

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025187.D
 Acq On : 25 Mar 2022 18:50
 Operator : SY/MD
 Sample : N2097-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD9

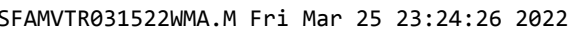
Quant Time: Mar 25 23:24:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

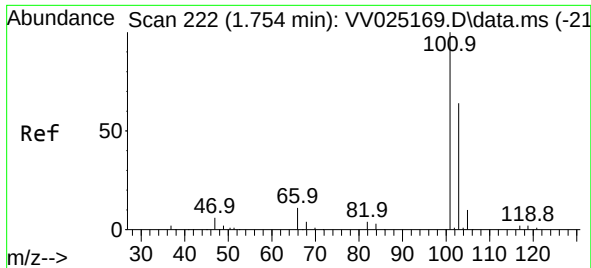
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126905	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42776	4.270	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.568	69	41457	5.651	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.000%	
11) 1,1-Dichloroethene-d2	2.108	63	57947	3.579	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	3.905	46	117609	97.131	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	194.260%#	
24) Chloroform-d	4.352	84	101666	6.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	122.400%	
26) 1,2-Dichloroethane-d4	5.037	65	46363	6.674	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	133.400%#	
32) Benzene-d6	5.053	84	197700	5.508	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.200%	
36) 1,2-Dichloropropane-d6	6.072	67	62575	6.063	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	121.200%	
41) Toluene-d8	7.317	98	161831	4.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
43) trans-1,3-Dichloroprop...	7.628	79	17093	4.751	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.088	63	91859	74.851	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	149.700%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46054	7.585	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	151.800%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	61876	6.579	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	131.600%#	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.757	101	977	0.064	ug/L	90
17) Methyl tert-butyl Ether	2.777	73	1289	0.073	ug/L #	75
25) Chloroform	4.375	83	1672	0.097	ug/L	80
27) 1,2-Dichloroethane	5.050	62	808	0.094	ug/L #	71
35) Methylcyclohexane	6.072	83	15006	0.885	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6109	0.661	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1085	0.084	ug/L #	69
47) Tetrachloroethene	7.979	164	2014	0.267	ug/L	82
49) Dibromochloromethane	7.982	129	1849	0.267	ug/L #	10
68) 1,2-Dibromo-3-chloropr...	12.242	75	430	0.537	ug/L #	1

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

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QLast Update : Fri Mar 25 23:19:44 2022
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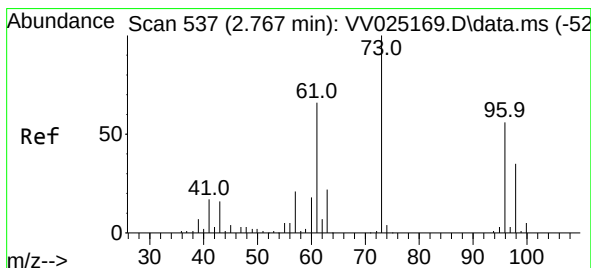
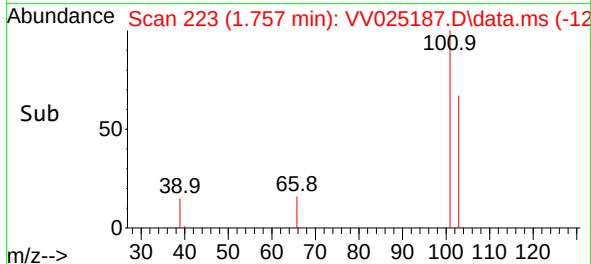
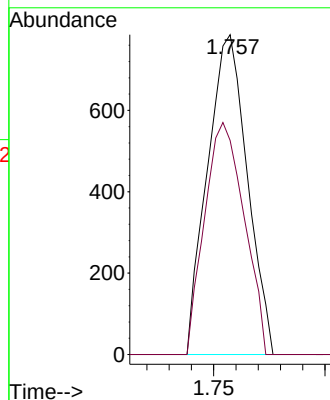
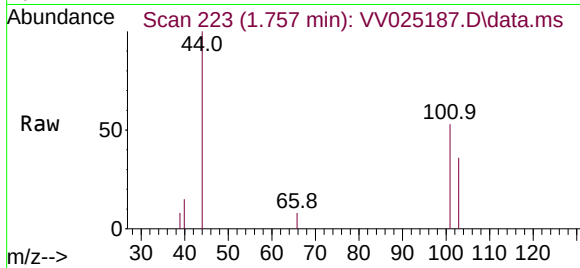




#9
Trichlorofluoromethane
Concen: 0.064 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025187.D
Acq: 25 Mar 2022 18:50

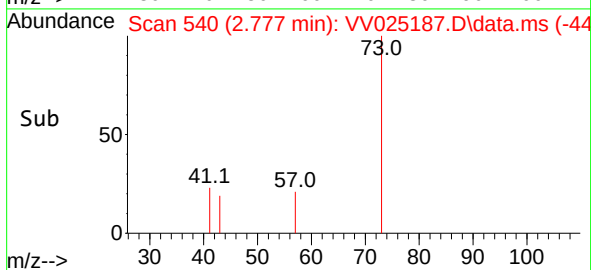
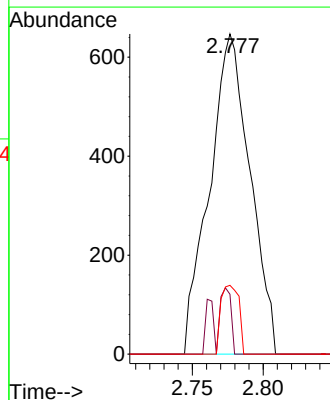
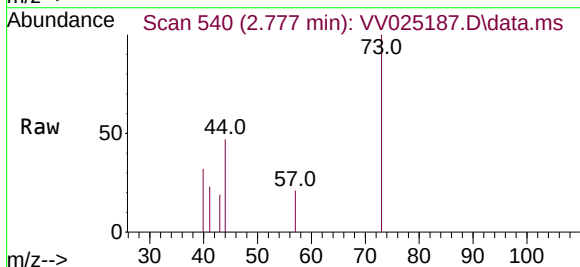
Instrument :
MSVOA_V
ClientSampleId :
C0AD9

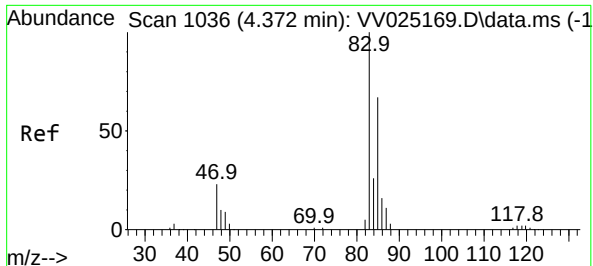
Tgt Ion:101 Resp: 977
Ion Ratio Lower Upper
101 100
103 72.1 51.5 77.3



#17
Methyl tert-butyl Ether
Concen: 0.073 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV025187.D
Acq: 25 Mar 2022 18:50

Tgt Ion: 73 Resp: 1289
Ion Ratio Lower Upper
73 100
43 5.6 13.2 19.8#
57 9.5 16.7 25.1#





#25

Chloroform

Concen: 0.097 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025187.D

Acq: 25 Mar 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

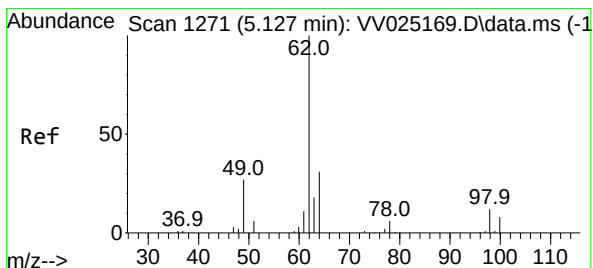
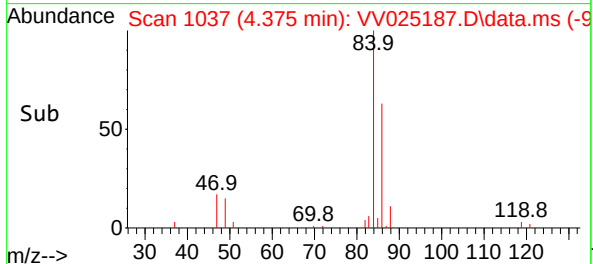
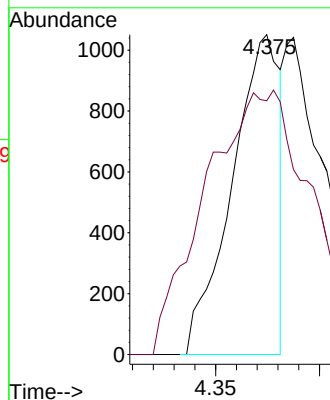
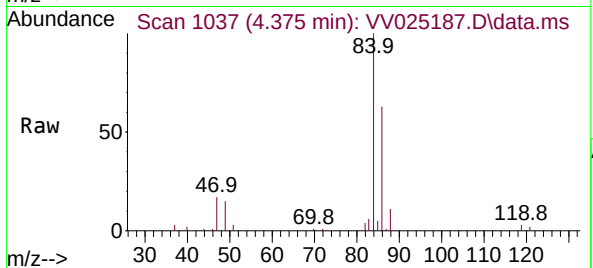
C0AD9

Tgt Ion: 83 Resp: 1672

Ion Ratio Lower Upper

83 100

85 79.4 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025187.D

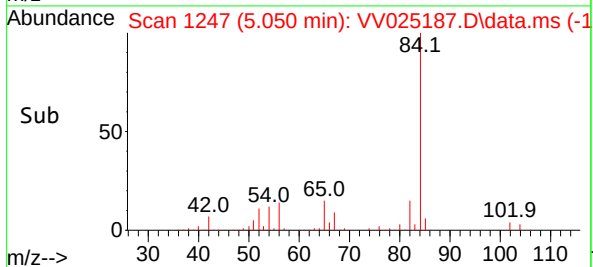
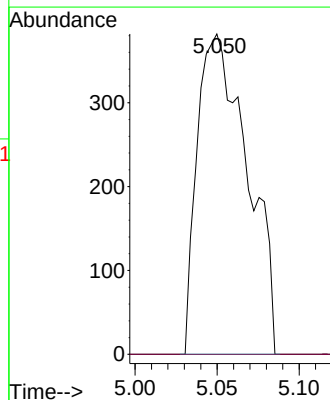
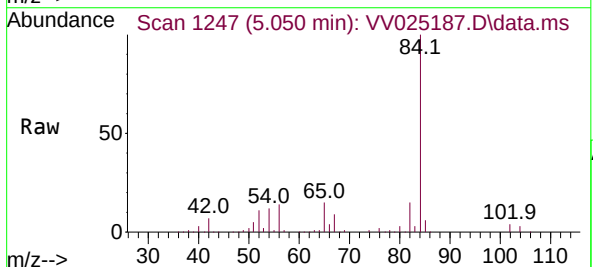
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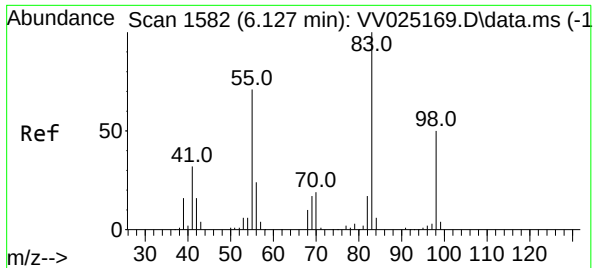
Tgt Ion: 62 Resp: 808

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

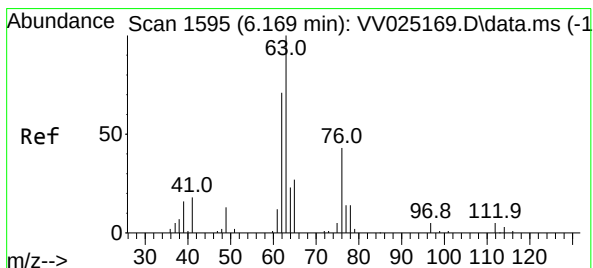
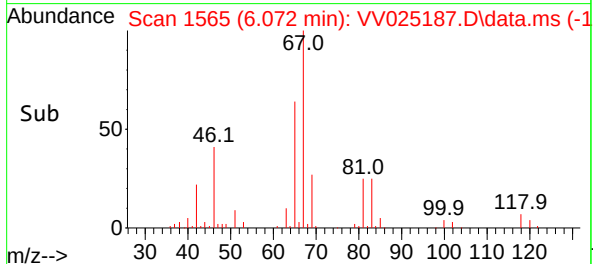
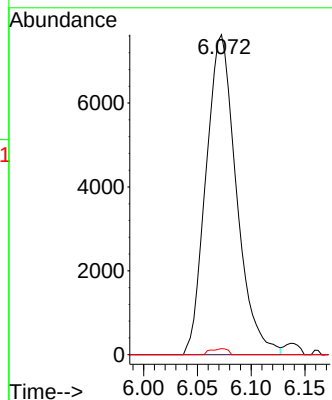
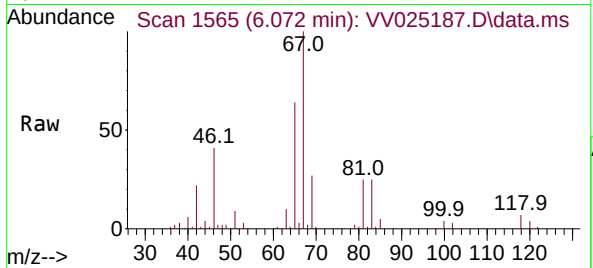




#35
Methylcyclohexane
Concen: 0.885 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025187.D
Acq: 25 Mar 2022 18:50

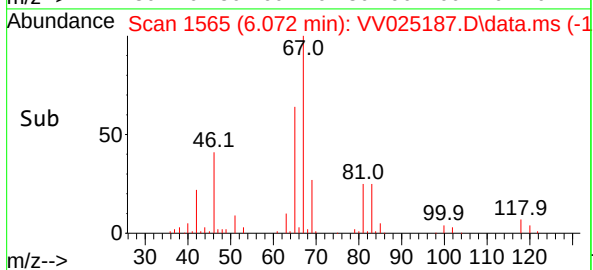
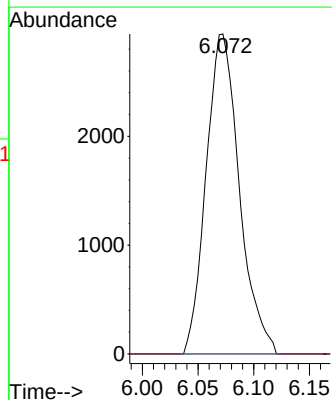
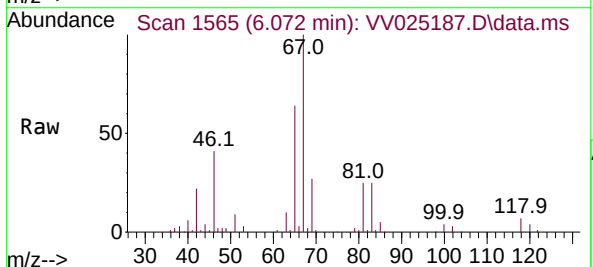
Instrument :
MSVOA_V
ClientSampleId :
C0AD9

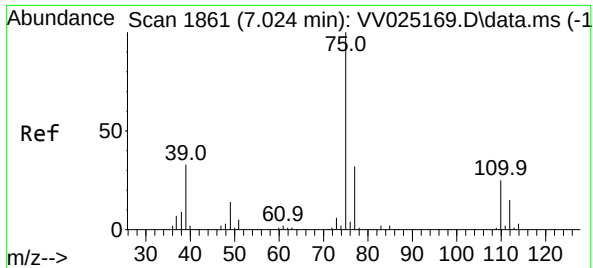
Tgt Ion: 83 Resp: 15006
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 1.1 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV025187.D
Acq: 25 Mar 2022 18:50

Tgt Ion: 63 Resp: 6109
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025187.D

Acq: 25 Mar 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

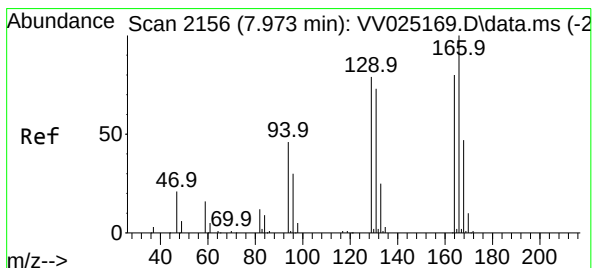
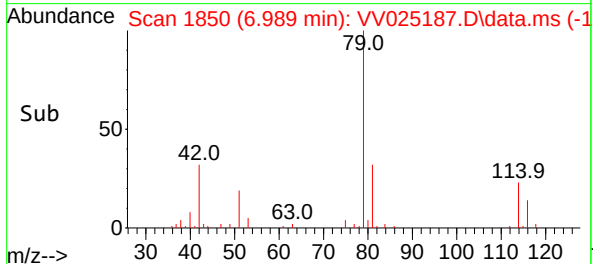
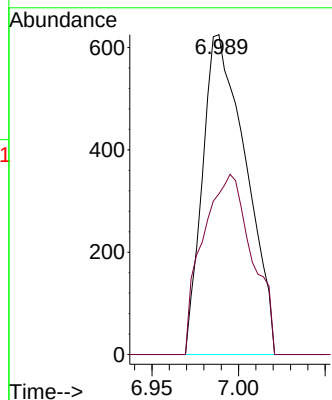
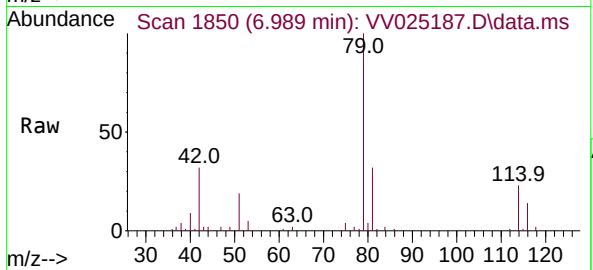
C0AD9

Tgt Ion: 75 Resp: 1085

Ion Ratio Lower Upper

75 100

77 50.2 23.0 42.8#



#47

Tetrachloroethene

Concen: 0.267 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025187.D

Acq: 25 Mar 2022 18:50

Tgt Ion:164 Resp: 2014

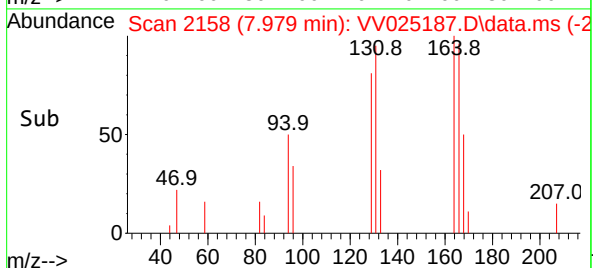
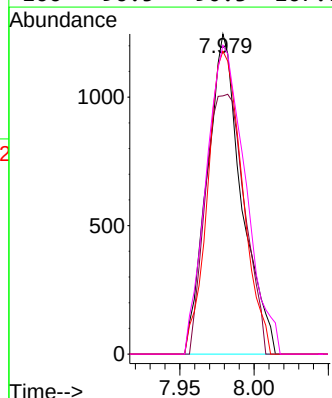
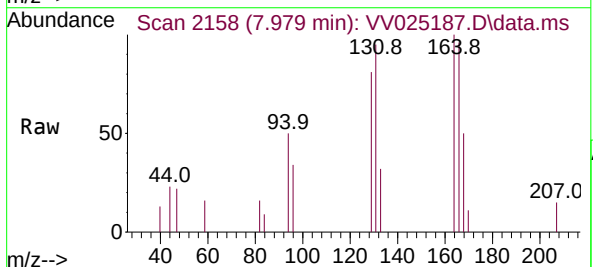
Ion Ratio Lower Upper

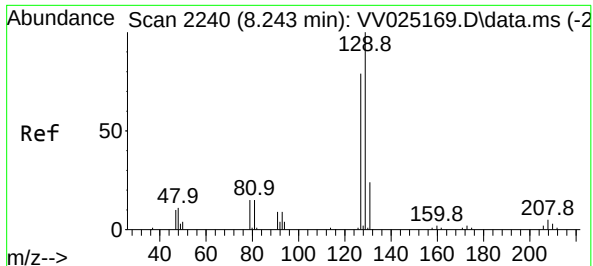
164 100

129 80.7 70.3 130.7

131 94.6 69.4 129.0

166 96.5 90.3 167.7





#49

Dibromochloromethane

Concen: 0.267 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.261 min

Lab File: VV025187.D

Acq: 25 Mar 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

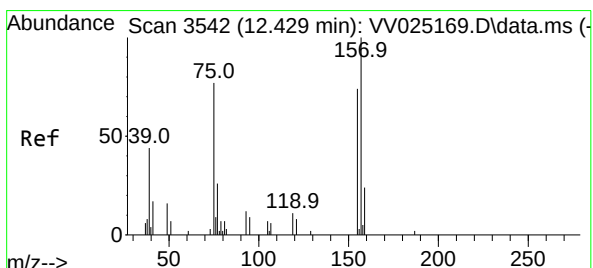
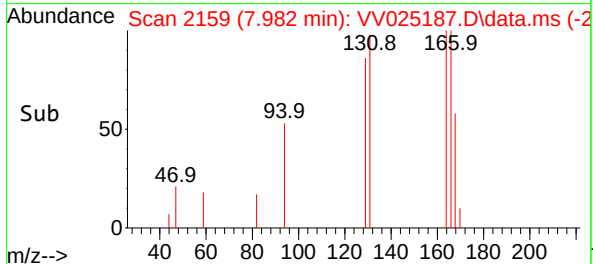
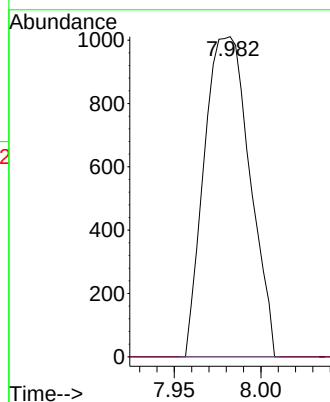
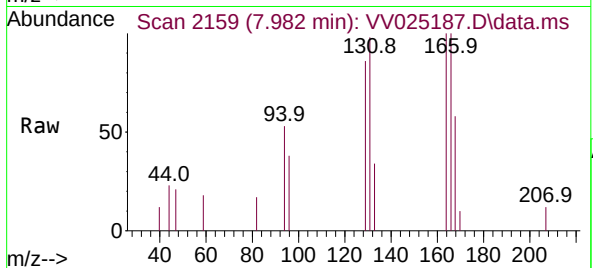
C0AD9

Tgt Ion:129 Resp: 1849

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.537 ug/L

RT: 12.242 min Scan# 3484

Delta R.T. -0.187 min

Lab File: VV025187.D

Acq: 25 Mar 2022 18:50

Tgt Ion: 75 Resp: 430

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

