

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039084.D
 Acq On : 15 Sep 2025 17:07
 Operator : SY/MD
 Sample : Q3084-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 02:25:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

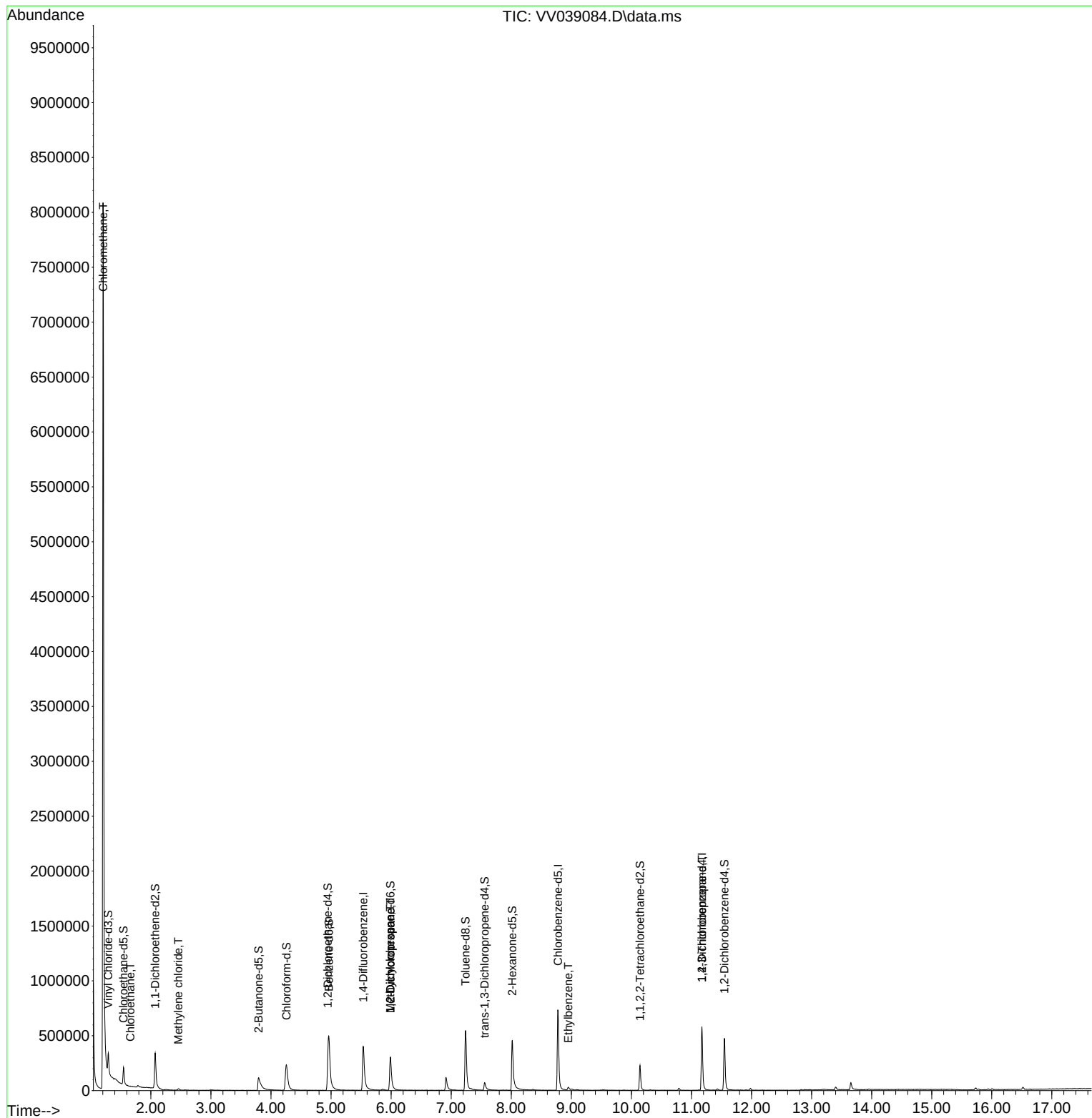
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	405653	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	431289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	155992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	150412	4.701	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.545	69	128672	4.641	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.073	65	65919	4.325	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.400%	
20) 2-Butanone-d5	3.793	46	207509	43.669	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.340%	
24) Chloroform-d	4.256	84	293547	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	4.947	65	123399	4.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	4.963	84	523829	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	5.989	67	164501	4.663	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.240	98	408531	3.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	7.558	79	49979	3.874	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.018	63	175661	42.054	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.100%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	116583	4.629	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	11.548	152	130952	5.215	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.204	50	72055	1.725	ug/L #	69
8) Chloroethane	1.658	64	4809	0.174	ug/L #	52
16) Methylene chloride	2.458	84	7131	0.190	ug/L	91
35) Methylcyclohexane	5.986	83	42097	0.735	ug/L #	18
37) 1,2-Dichloropropane	5.989	63	18543	0.527	ug/L #	87
52) Ethylbenzene	8.950	91	21757	0.149	ug/L	99
61) 1,2,3-Trichloropropane	11.175	75	19750	1.503	ug/L #	64

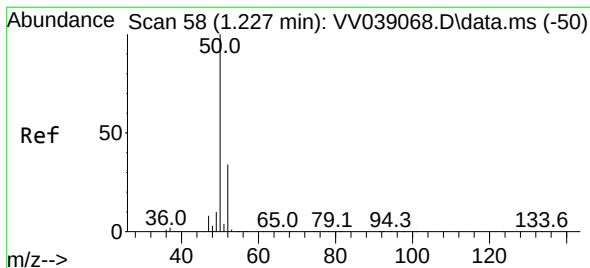
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 16 02:04:20 2025
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.725 ug/L

RT: 1.204 min Scan# 51

Delta R.T. -0.022 min

Lab File: VV039084.D

Acq: 15 Sep 2025 17:07

Instrument :

MSVOA_V

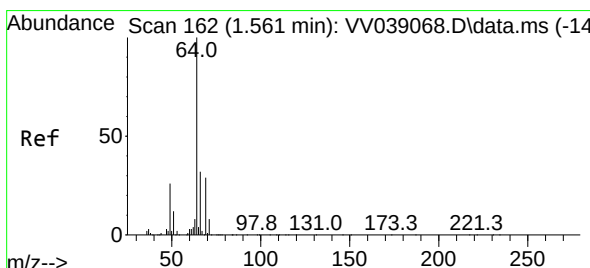
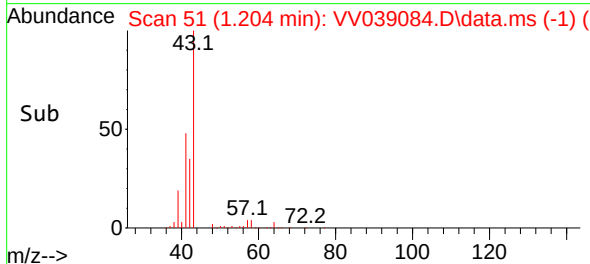
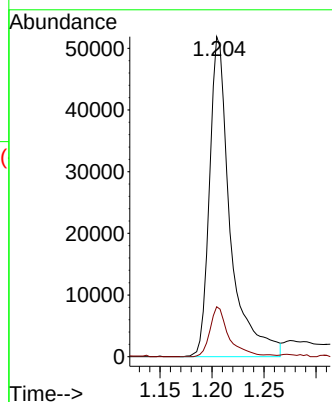
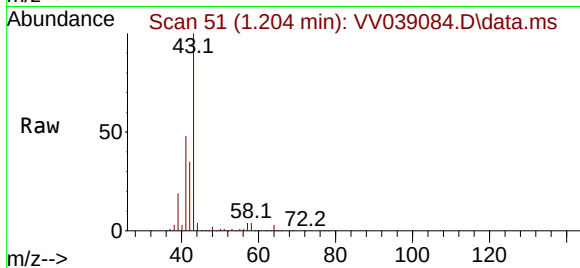
ClientSampleId :

Tgt Ion: 50 Resp: 72055

Ion Ratio Lower Upper

50 100

52 15.6 23.4 43.6#



#8

Chloroethane

Concen: 0.174 ug/L

RT: 1.658 min Scan# 192

Delta R.T. 0.097 min

Lab File: VV039084.D

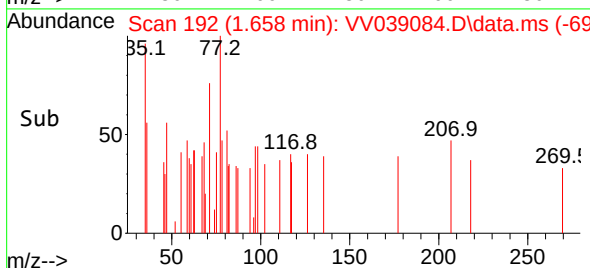
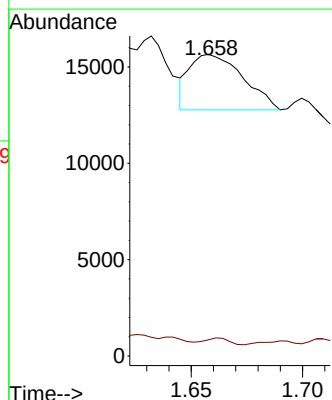
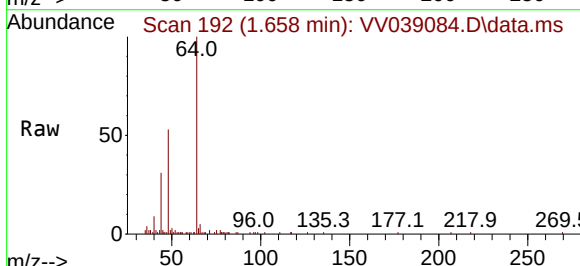
Acq: 15 Sep 2025 17:07

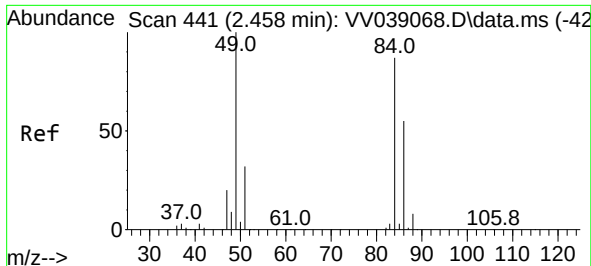
Tgt Ion: 64 Resp: 4809

Ion Ratio Lower Upper

64 100

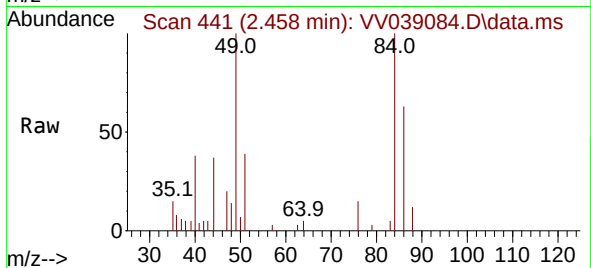
66 5.3 22.3 41.5#



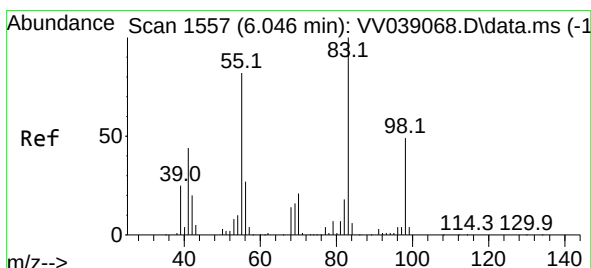
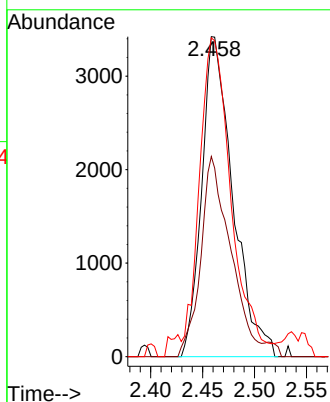
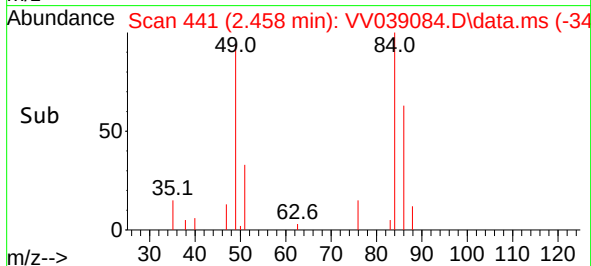


#16
Methylene chloride
Concen: 0.190 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV039084.D
Acq: 15 Sep 2025 17:07

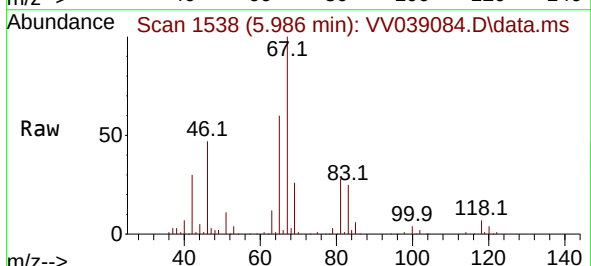
Instrument :
MSVOA_V
ClientSampleId :



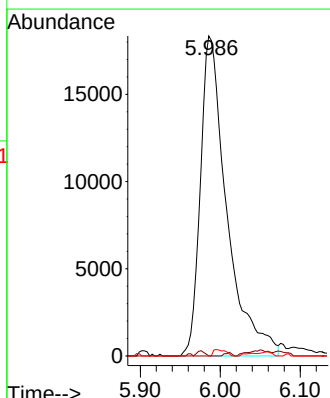
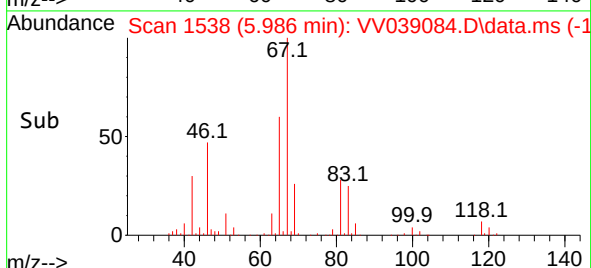
Tgt Ion: 84 Resp: 7131
Ion Ratio Lower Upper
84 100
86 62.5 44.2 82.2
49 99.6 80.6 149.6

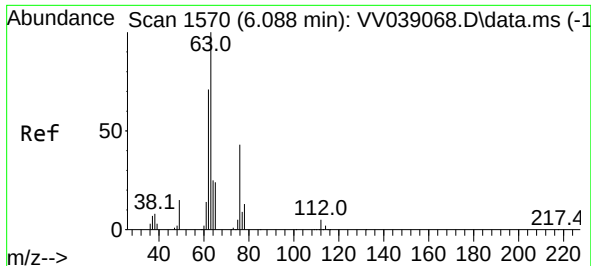


#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV039084.D
Acq: 15 Sep 2025 17:07



Tgt Ion: 83 Resp: 42097
Ion Ratio Lower Upper
83 100
55 0.5 61.4 92.2#
98 0.0 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.099 min

Lab File: VV039084.D

Acq: 15 Sep 2025 17:07

Instrument :

MSVOA_V

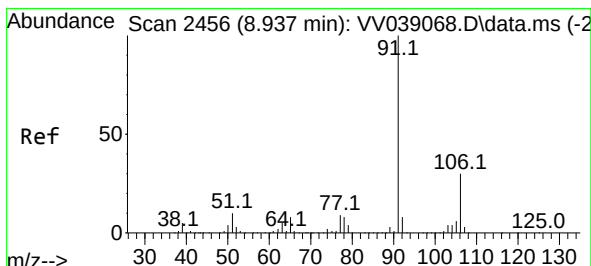
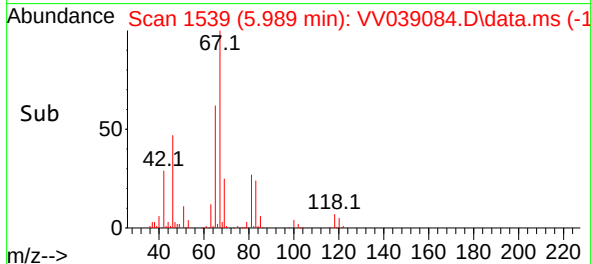
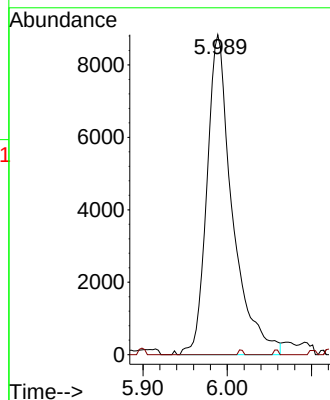
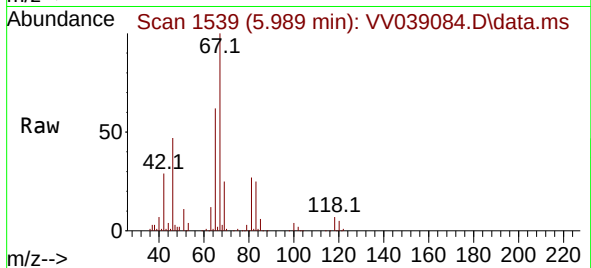
ClientSampleId :

Tgt Ion: 63 Resp: 18543

Ion Ratio Lower Upper

63 100

112 0.3 3.6 5.4#



#52

Ethylbenzene

Concen: 0.149 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.013 min

Lab File: VV039084.D

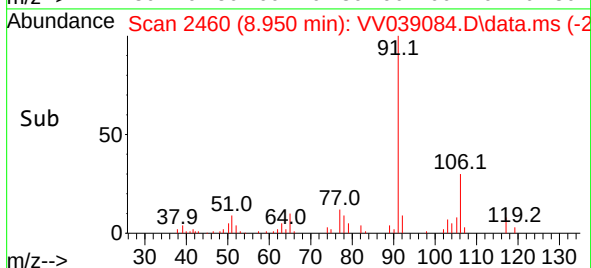
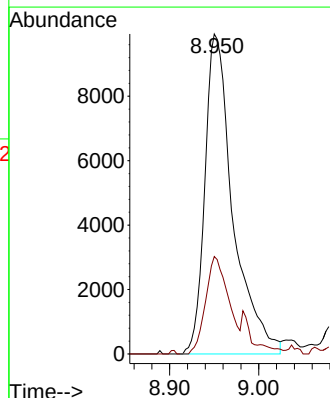
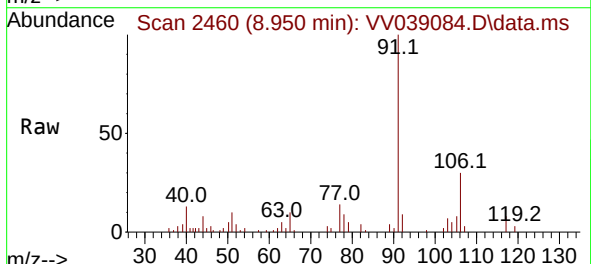
Acq: 15 Sep 2025 17:07

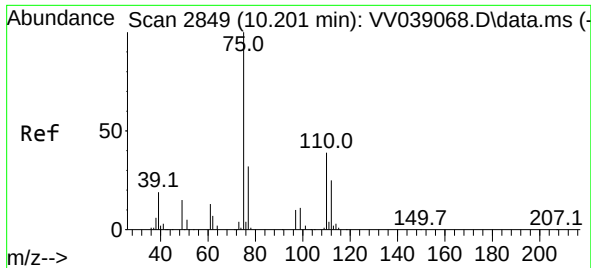
Tgt Ion: 91 Resp: 21757

Ion Ratio Lower Upper

91 100

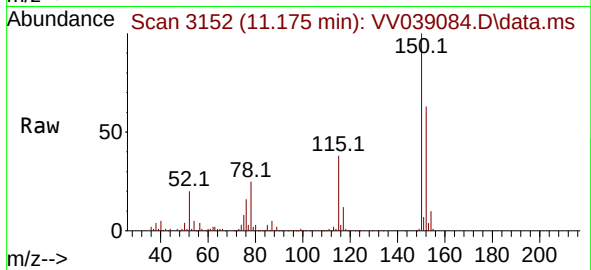
106 30.5 20.8 38.6





#61
 1,2,3-Trichloropropane
 Concen: 1.503 ug/L
 RT: 11.175 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV039084.D
 Acq: 15 Sep 2025 17:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	19750
Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.1	37.7
110	3.9	31.0	46.4#

