

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032522\
 Data File : VV025186.D
 Acq On : 25 Mar 2022 18:26
 Operator : SY/MD
 Sample : N2097-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD8

Quant Time: Mar 25 23:24:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

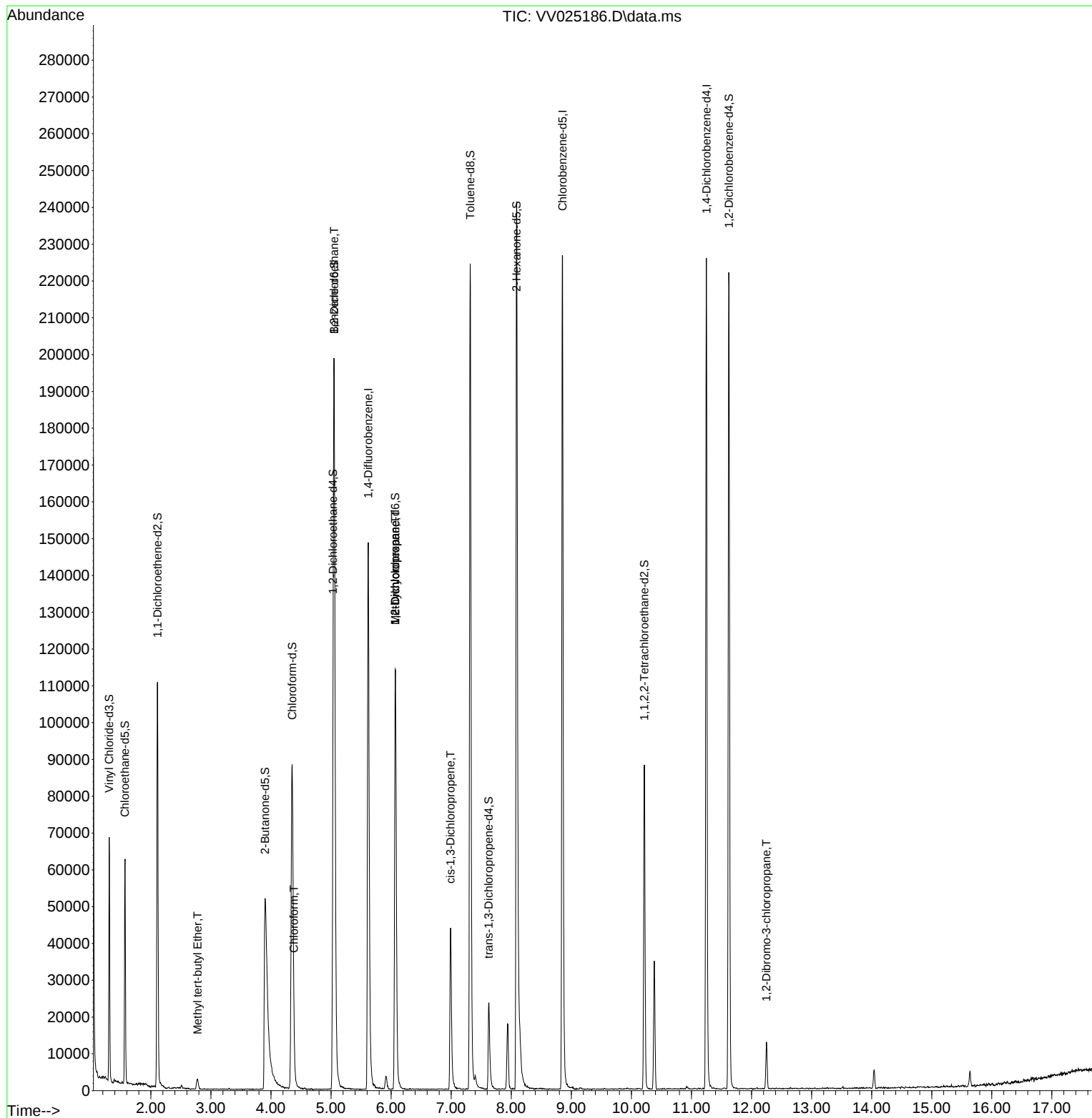
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137575	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41311	3.803	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.000%	
7) Chloroethane-d5	1.568	69	39038	4.908	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.111	63	56539	3.221	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.400%	
20) 2-Butanone-d5	3.902	46	115866	88.270	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	176.540%#	
24) Chloroform-d	4.352	84	98327	5.458	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.200%	
26) 1,2-Dichloroethane-d4	5.034	65	44961	5.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.400%	
32) Benzene-d6	5.053	84	192177	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.069	67	61025	5.445	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.000%	
41) Toluene-d8	7.317	98	158304	4.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16942	4.337	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.088	63	91684	68.801	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	137.600%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45067	6.836	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	136.800%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	60646	5.887	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.800%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.777	73	3570	0.187	ug/L	94
25) Chloroform	4.381	83	1900	0.102	ug/L #	61
27) 1,2-Dichloroethane	5.053	62	930	0.100	ug/L #	71
35) Methylcyclohexane	6.069	83	15046	0.817	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5608	0.558	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1147	0.082	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.246	75	391	0.446	ug/L #	1

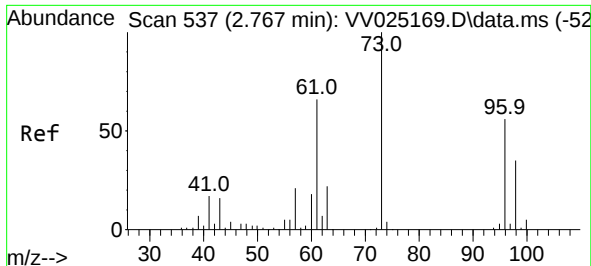
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 25 23:19:44 2022
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.187 ug/L

RT: 2.777 min Scan# 54

Delta R.T. 0.010 min

Lab File: VV025186.D

Acq: 25 Mar 2022 18:26

Instrument :

MSVOA_V

ClientSampleId :

C0AD8

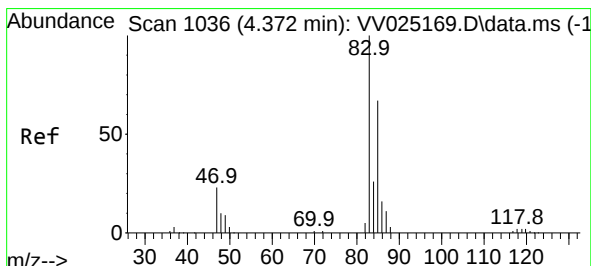
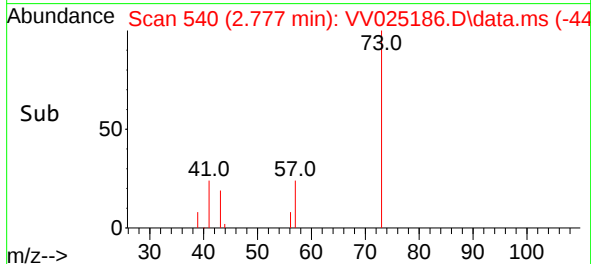
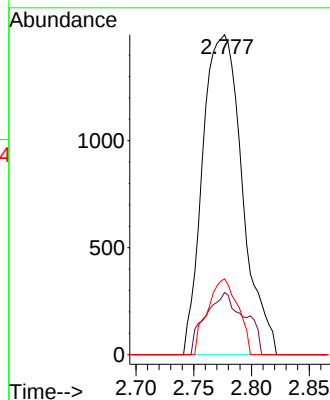
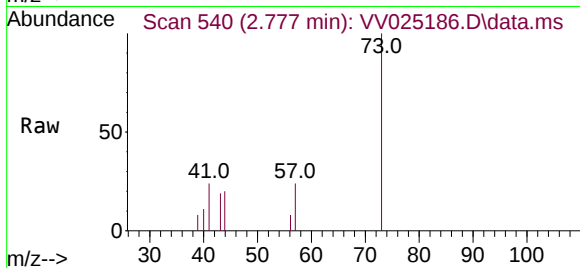
Tgt Ion: 73 Resp: 3570

Ion Ratio Lower Upper

73 100

43 19.2 13.2 19.8

57 18.2 16.7 25.1



#25

Chloroform

Concen: 0.102 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV025186.D

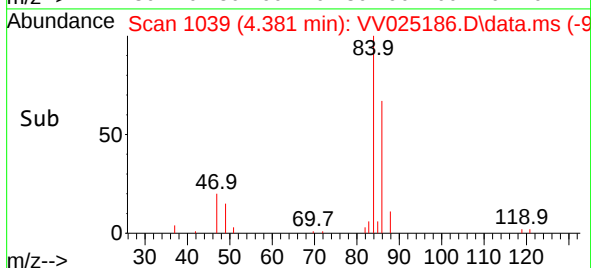
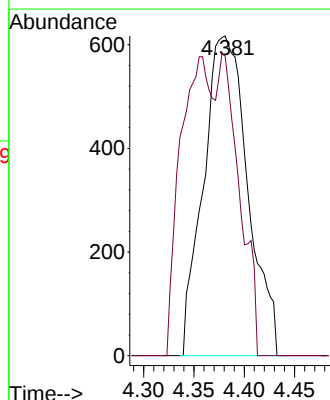
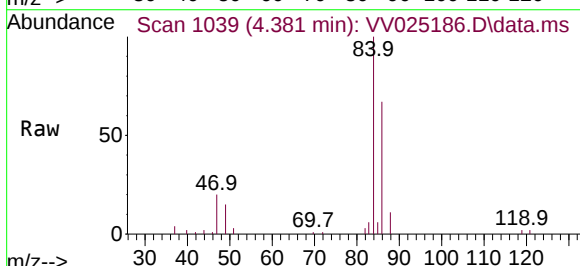
Acq: 25 Mar 2022 18:26

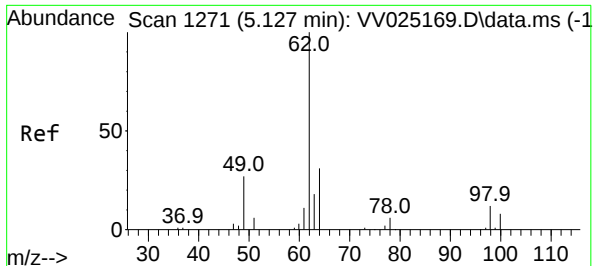
Tgt Ion: 83 Resp: 1900

Ion Ratio Lower Upper

83 100

85 93.7 44.5 82.7#





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV025186.D

Acq: 25 Mar 2022 18:26

Instrument :

MSVOA_V

ClientSampleId :

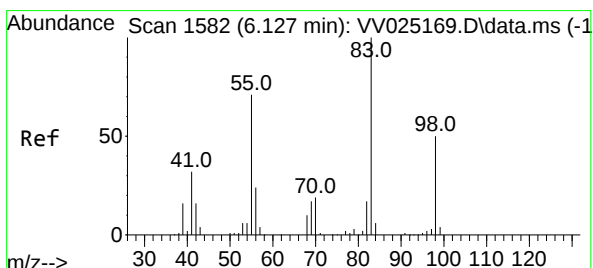
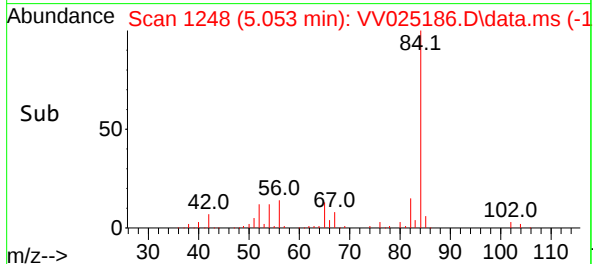
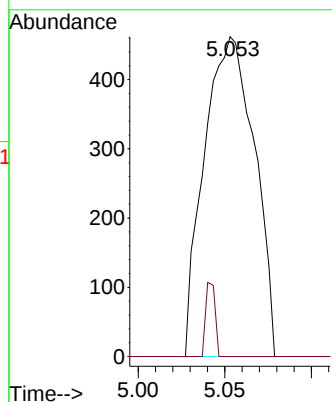
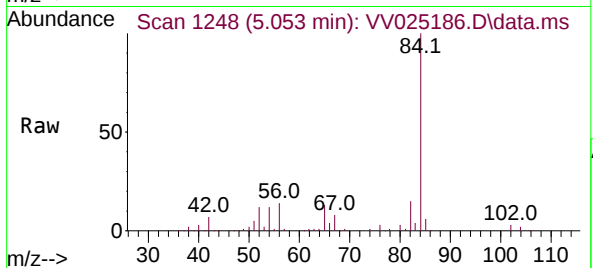
C0AD8

Tgt Ion: 62 Resp: 930

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.817 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025186.D

Acq: 25 Mar 2022 18:26

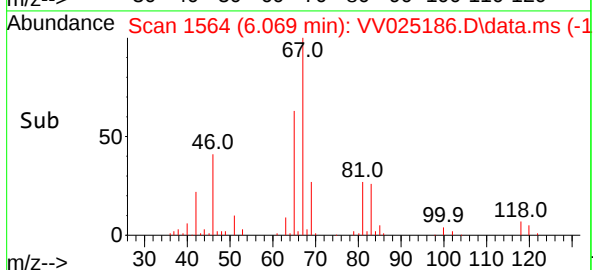
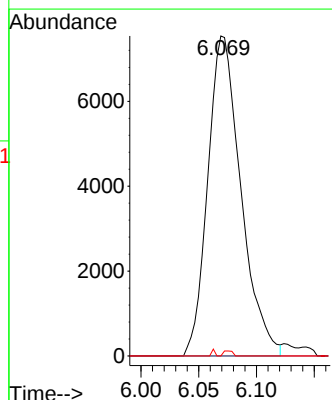
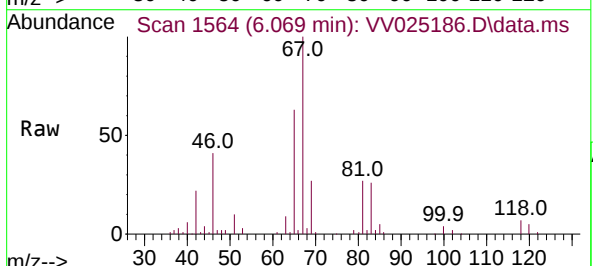
Tgt Ion: 83 Resp: 15046

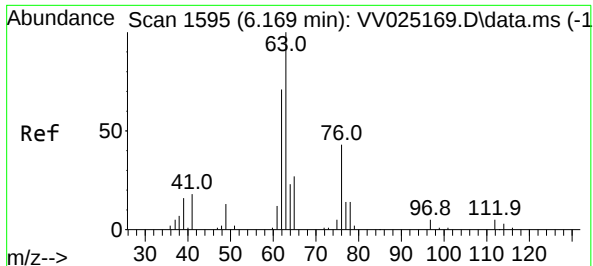
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025186.D

Acq: 25 Mar 2022 18:26

Instrument :

MSVOA_V

ClientSampleId :

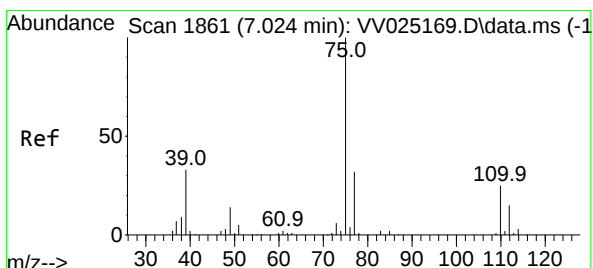
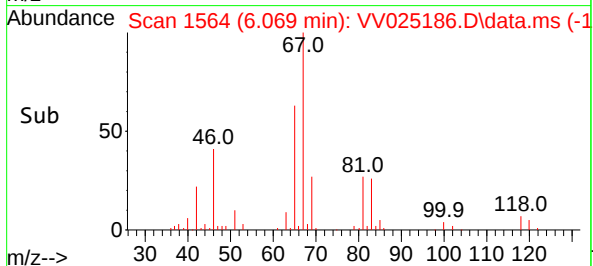
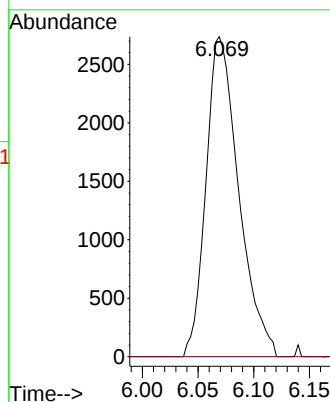
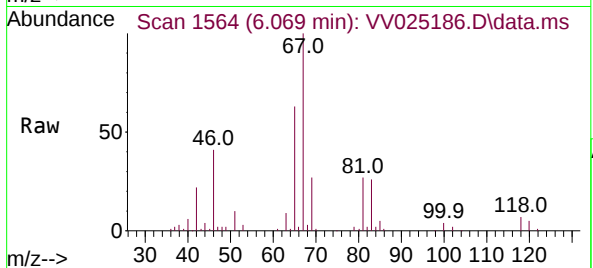
C0AD8

Tgt Ion: 63 Resp: 5608

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.036 min

Lab File: VV025186.D

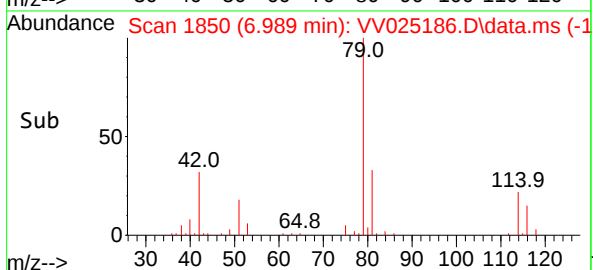
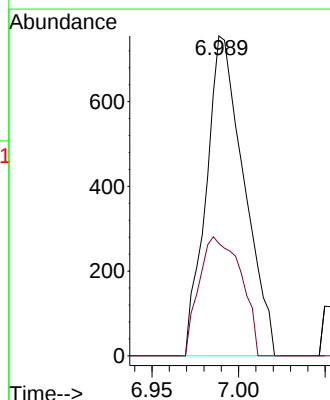
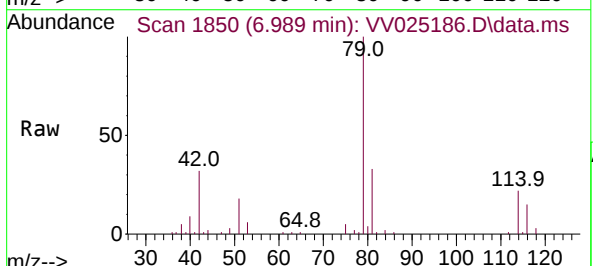
Acq: 25 Mar 2022 18:26

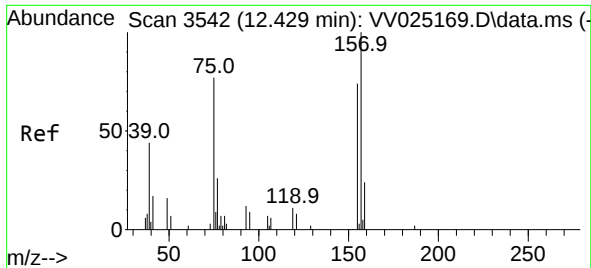
Tgt Ion: 75 Resp: 1147

Ion Ratio Lower Upper

75 100

77 35.1 23.0 42.8





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.446 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.183 min
 Lab File: VV025186.D
 Acq: 25 Mar 2022 18:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD8

Tgt Ion: 75 Resp: 391
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

