

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025184.D
 Acq On : 25 Mar 2022 17:39
 Operator : SY/MD
 Sample : N2097-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD6

Quant Time: Mar 25 23:23:42 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

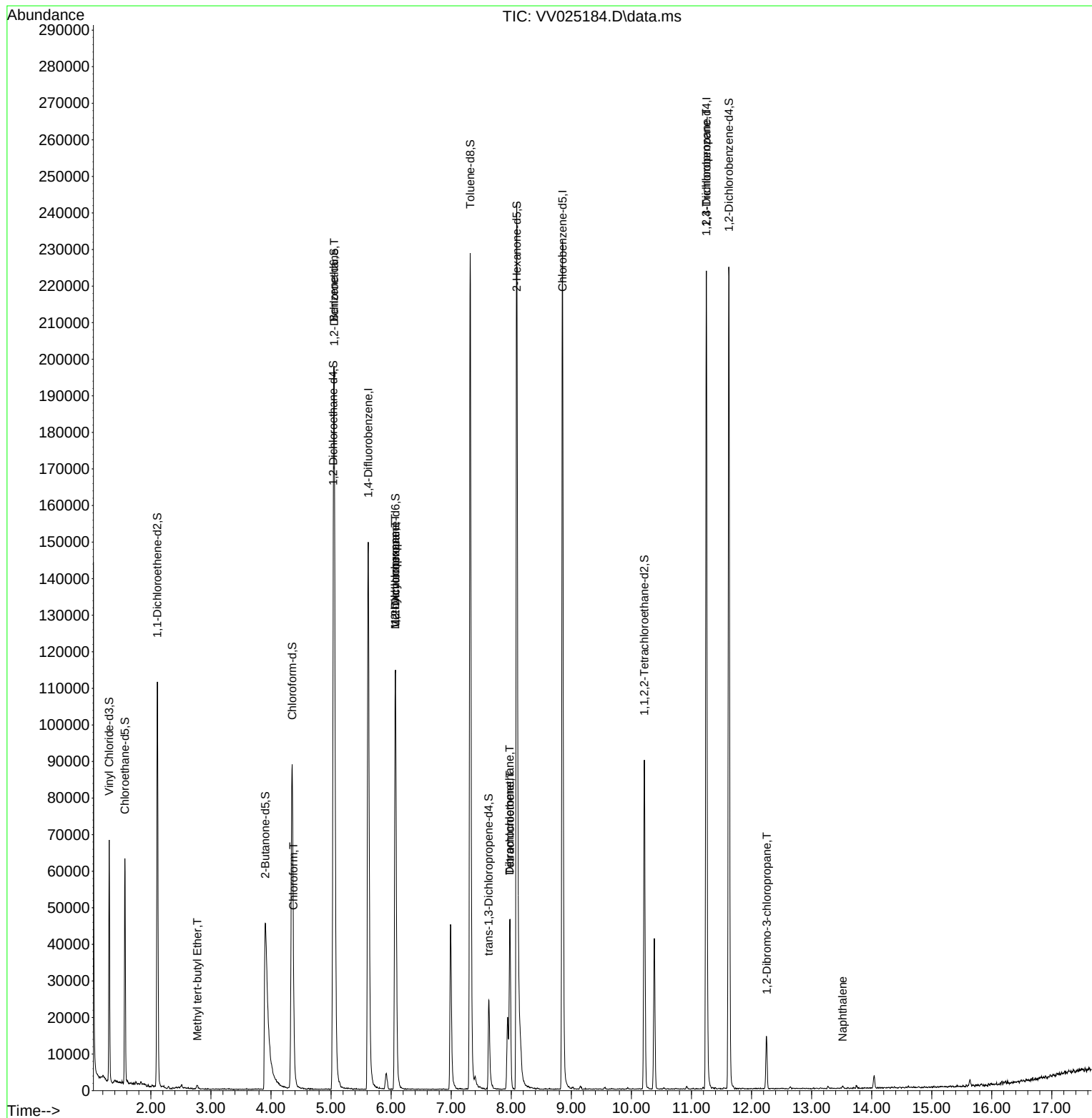
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	142227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	137177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42087	3.748	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.000%	
7) Chloroethane-d5	1.568	69	40155	4.884	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.108	63	56693	3.124	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	3.905	46	111295	82.014	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	164.020%#	
24) Chloroform-d	4.352	84	98906	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
26) 1,2-Dichloroethane-d4	5.037	65	45443	5.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.800%	
32) Benzene-d6	5.050	84	192451	4.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.072	67	61563	5.380	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.600%	
41) Toluene-d8	7.316	98	159678	4.403	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16781	4.207	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.091	63	93697	68.861	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	137.720%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45648	6.781	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	135.600%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	59610	5.721	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.400%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.773	73	1341	0.068	ug/L #	68
25) Chloroform	4.374	83	2631	0.136	ug/L	92
27) 1,2-Dichloroethane	5.053	62	957	0.100	ug/L #	71
35) Methylcyclohexane	6.069	83	15289	0.813	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6073	0.592	ug/L #	86
47) Tetrachloroethene	7.979	164	10850	1.298	ug/L	97
49) Dibromochloromethane	7.976	129	10693	1.395	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	7587	1.466	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.252	75	453	0.511	ug/L #	1
71) Naphthalene	13.519	128	1083	0.059	ug/L #	70

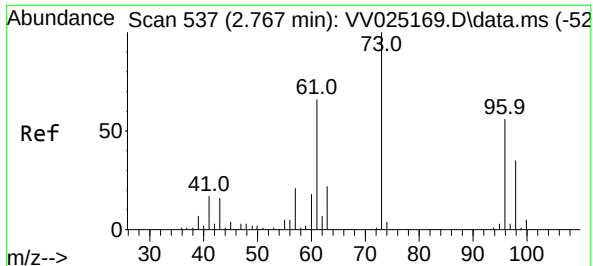
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.068 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV025184.D

Acq: 25 Mar 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

C0AD6

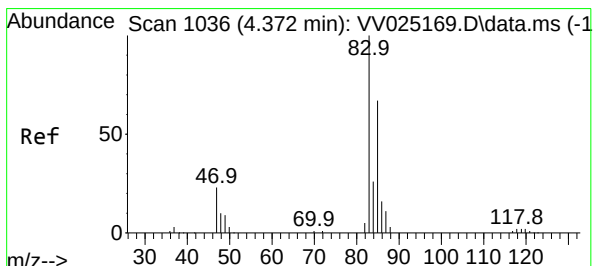
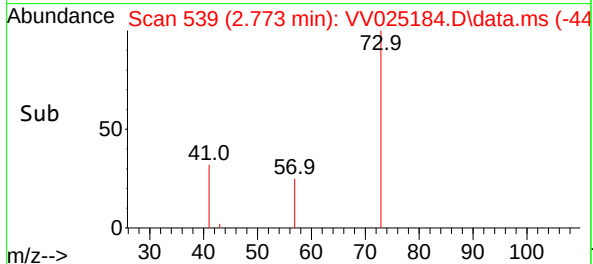
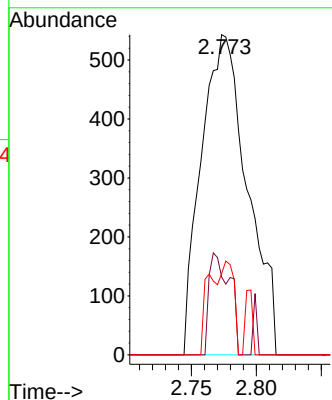
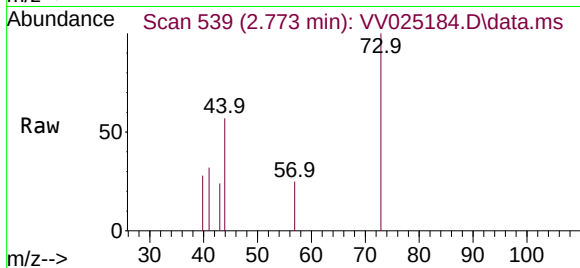
Tgt Ion: 73 Resp: 1341

Ion Ratio Lower Upper

73 100

43 0.0 13.2 19.8#

57 8.3 16.7 25.1#



#25

Chloroform

Concen: 0.136 ug/L

RT: 4.374 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025184.D

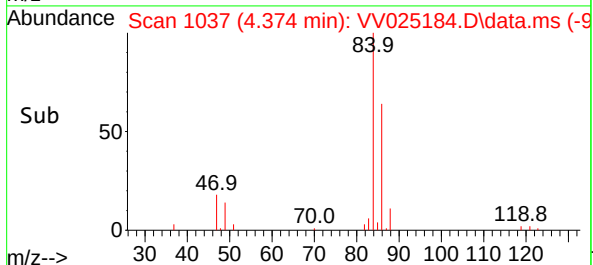
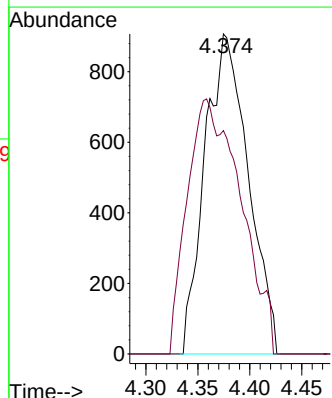
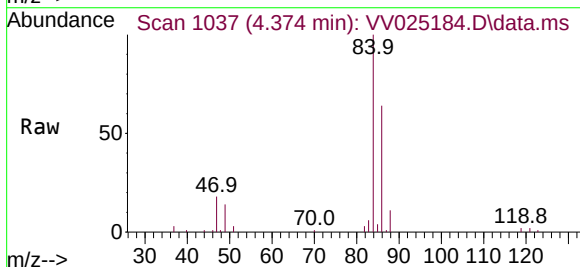
Acq: 25 Mar 2022 17:39

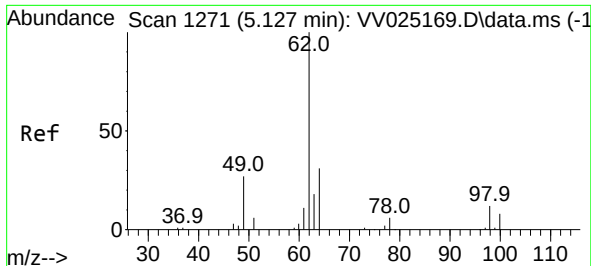
Tgt Ion: 83 Resp: 2631

Ion Ratio Lower Upper

83 100

85 69.8 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV025184.D

Acq: 25 Mar 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

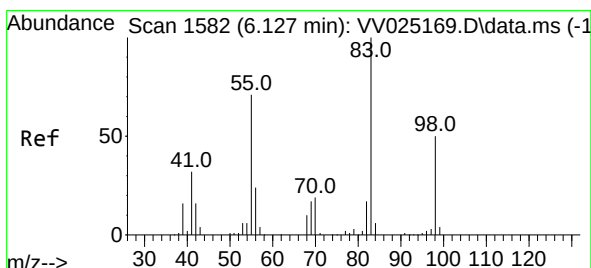
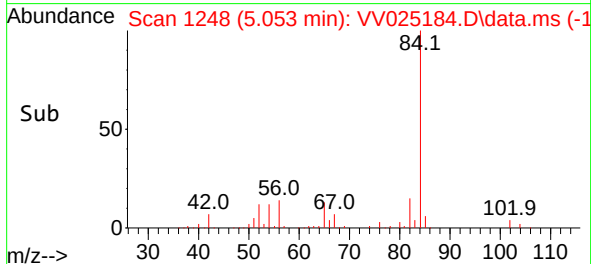
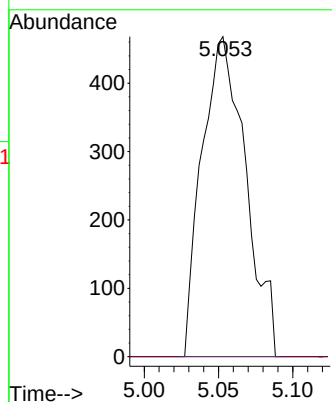
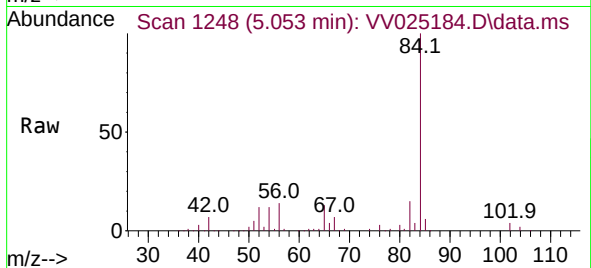
C0AD6

Tgt Ion: 62 Resp: 957

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.813 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025184.D

Acq: 25 Mar 2022 17:39

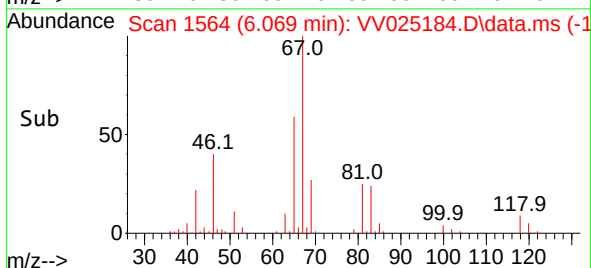
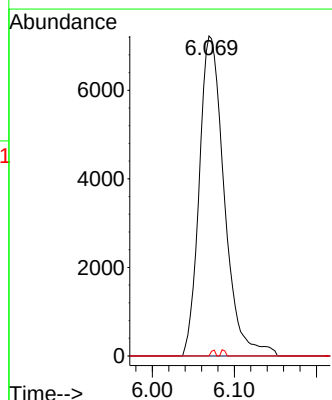
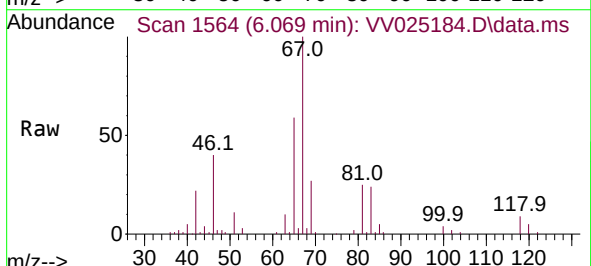
Tgt Ion: 83 Resp: 15289

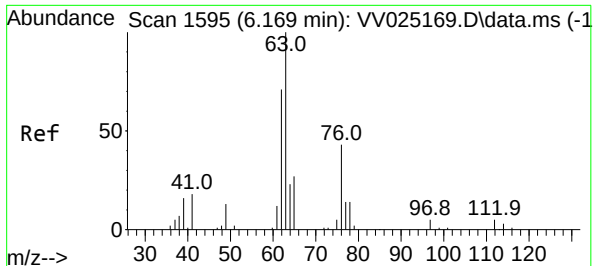
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025184.D

Acq: 25 Mar 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

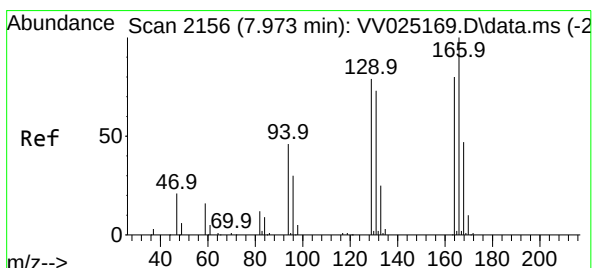
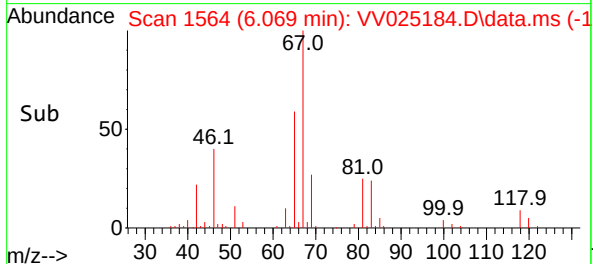
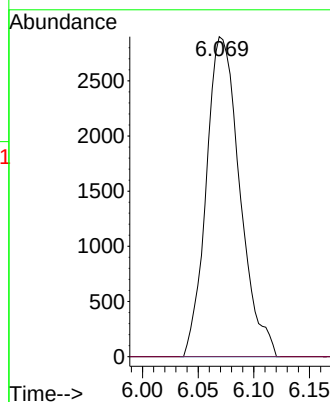
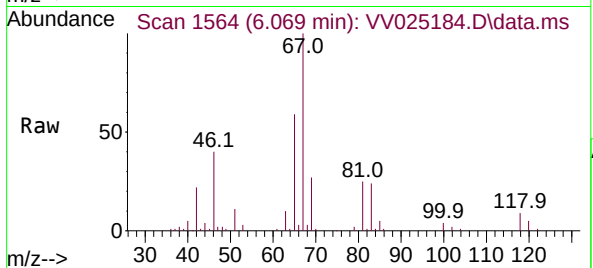
C0AD6

Tgt Ion: 63 Resp: 6073

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#47

Tetrachloroethene

Concen: 1.298 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025184.D

Acq: 25 Mar 2022 17:39

Tgt Ion:164 Resp: 10850

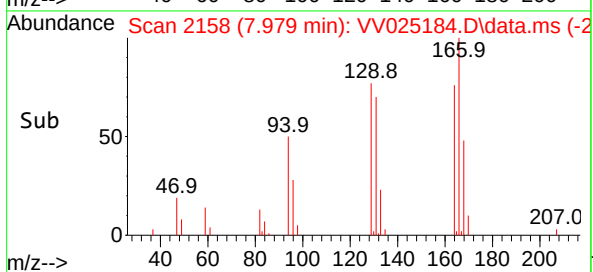
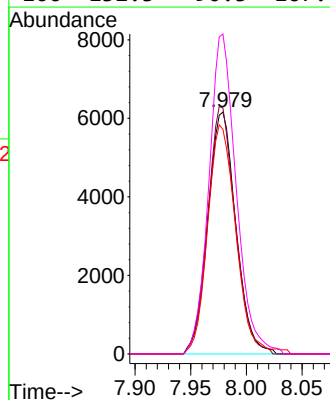
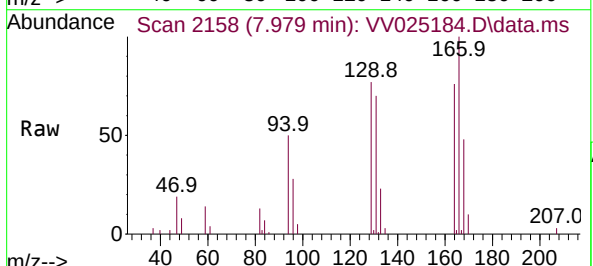
Ion Ratio Lower Upper

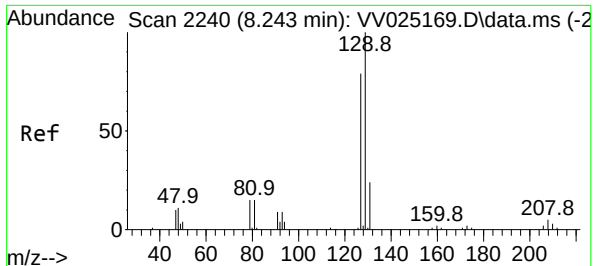
164 100

129 101.8 70.3 130.7

131 92.9 69.4 129.0

166 132.3 90.3 167.7





#49

Dibromochloromethane

Concen: 1.395 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025184.D

Acq: 25 Mar 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

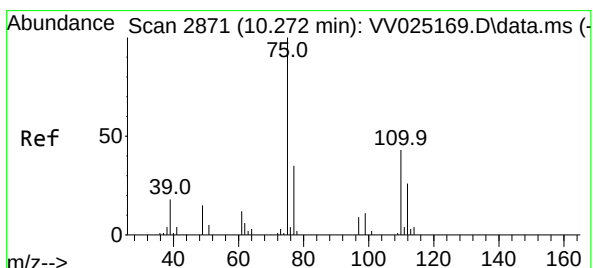
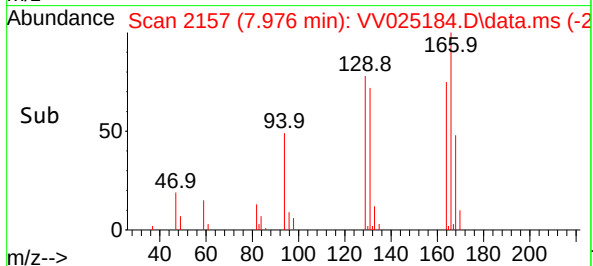
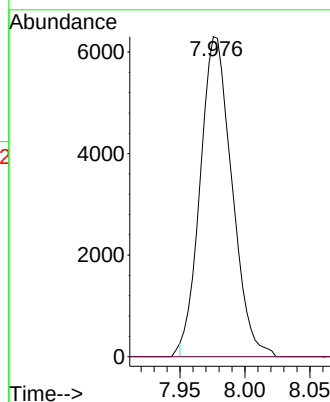
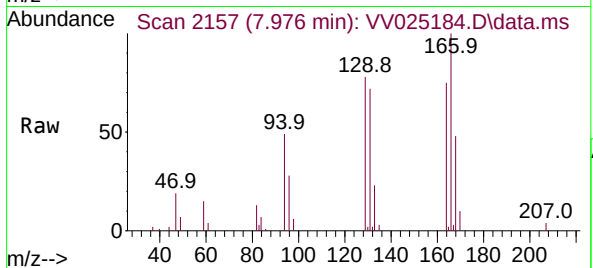
C0AD6

Tgt Ion:129 Resp: 10693

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 1.466 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025184.D

Acq: 25 Mar 2022 17:39

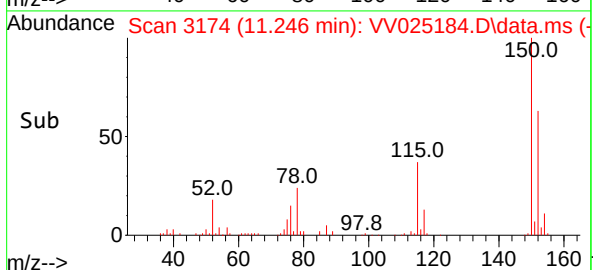
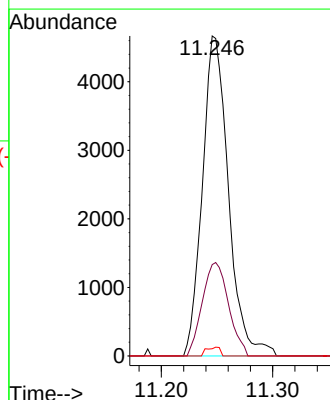
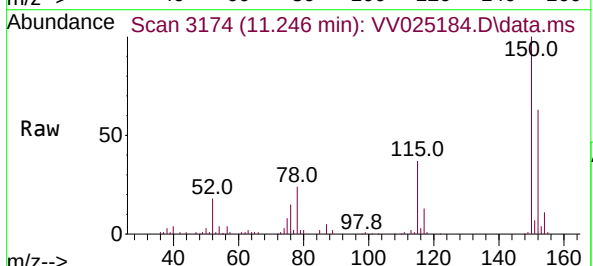
Tgt Ion: 75 Resp: 7587

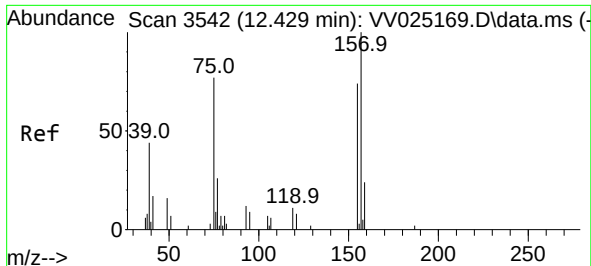
Ion Ratio Lower Upper

75 100

77 29.4 25.7 38.5

110 1.4 31.2 46.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.511 ug/L

RT: 12.252 min Scan# 34

Delta R.T. -0.177 min

Lab File: VV025184.D

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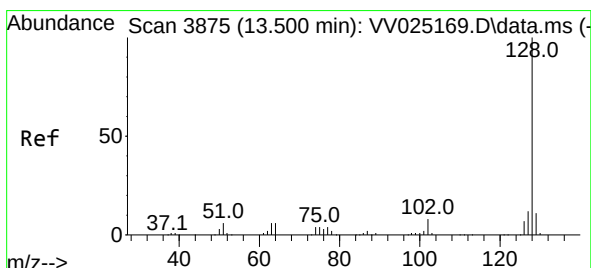
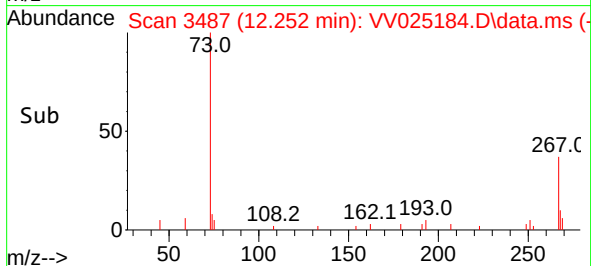
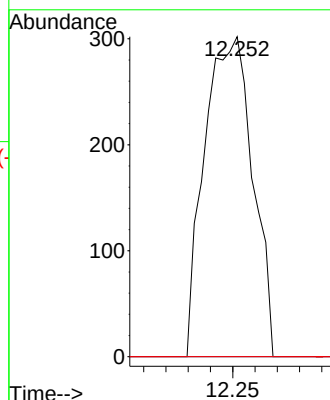
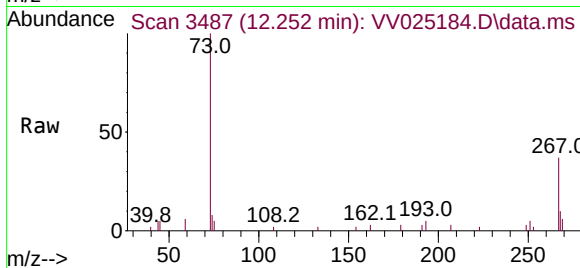
Tgt Ion: 75 Resp: 453

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#



#71

Naphthalene

Concen: 0.059 ug/L

RT: 13.519 min Scan# 3881

Delta R.T. 0.019 min

Lab File: VV025184.D

Acq: 25 Mar 2022 17:39

Tgt Ion: 128 Resp: 1083

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 0.0 9.8 14.8#

