

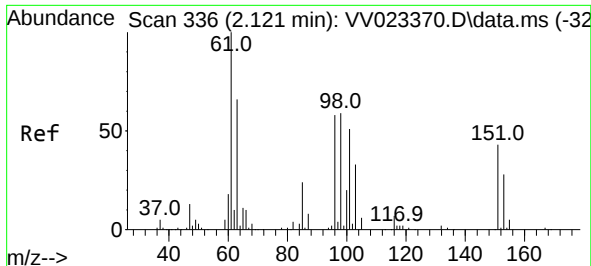
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023372.D
 Acq On : 11 Nov 2021 08:47
 Operator : SY/MD
 Sample : M4558-11DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:27:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

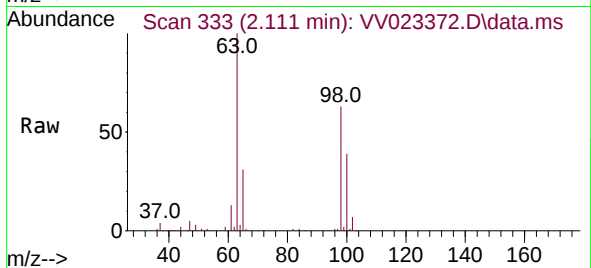
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	130884	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	127064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36628	4.467	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.568	69	30681	4.591	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.108	63	52685	3.432	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	3.886	46	67320	47.657	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.320%	
24) Chloroform-d	4.346	84	72165	4.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
26) 1,2-Dichloroethane-d4	5.031	65	33355	4.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	5.047	84	141252	4.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.066	67	41989	4.375	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.313	98	124344	4.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	7.622	79	14588	4.009	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.085	63	51189	38.232	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.460%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	26195	3.795	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	47185	4.508	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	555	0.071	ug/L #	1
22) cis-1,2-Dichloroethene	3.908	96	28813	3.120	ug/L #	94
27) 1,2-Dichloroethane	5.043	62	776	0.084	ug/L #	72
34) Trichloroethene	5.911	95	71626	7.584	ug/L	99
35) Methylcyclohexane	6.069	83	10743	0.721	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	4773	0.576	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1120	0.094	ug/L #	49
61) 1,2,3-Trichloropropane	11.246	75	6786	1.625	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.252	75	197	0.221	ug/L #	1

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

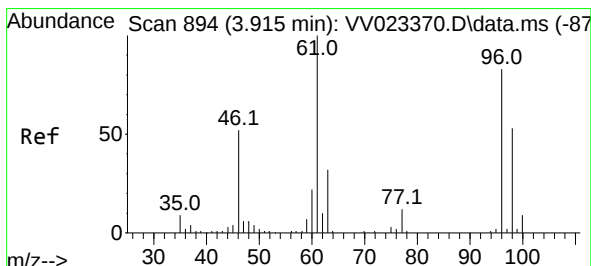
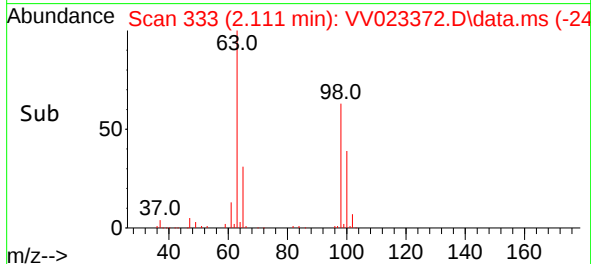
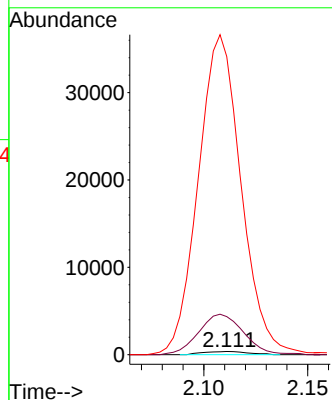


#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV023372.D
Acq: 11 Nov 2021 08:47

Instrument :
MSVOA_V
ClientSampleId :

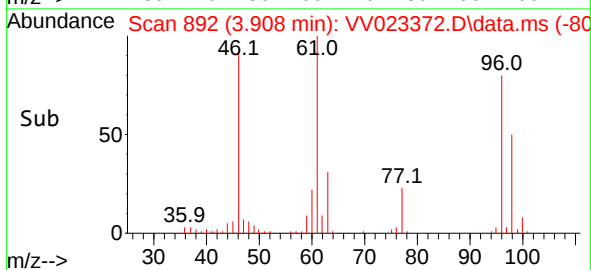
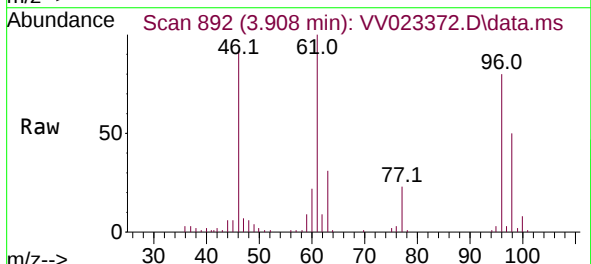
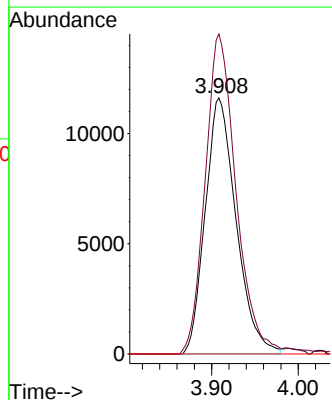


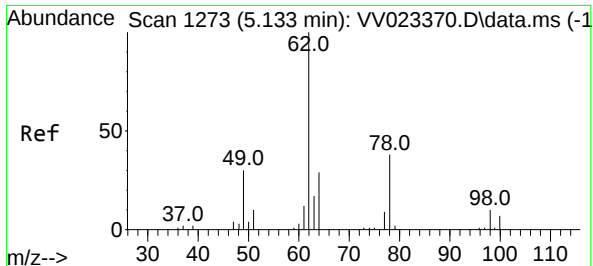
Tgt Ion: 96 Resp: 555
Ion Ratio Lower Upper
96 100
61 1202.8 121.5 225.7#
63 9403.9 99.6 185.0#



#22
cis-1,2-Dichloroethene
Concen: 3.120 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.007 min
Lab File: VV023372.D
Acq: 11 Nov 2021 08:47

Tgt Ion: 96 Resp: 28813
Ion Ratio Lower Upper
96 100
61 125.0 92.3 171.3
68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.043 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV023372.D

Acq: 11 Nov 2021 08:47

Instrument :

MSVOA_V

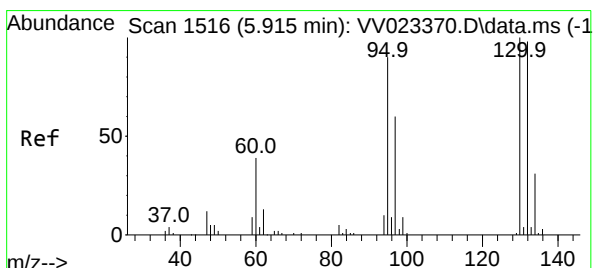
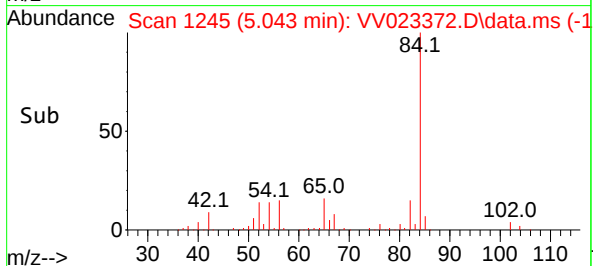
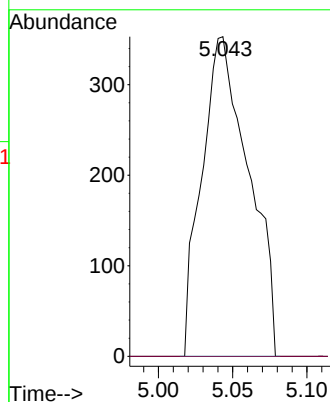
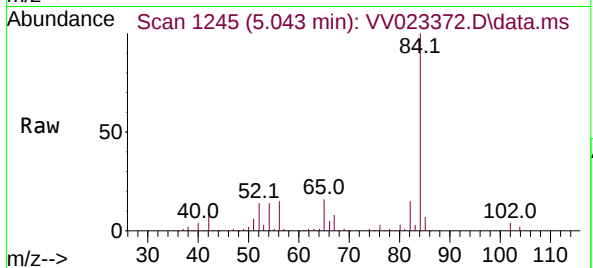
ClientSampleId :

Tgt Ion: 62 Resp: 776

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 7.584 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV023372.D

Acq: 11 Nov 2021 08:47

Tgt Ion: 95 Resp: 71626

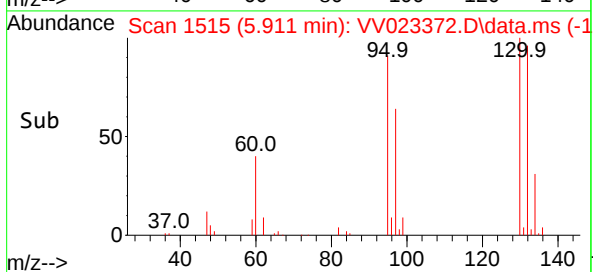
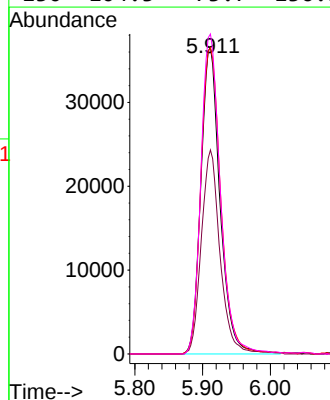
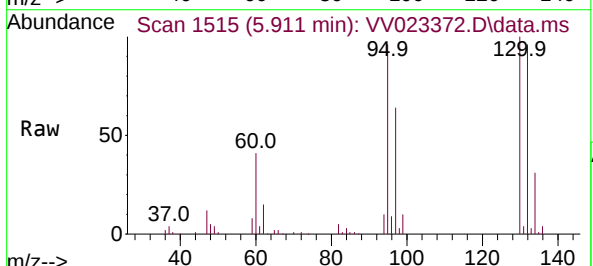
Ion Ratio Lower Upper

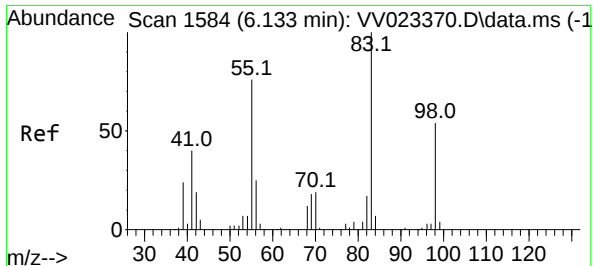
95 100

97 66.5 45.0 83.6

132 99.8 69.7 129.4

130 104.3 73.7 136.9

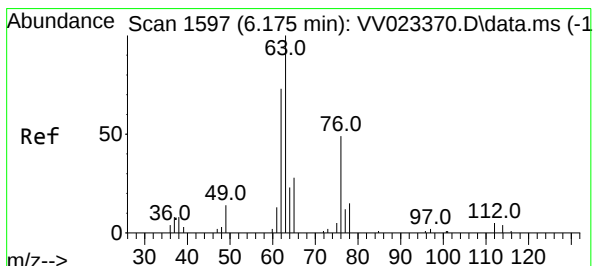
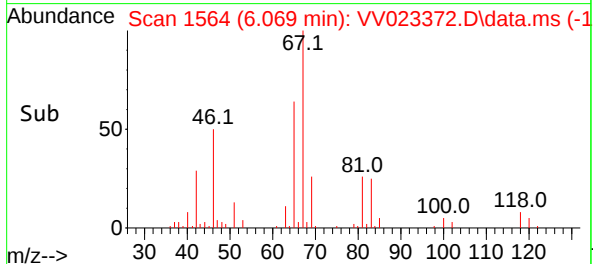
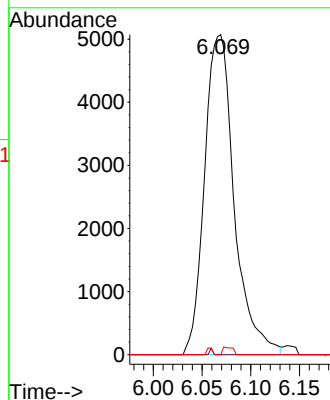
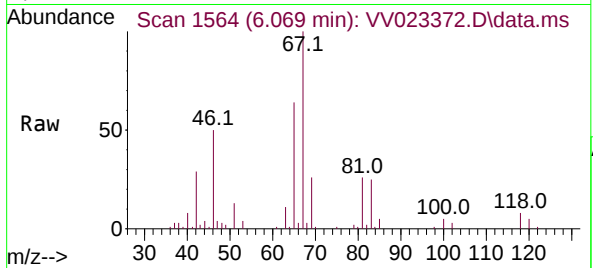




#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.069 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV023372.D
Acq: 11 Nov 2021 08:47

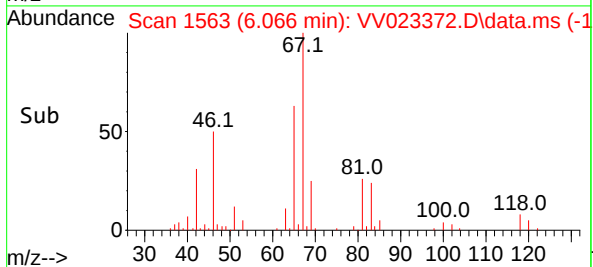
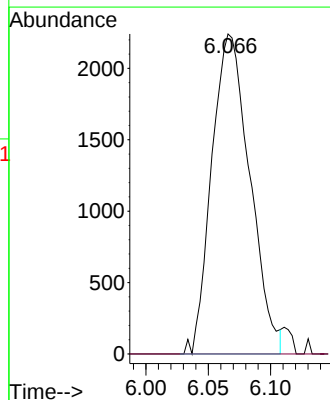
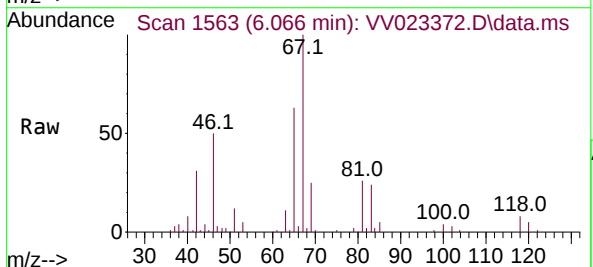
Instrument :
MSVOA_V
ClientSampleId :

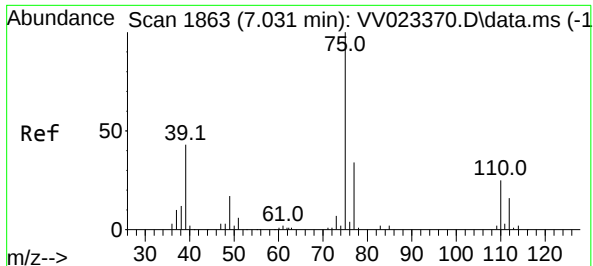
Tgt Ion: 83 Resp: 10743
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 0.8 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.109 min
Lab File: VV023372.D
Acq: 11 Nov 2021 08:47

Tgt Ion: 63 Resp: 4773
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023372.D

Acq: 11 Nov 2021 08:47

Instrument :

MSVOA_V

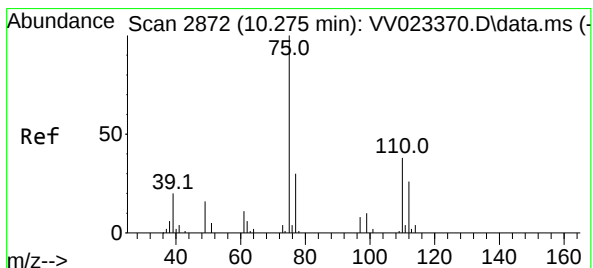
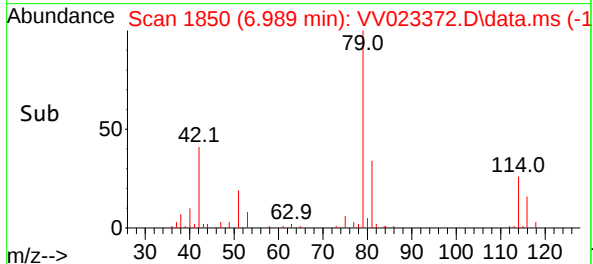
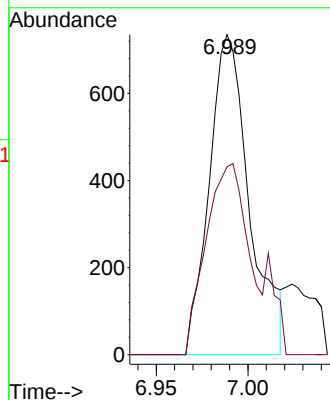
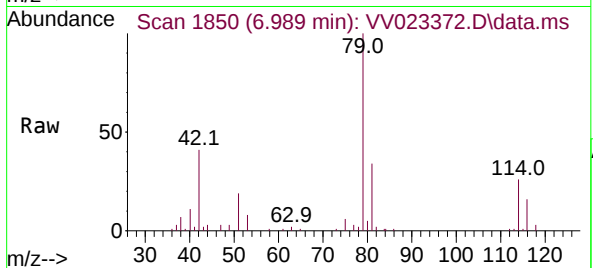
ClientSampleId :

Tgt Ion: 75 Resp: 1120

Ion Ratio Lower Upper

75 100

77 58.8 21.6 40.2#



#61

1,2,3-Trichloropropane

Concen: 1.625 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV023372.D

Acq: 11 Nov 2021 08:47

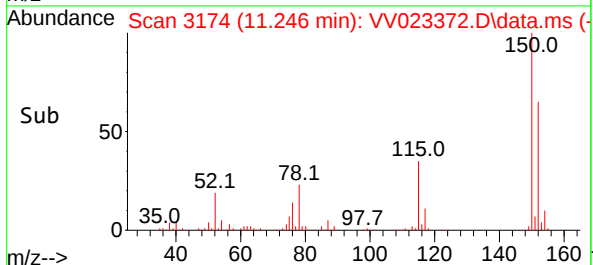
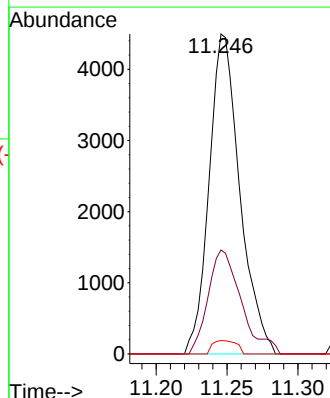
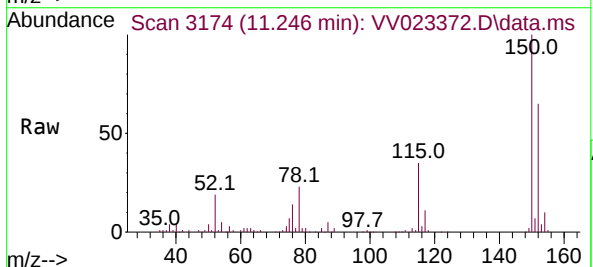
Tgt Ion: 75 Resp: 6786

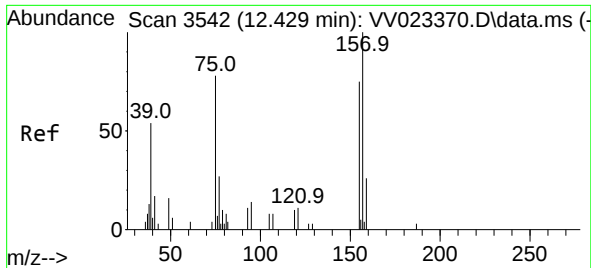
Ion Ratio Lower Upper

75 100

77 34.9 26.6 39.8

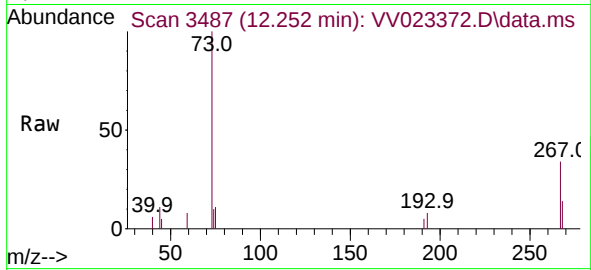
110 3.3 31.8 47.6#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.221 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.177 min
 Lab File: VV023372.D
 Acq: 11 Nov 2021 08:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 197
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 87.9 131.9#

