

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030157.D
 Acq On : 10 Mar 2023 16:02
 Operator : SY/MD
 Sample : 01838-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK002

Quant Time: Mar 11 00:07:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 11 00:01:55 2023
 Response via : Initial Calibration

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

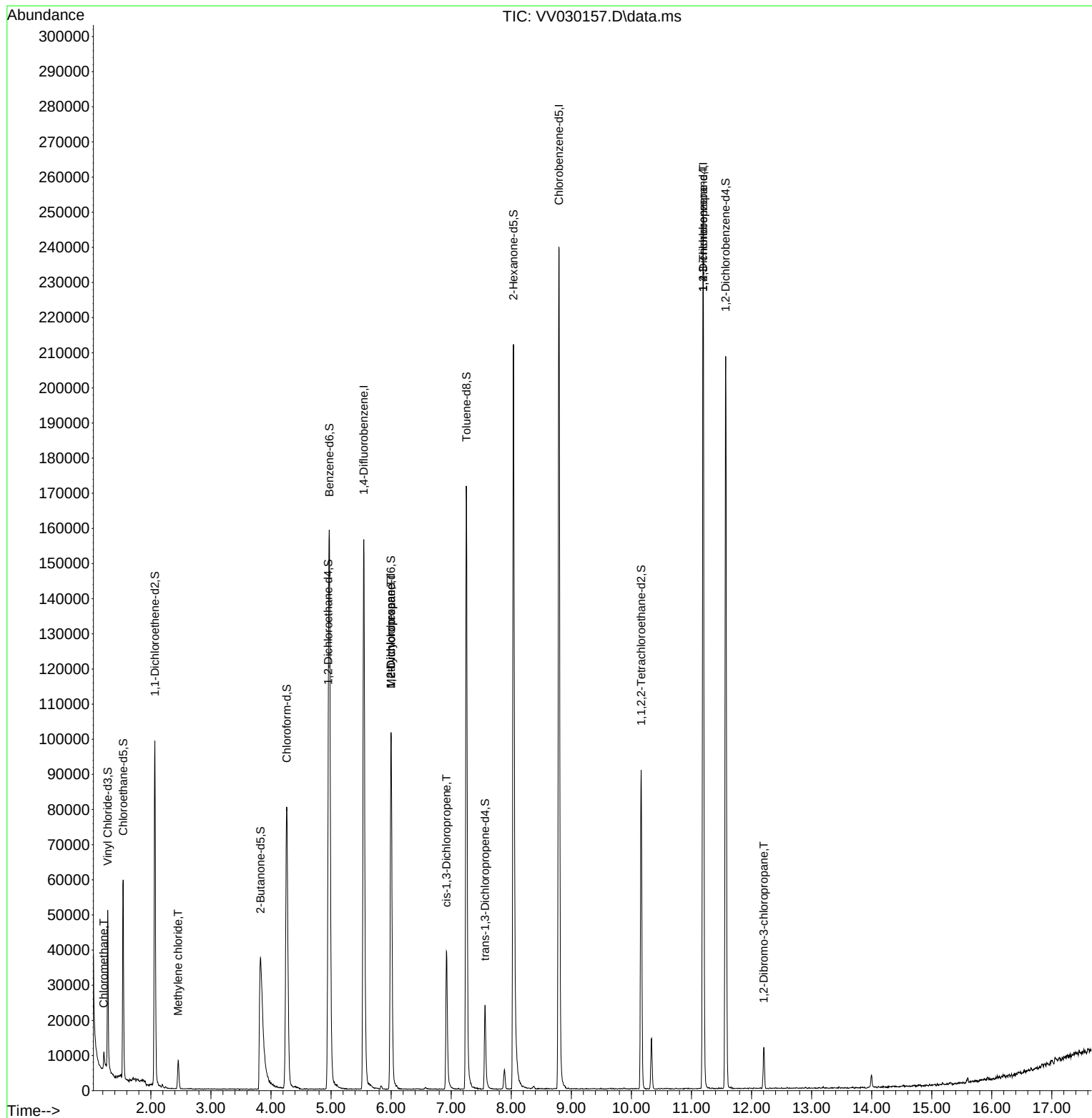
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	143263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	144435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	30356	3.275	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.400%	
7) Chloroethane-d5	1.539	69	36846	4.234	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.066	63	52813	2.771	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.400%#	
20) 2-Butanone-d5	3.825	46	92141	53.913	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.820%	
24) Chloroform-d	4.262	84	93151	4.919	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	4.953	65	41068	5.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	4.973	84	155254	3.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	5.998	67	54444	4.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.252	98	124560	3.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.600%#	
43) trans-1,3-Dichloroprop...	7.564	79	16174	4.043	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.037	63	83694	50.573	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.140%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46037	5.535	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.600%	
66) 1,2-Dichlorobenzene-d4	11.571	152	58713	4.787	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3105	0.169	ug/L	97
16) Methylene chloride	2.455	84	3580	0.305	ug/L	94
35) Methylcyclohexane	5.998	83	13127	0.785	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5513	0.549	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1035	0.070	ug/L #	42
61) 1,2,3-Trichloropropane	11.194	75	6960	1.434	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.204	75	300	0.277	ug/L #	1

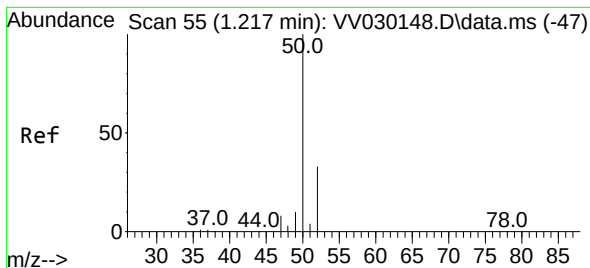
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.169 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030157.D

Acq: 10 Mar 2023 16:02

Instrument :

MSVOA_V

ClientSampleId :

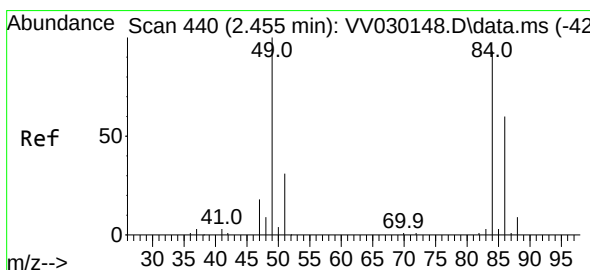
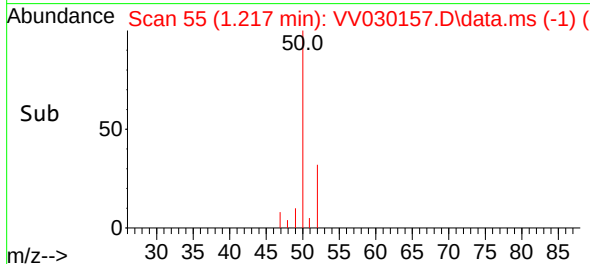
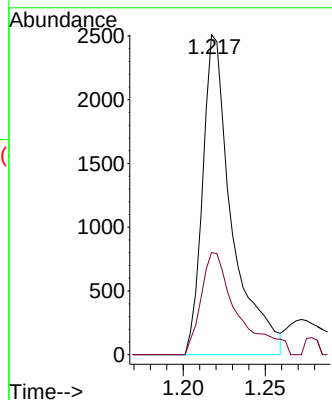
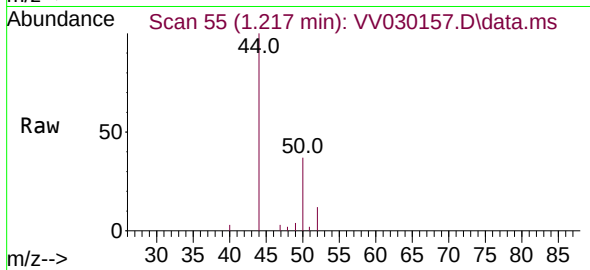
VHBLK002

Tgt Ion: 50 Resp: 3105

Ion Ratio Lower Upper

50 100

52 31.9 23.6 43.8



#16

Methylene chloride

Concen: 0.305 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.000 min

Lab File: VV030157.D

Acq: 10 Mar 2023 16:02

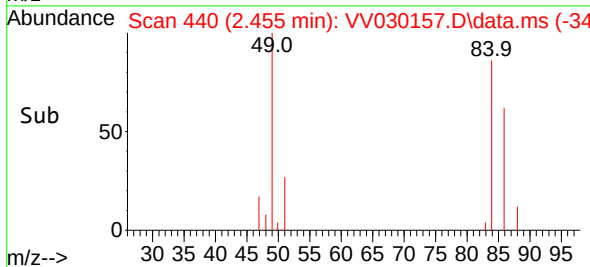
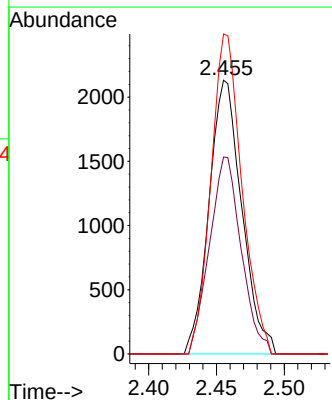
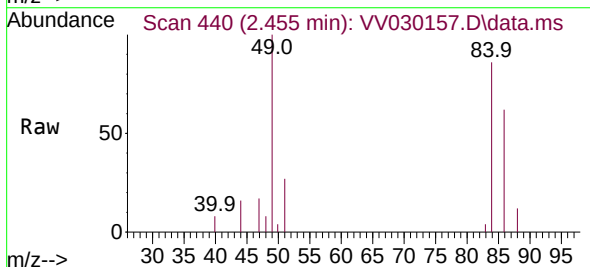
Tgt Ion: 84 Resp: 3580

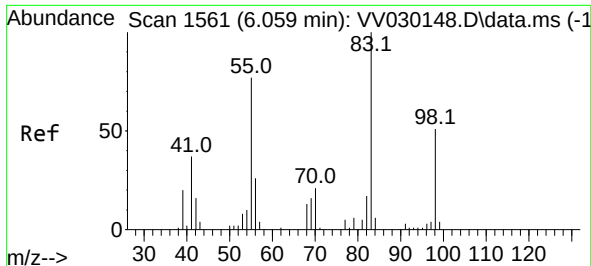
Ion Ratio Lower Upper

84 100

86 72.0 44.7 83.1

49 116.9 78.8 146.3

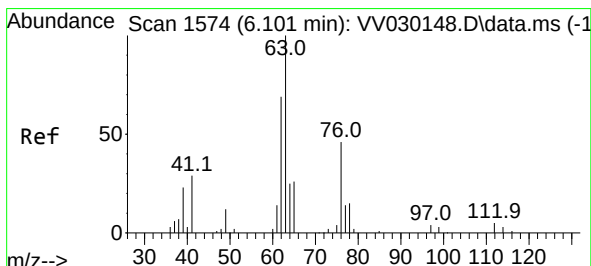
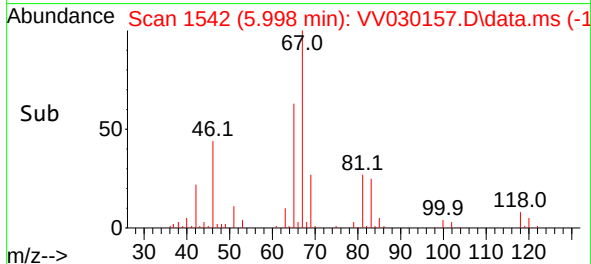
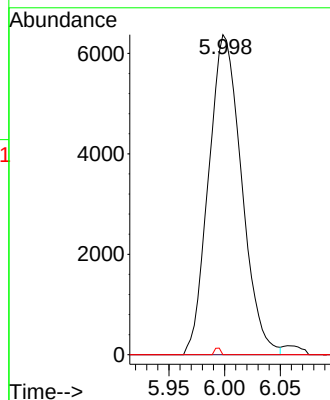
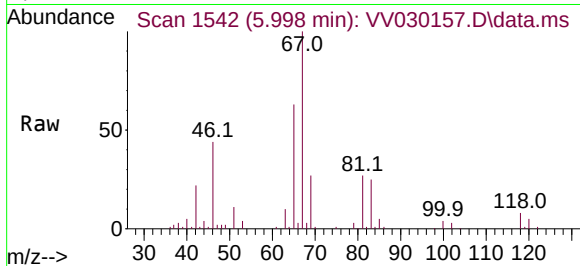




#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030157.D
Acq: 10 Mar 2023 16:02

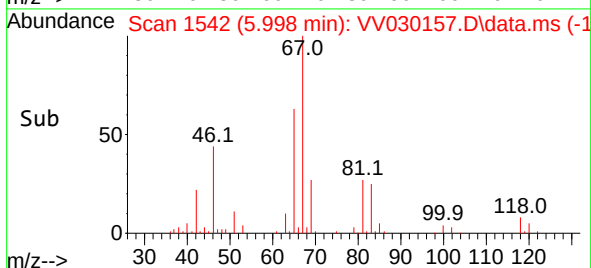
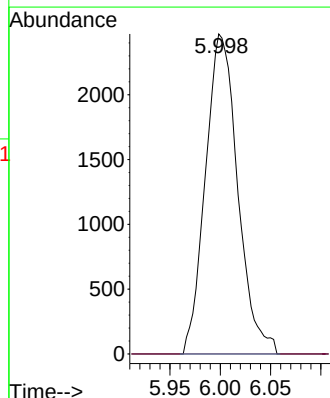
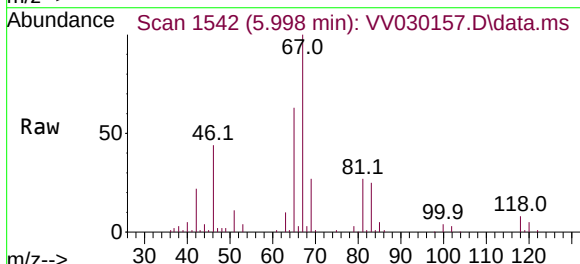
Instrument :
MSVOA_V
ClientSampleId :
VHBLK002

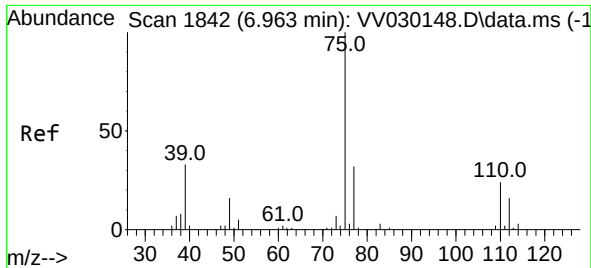
Tgt Ion: 83	Resp:	13127
Ion Ratio	Lower	Upper
83	100	
55	0.0	57.6 86.4#
98	0.4	38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030157.D
Acq: 10 Mar 2023 16:02

Tgt Ion: 63	Resp:	5513
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030157.D

Acq: 10 Mar 2023 16:02

Instrument :

MSVOA_V

ClientSampleId :

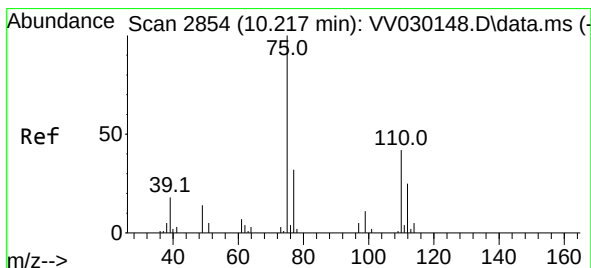
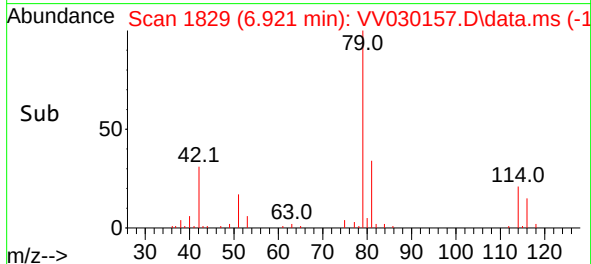
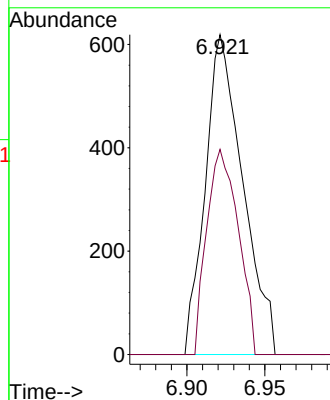
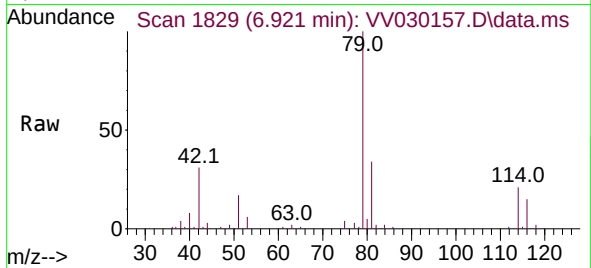
VHBLK002

Tgt Ion: 75 Resp: 1035

Ion Ratio Lower Upper

75 100

77 64.1 22.3 41.3#



#61

1,2,3-Trichloropropane

Concen: 1.434 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030157.D

Acq: 10 Mar 2023 16:02

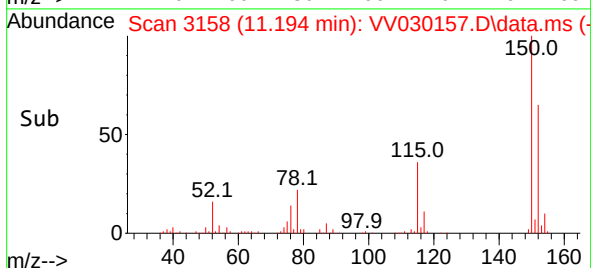
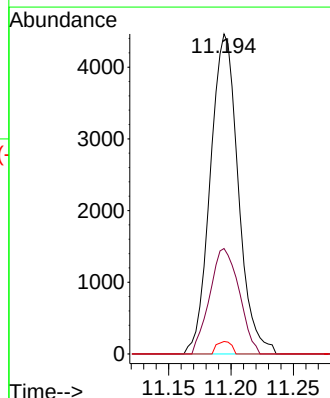
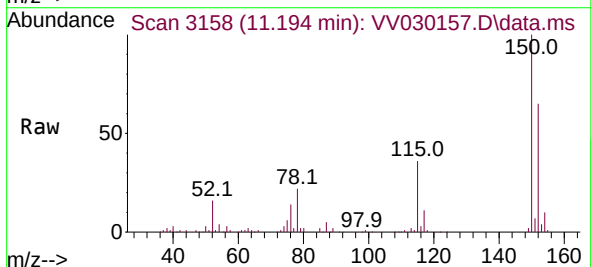
Tgt Ion: 75 Resp: 6960

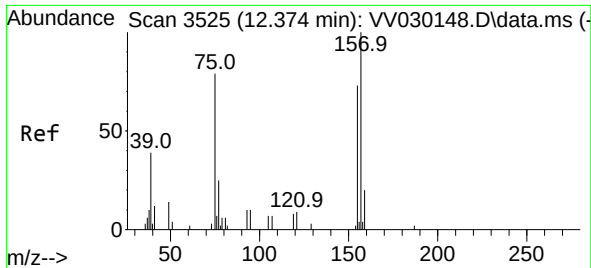
Ion Ratio Lower Upper

75 100

77 34.7 26.5 39.7

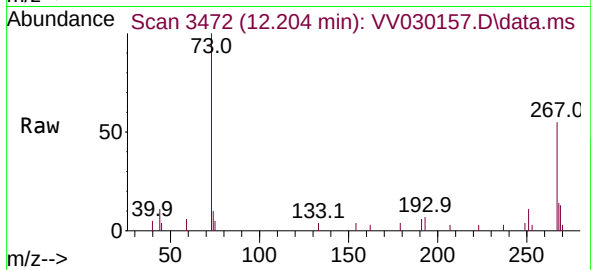
110 2.1 31.8 47.6#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.277 ug/L
RT: 12.204 min Scan# 34
Delta R.T. -0.170 min
Lab File: VV030157.D
Acq: 10 Mar 2023 16:02

Instrument :
MSVOA_V
ClientSampleId :
VHBLK002



Tgt Ion: 75 Resp: 300
Ion Ratio Lower Upper
75 100
155 0.0 79.1 118.7#
157 0.0 95.5 143.3#

