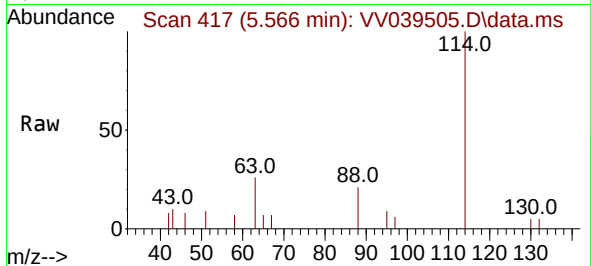




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

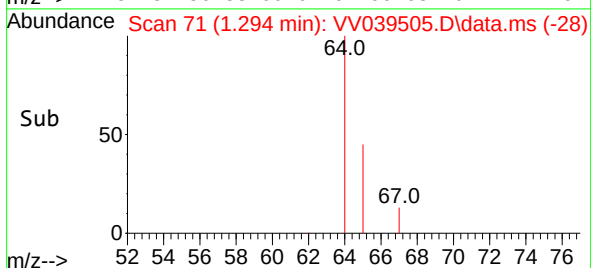
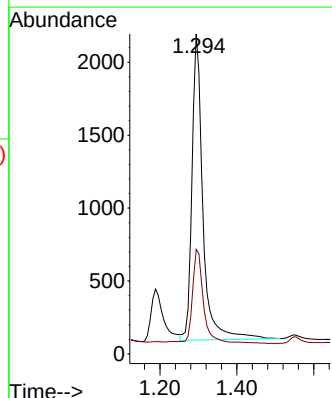
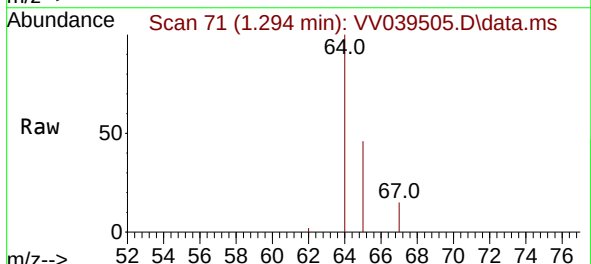
Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

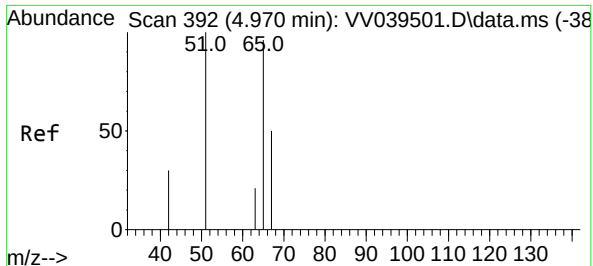
Tgt Ion:	114	Resp:	7363
Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.0	22.4
88	15.9	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.571 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

Tgt Ion:	65	Resp:	4131
Ion	Ratio	Lower	Upper
65	100		
67	31.8	22.3	41.5

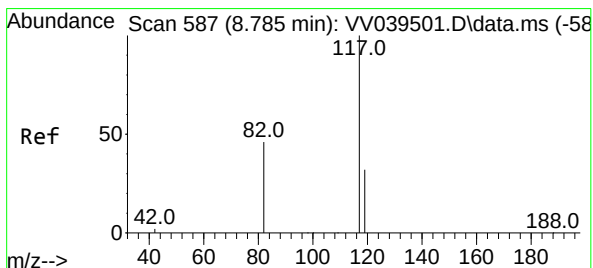
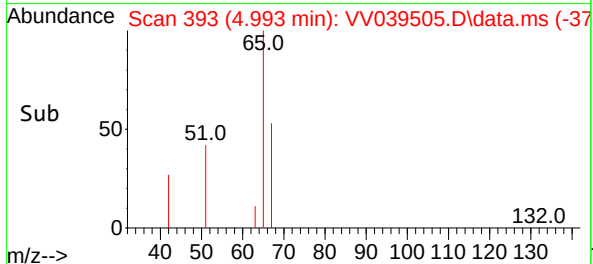
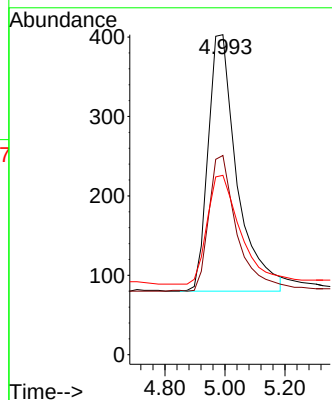
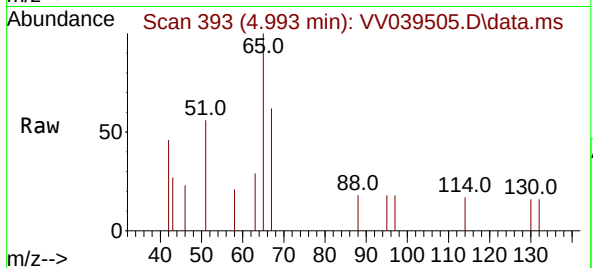




#4
1,2-Dichloroethane-d4
Concen: 0.440 ug/L
RT: 4.993 min Scan# 393
Delta R.T. 0.024 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

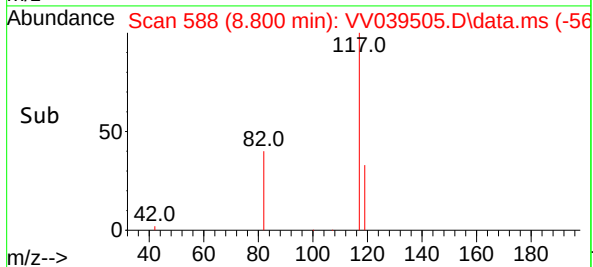
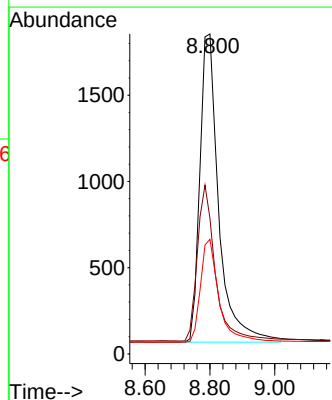
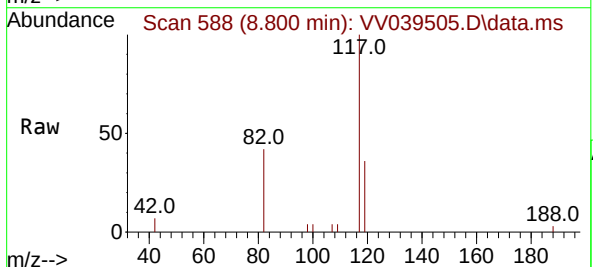
Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

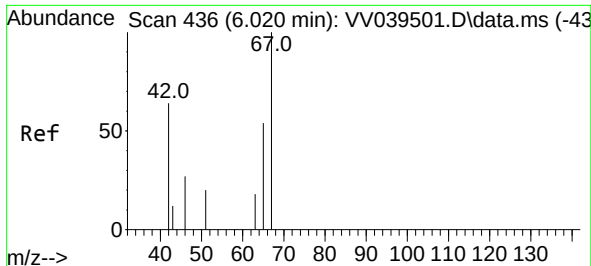
Tgt Ion: 65 Resp: 2156
Ion Ratio Lower Upper
65 100
67 51.6 32.5 60.3
51 48.7 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 117 Resp: 7248
Ion Ratio Lower Upper
117 100
82 48.4 39.4 59.2
119 32.6 26.2 39.2

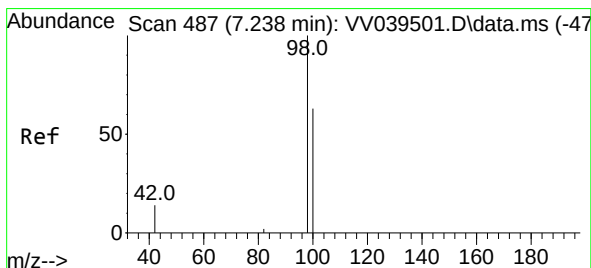
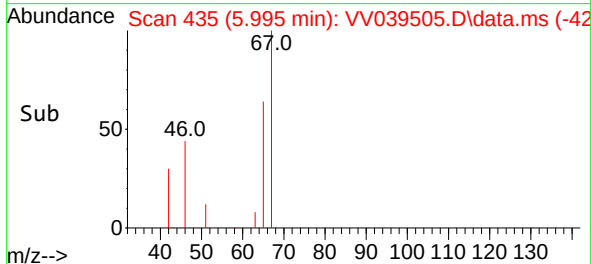
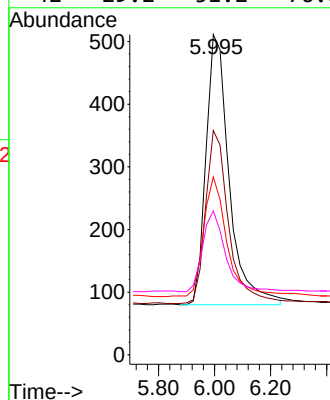
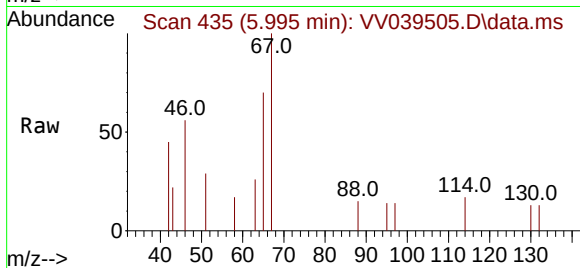




#7
1,2-Dichloropropane-d6
Concen: 0.407 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

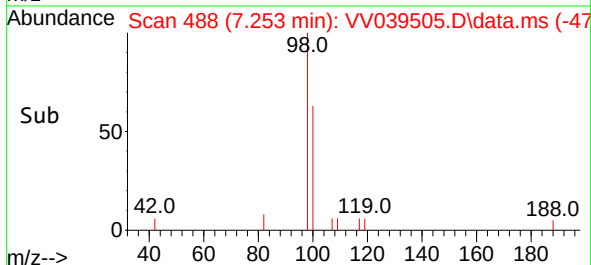
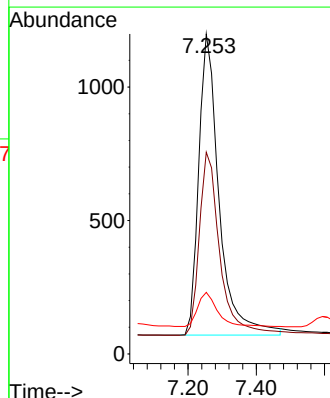
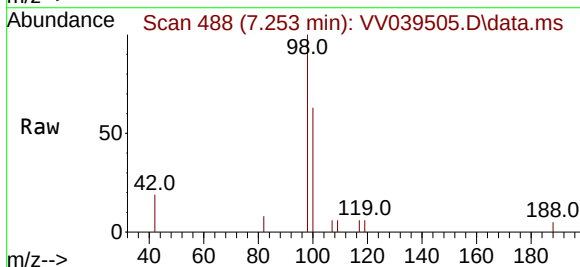
Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

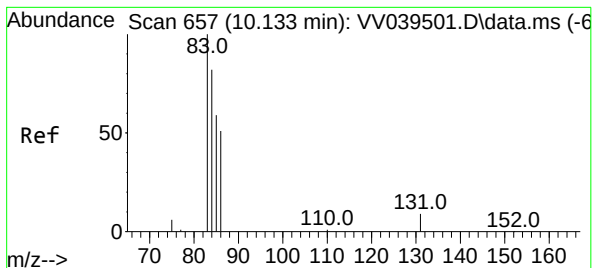
Tgt Ion:	67	Resp:	2490
Ion	Ratio	Lower	Upper
67	100		
65	63.0	37.9	56.9#
46	44.3	27.4	41.0#
42	29.2	51.2	76.8#



#8
Toluene-d8
Concen: 0.453 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

Tgt Ion:	98	Resp:	4676
Ion	Ratio	Lower	Upper
98	100		
100	61.2	44.5	82.7
42	10.9	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.526 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039505.D

Acq: 09 Dec 2025 15:42

Instrument :

MSVOA_V

ClientSampleId :

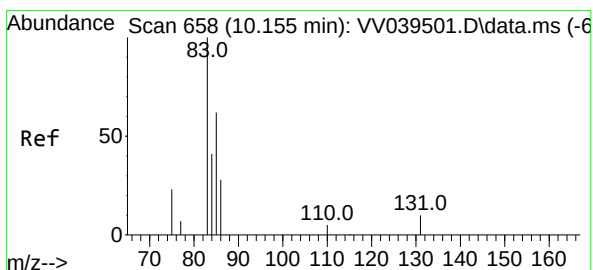
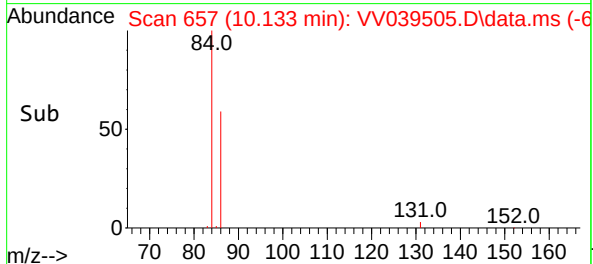
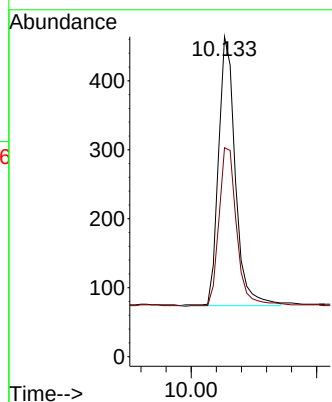
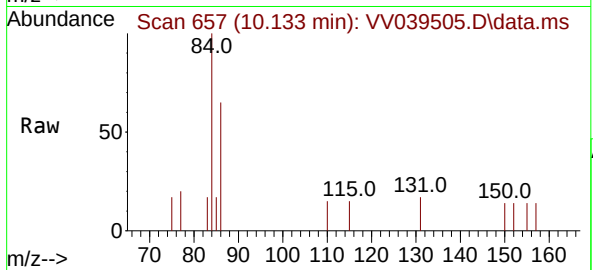
EB01-120325

Tgt Ion: 84 Resp: 1813

Ion Ratio Lower Upper

84 100

86 62.5 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.046 ug/L

RT: 9.578 min Scan# 632

Delta R.T. -0.577 min

Lab File: VV039505.D

Acq: 09 Dec 2025 15:42

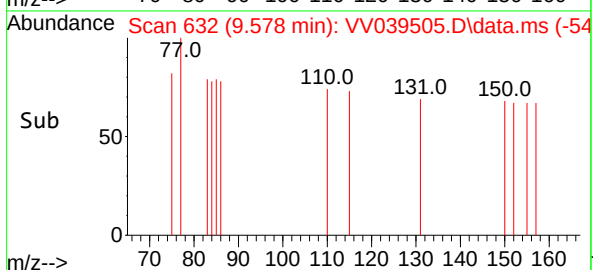
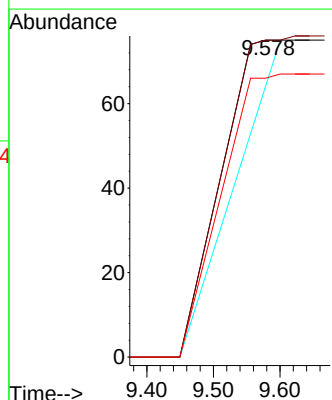
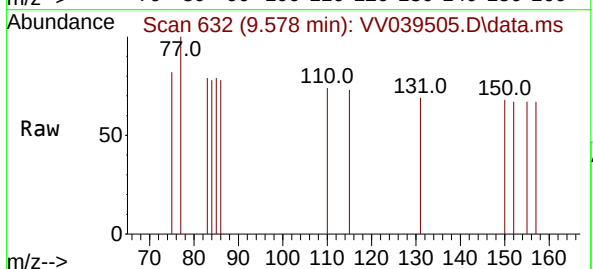
Tgt Ion: 83 Resp: 336

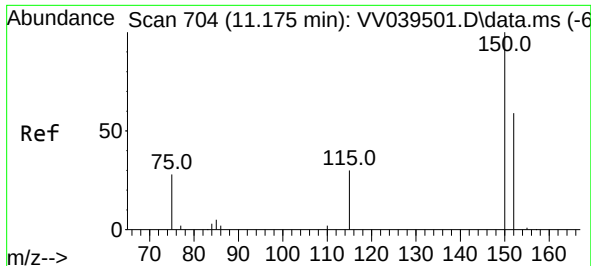
Ion Ratio Lower Upper

83 100

85 666.1 51.0 76.6#

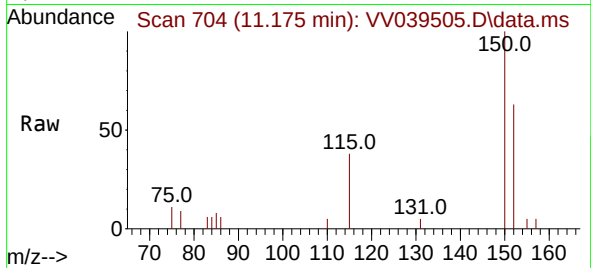
131 347.3 8.6 12.8#



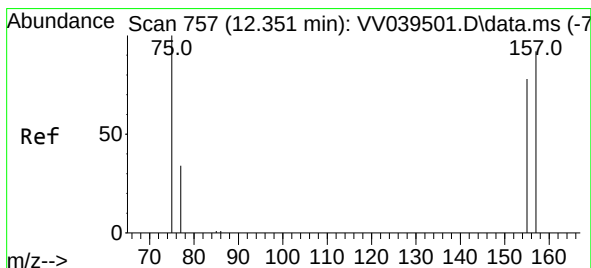
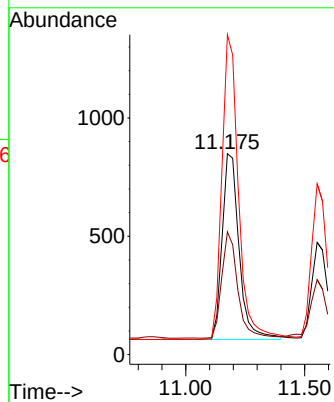
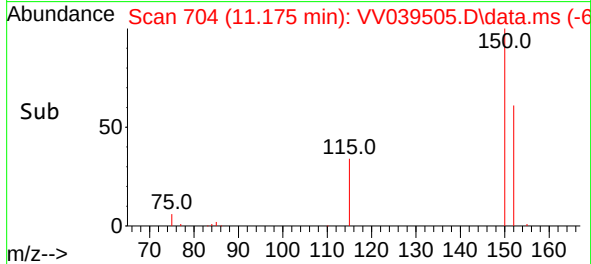


#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.175 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VV039505.D
 Acq: 09 Dec 2025 15:42

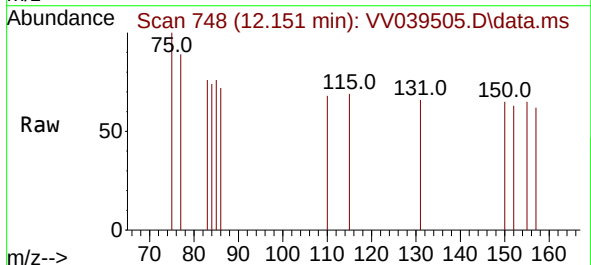
Instrument :
 MSVOA_V
 ClientSampleId :
 EB01-120325



Tgt Ion:152 Resp: 3880
 Ion Ratio Lower Upper
 152 100
 115 54.2 0.0 101.6
 150 159.1 0.0 396.2



#14
 1,2-Dibromo-3-chloropropane
 Concen: 0.137 ug/L
 RT: 12.151 min Scan# 748
 Delta R.T. -0.200 min
 Lab File: VV039505.D
 Acq: 09 Dec 2025 15:42



Tgt Ion: 75 Resp: 113
 Ion Ratio Lower Upper
 75 100
 157 62.1 67.8 101.6#
 155 65.0 61.9 92.9

