

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
 Data File : VV025491.D
 Acq On : 13 Apr 2022 13:39
 Operator : SY/MD
 Sample : N2319-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 03:10:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

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

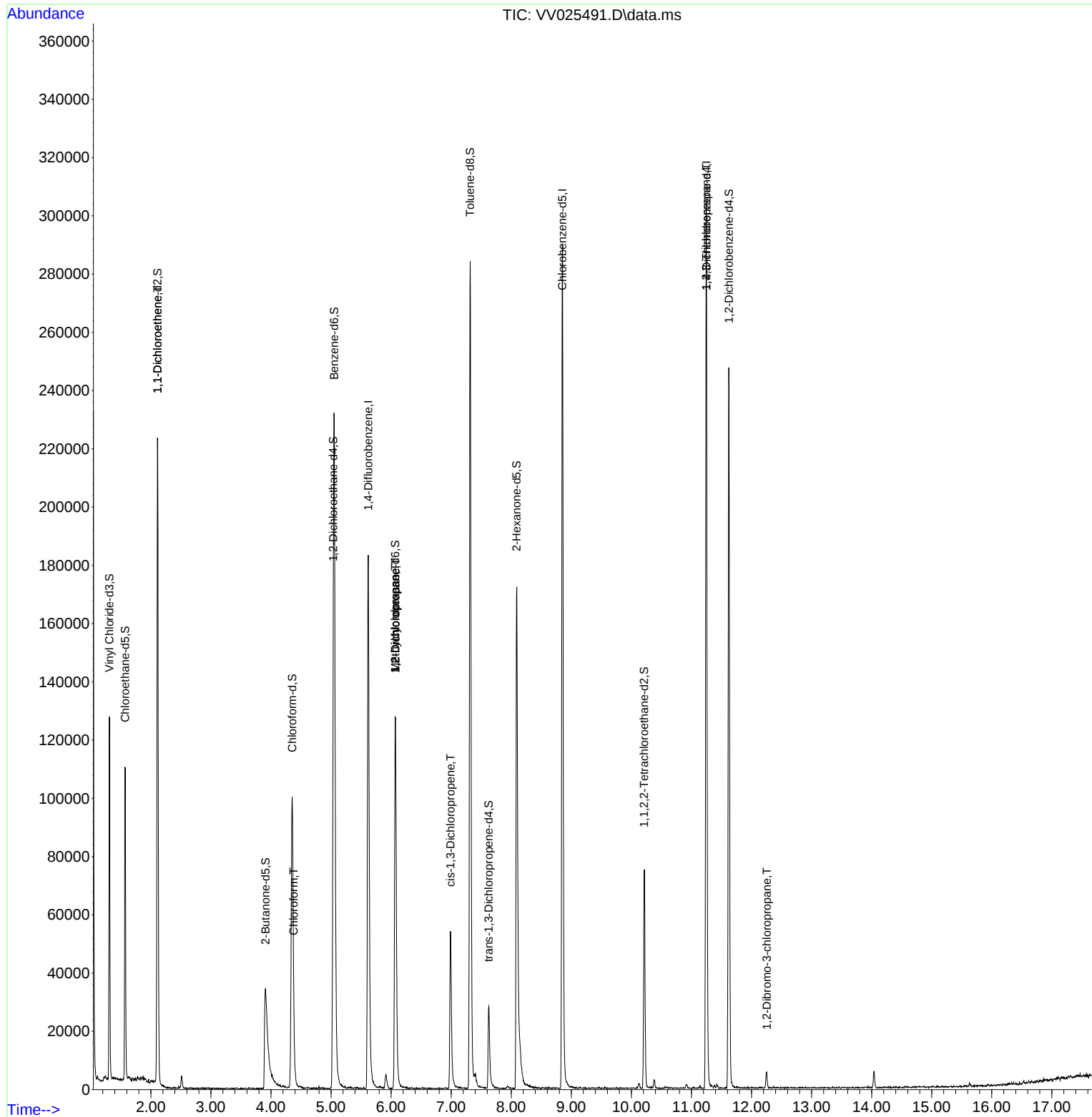
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159889	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	77350	5.203	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.000%	
7) Chloroethane-d5	1.571	69	65912	4.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.111	63	117130	3.933	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.600%	
20) 2-Butanone-d5	3.908	46	79257	43.832	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.660%	
24) Chloroform-d	4.352	84	104095	4.634	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.037	65	48358	4.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.053	84	216941	4.614	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.069	67	62054	4.732	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.317	98	186572	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	7.625	79	17672	4.009	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.088	63	61360	39.664	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.320%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35036	4.229	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	62771	4.814	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	1128	0.081	ug/L #	1
25) Chloroform	4.378	83	2680	0.129	ug/L	99
35) Methylcyclohexane	6.069	83	14953	0.735	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6630	0.597	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1546	0.106	ug/L #	56
61) 1,2,3-Trichloropropane	11.246	75	9241	1.804	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.255	75	126	0.142	ug/L #	2

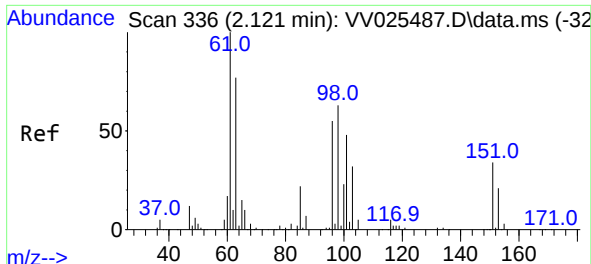
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV025491.D

Acq: 13 Apr 2022 13:39

Instrument :

MSVOA_V

ClientSampleId :

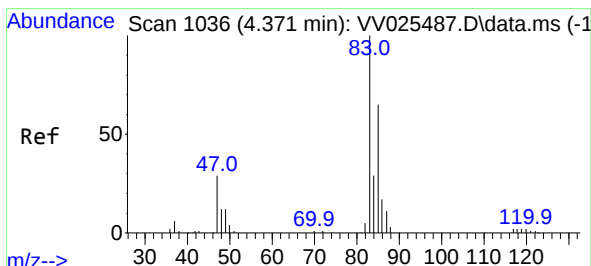
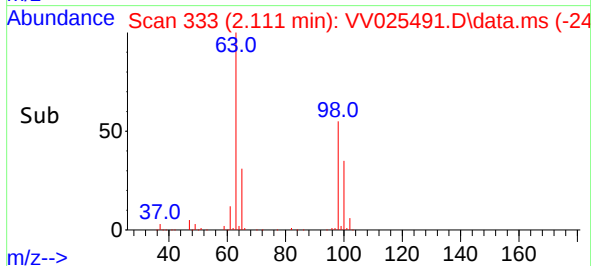
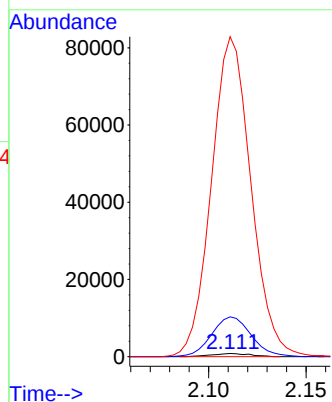
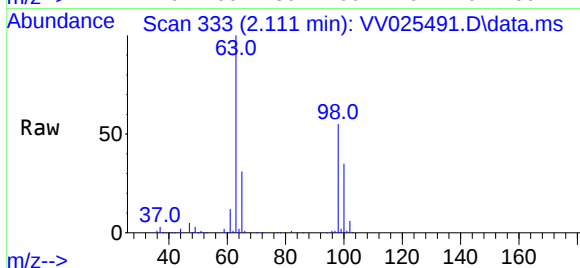
Tgt Ion: 96 Resp: 1128

Ion Ratio Lower Upper

96 100

61 1266.6 125.2 232.4#

63 10181.8 114.4 212.4#



#25

Chloroform

Concen: 0.129 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV025491.D

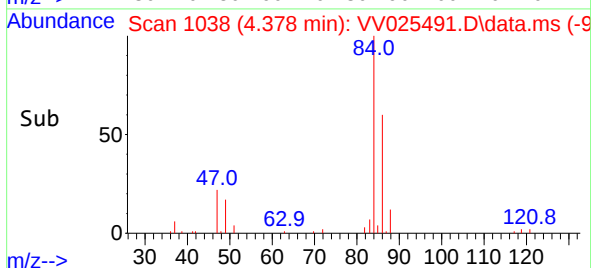
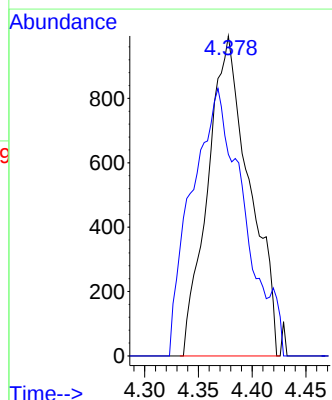
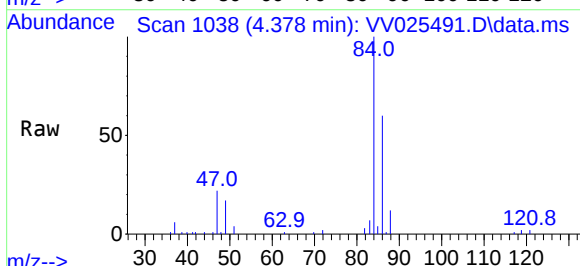
Acq: 13 Apr 2022 13:39

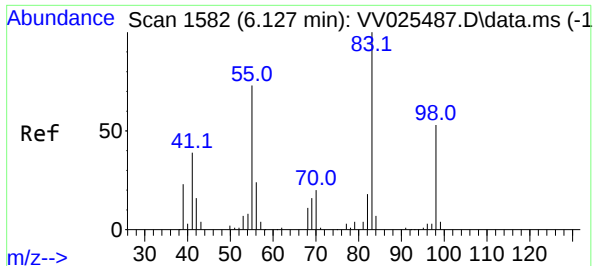
Tgt Ion: 83 Resp: 2680

Ion Ratio Lower Upper

83 100

85 63.0 43.5 80.7





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV025491.D

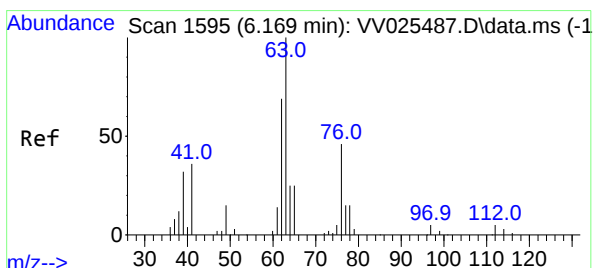
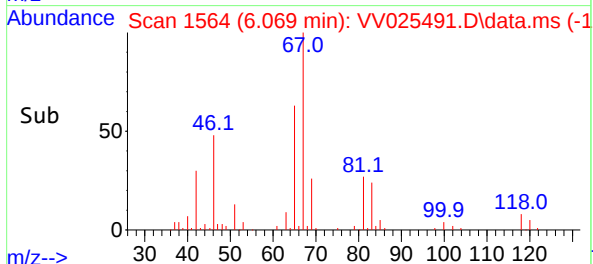
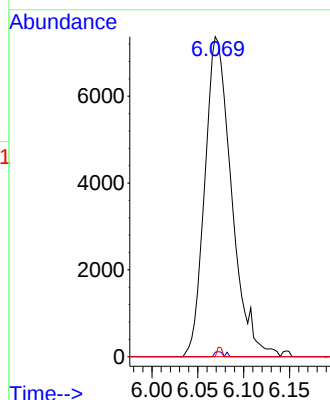
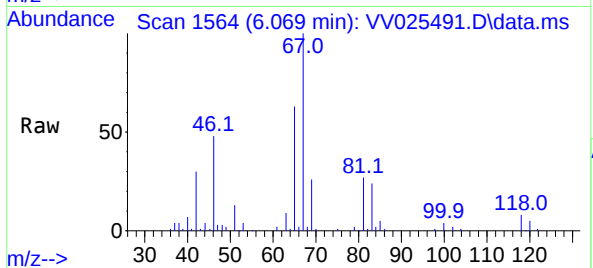
Acq: 13 Apr 2022 13:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 14953
Ion Ratio	Lower Upper
83 100	
55 0.5	53.7 80.5#
98 0.5	39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.597 ug/L

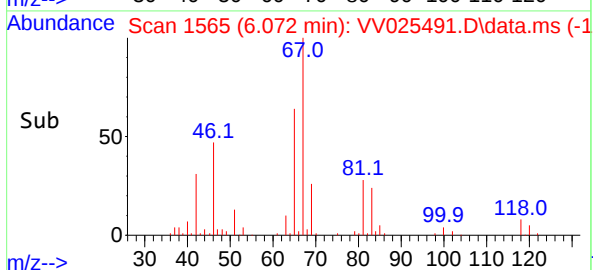
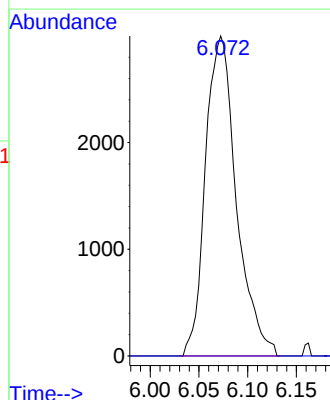
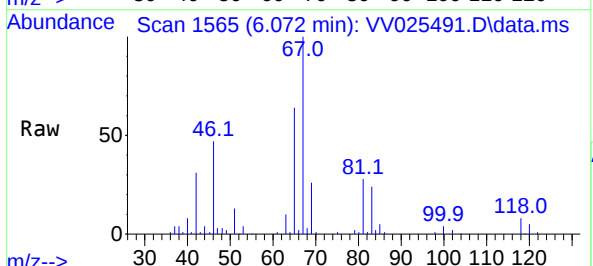
RT: 6.072 min Scan# 1565

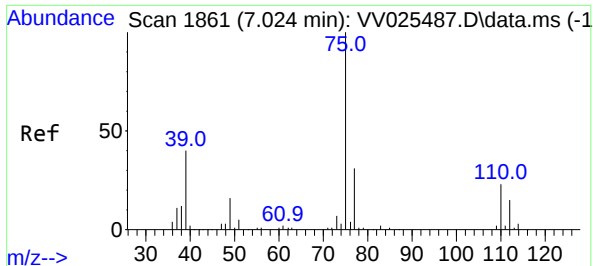
Delta R.T. -0.097 min

Lab File: VV025491.D

Acq: 13 Apr 2022 13:39

Tgt Ion: 63	Resp: 6630
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025491.D

Acq: 13 Apr 2022 13:39

Instrument :

MSVOA_V

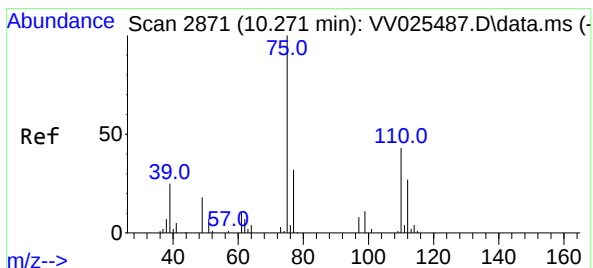
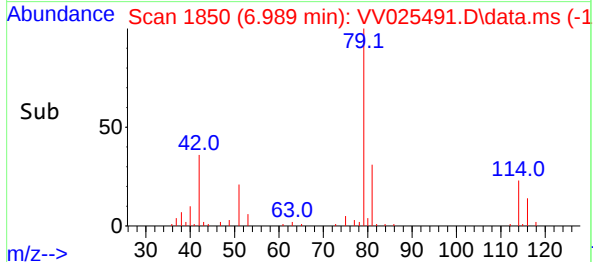
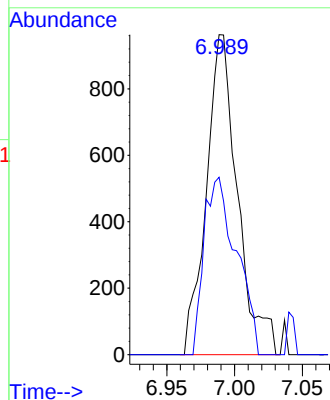
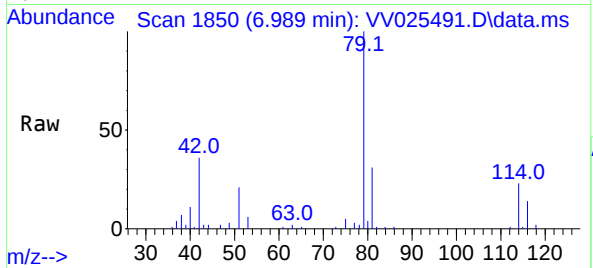
ClientSampleId :

Tgt Ion: 75 Resp: 1546

Ion Ratio Lower Upper

75 100

77 55.5 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.804 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025491.D

Acq: 13 Apr 2022 13:39

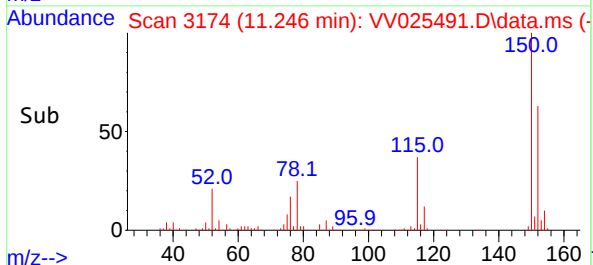
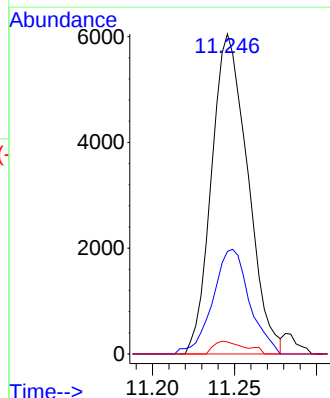
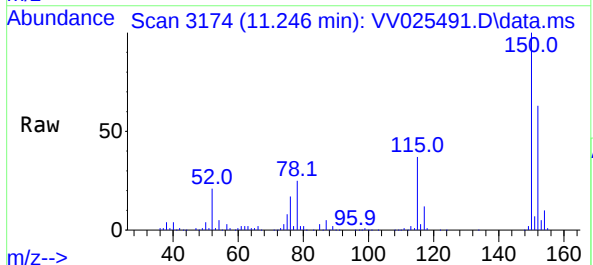
Tgt Ion: 75 Resp: 9241

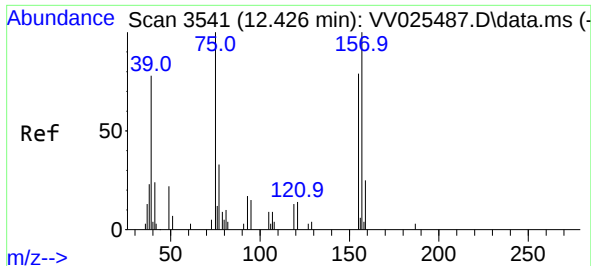
Ion Ratio Lower Upper

75 100

77 33.2 25.6 38.4

110 3.4 34.7 52.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.142 ug/L

RT: 12.255 min Scan# 34

Delta R.T. -0.170 min

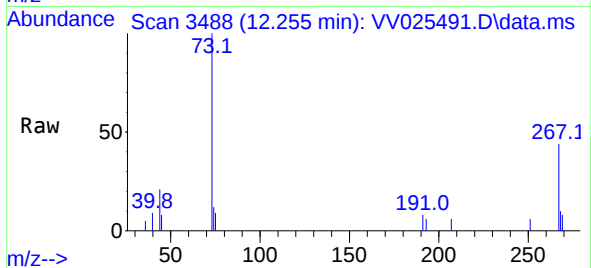
Lab File: VV025491.D

Acq: 13 Apr 2022 13:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 126

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

