

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025163.D
 Acq On : 24 Mar 2022 20:27
 Operator : SY/MD
 Sample : N2100-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG0

Quant Time: Mar 25 03:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

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

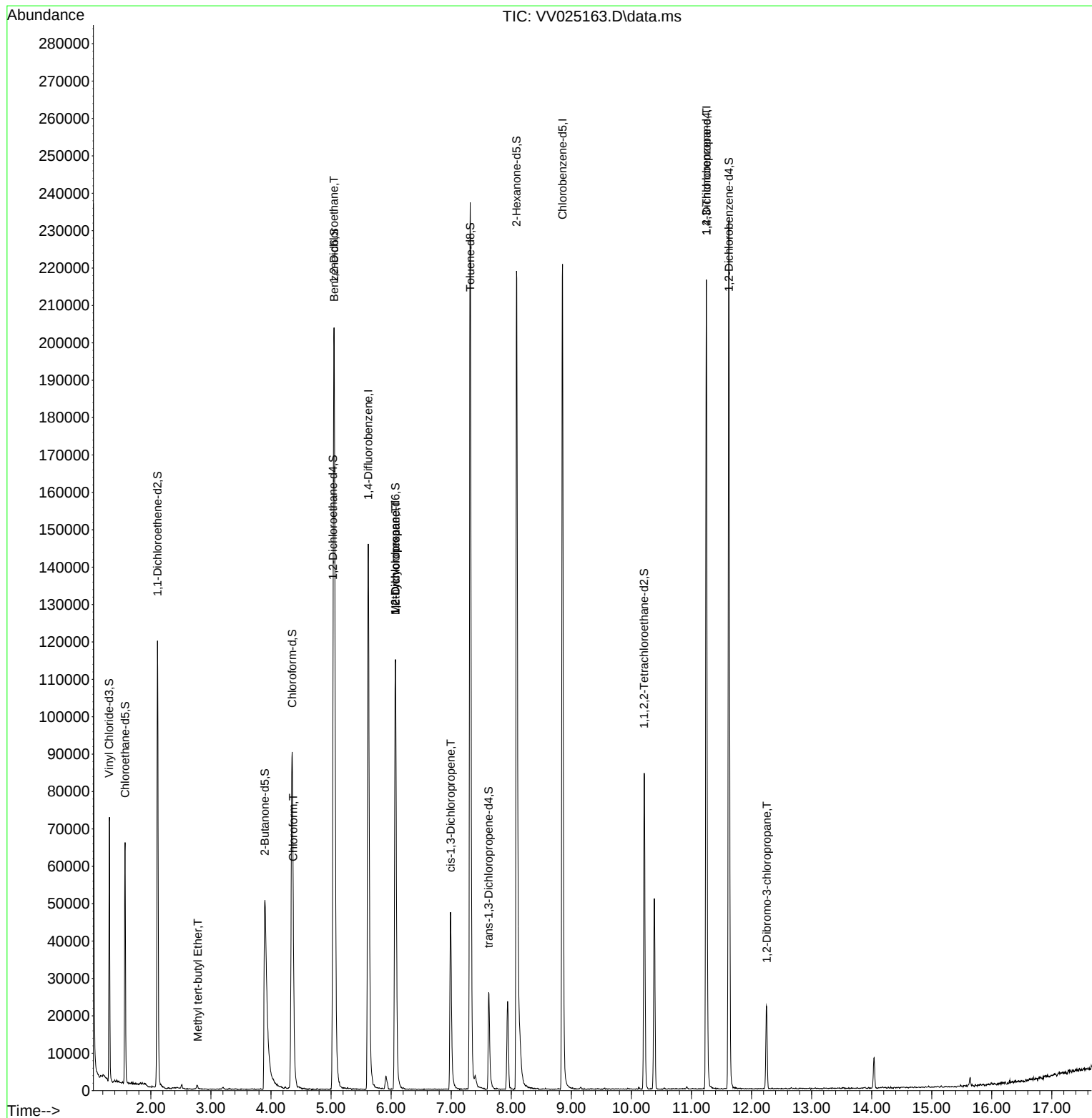
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136264	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44608	4.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.571	69	42142	5.350	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.111	63	61893	3.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.899	46	102907	79.152	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.300%#
24) Chloroform-d	4.352	84	101010	5.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
26) 1,2-Dichloroethane-d4	5.034	65	45219	6.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.200%
32) Benzene-d6	5.053	84	198395	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.072	67	62774	5.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.400%
41) Toluene-d8	7.316	98	166648	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.625	79	17661	4.574	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.088	63	84412	64.099	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.200%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	42222	6.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	61439	6.206	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.200%#
Target Compounds						
17) Methyl tert-butyl Ether	2.780	73	1319	0.070	ug/L #	81
25) Chloroform	4.371	83	1254	0.068	ug/L	96
27) 1,2-Dichloroethane	5.050	62	1022	0.111	ug/L #	71
35) Methylcyclohexane	6.072	83	15062	0.828	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6276	0.632	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1205	0.087	ug/L #	56
61) 1,2,3-Trichloropropane	11.249	75	6887	1.400	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.252	75	731	0.867	ug/L #	1

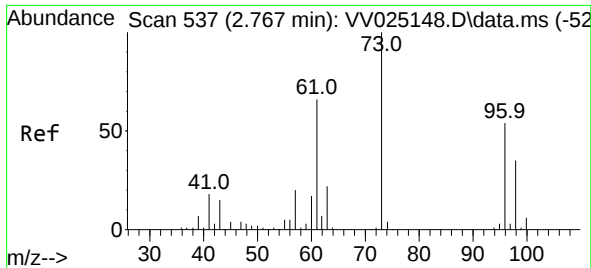
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.070 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.013 min

Lab File: VV025163.D

Acq: 24 Mar 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

C0AG0

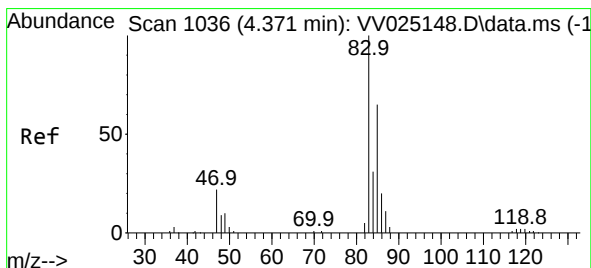
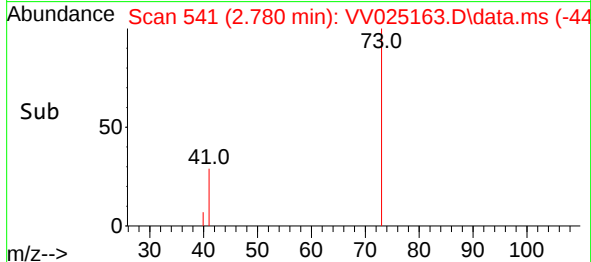
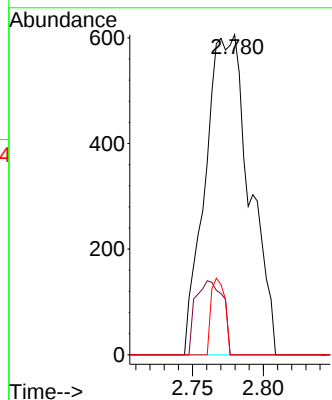
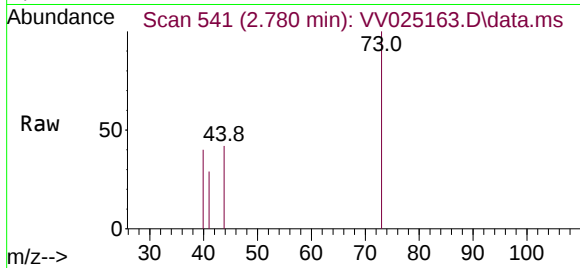
Tgt Ion: 73 Resp: 1319

Ion Ratio Lower Upper

73 100

43 14.1 13.2 19.8

57 7.4 16.7 25.1#



#25

Chloroform

Concen: 0.068 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025163.D

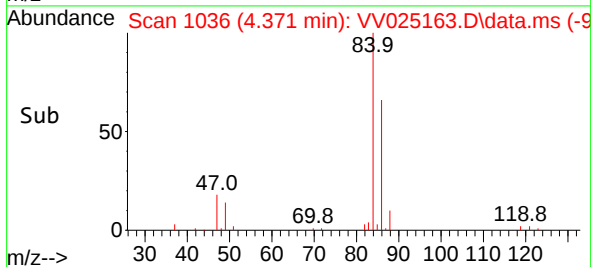
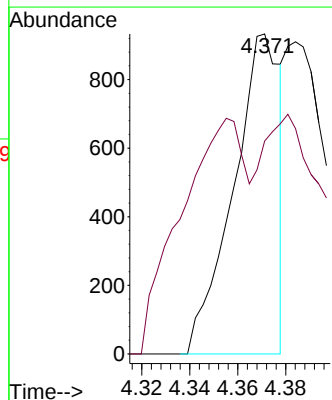
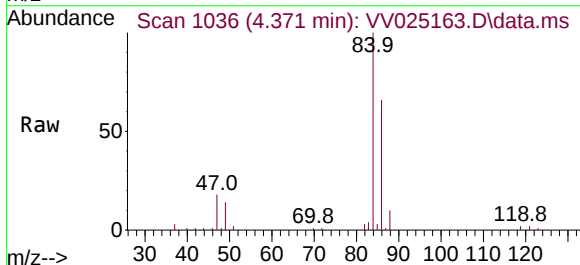
Acq: 24 Mar 2022 20:27

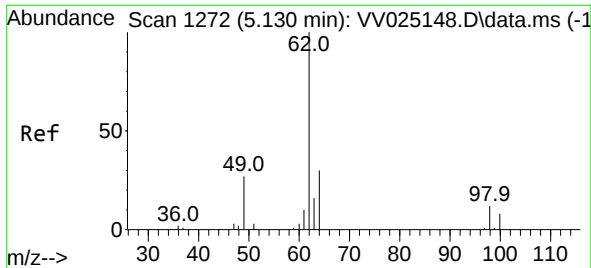
Tgt Ion: 83 Resp: 1254

Ion Ratio Lower Upper

83 100

85 66.6 44.5 82.7

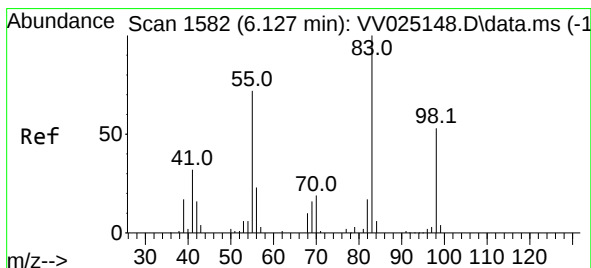
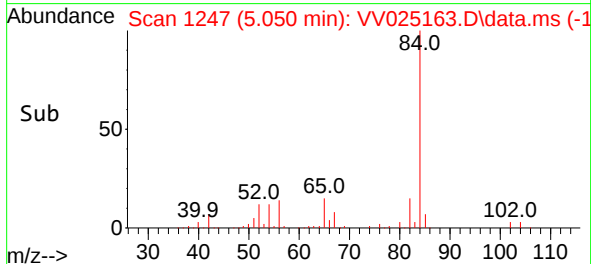
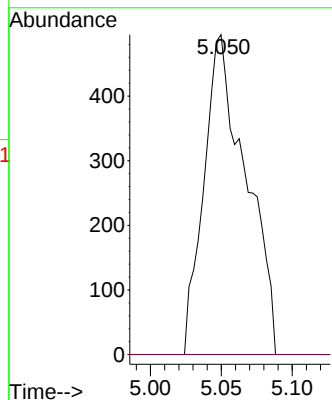
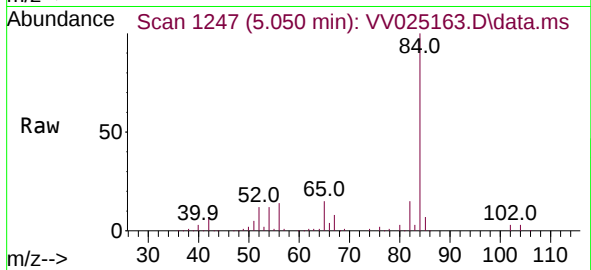




#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.081 min
Lab File: VV025163.D
Acq: 24 Mar 2022 20:27

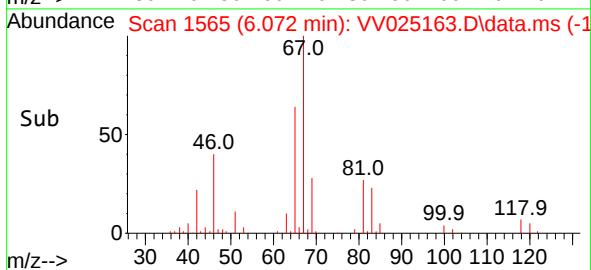
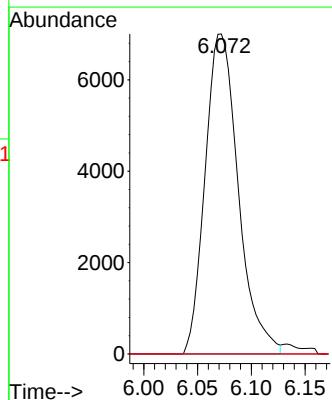
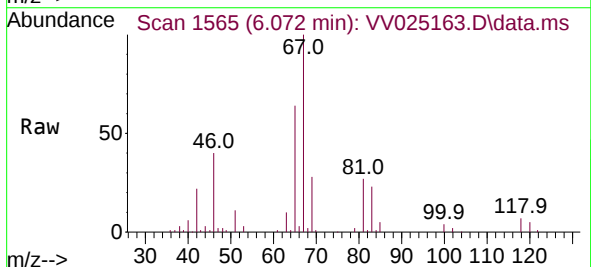
Instrument :
MSVOA_V
ClientSampleId :
C0AG0

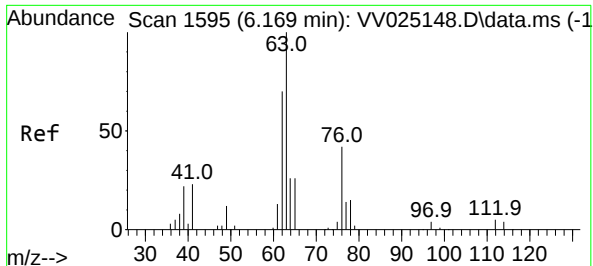
Tgt Ion: 62 Resp: 1022
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#



#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025163.D
Acq: 24 Mar 2022 20:27

Tgt Ion: 83 Resp: 15062
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 2.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025163.D

Acq: 24 Mar 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

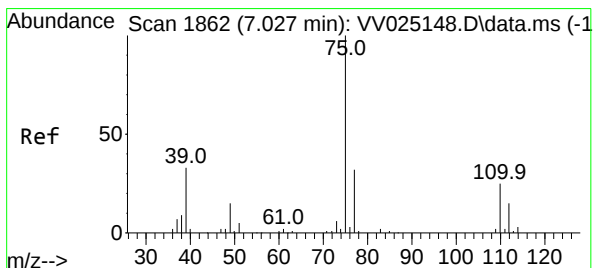
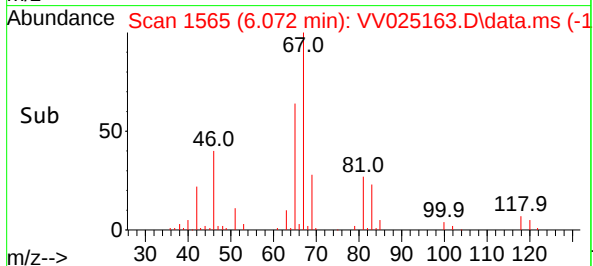
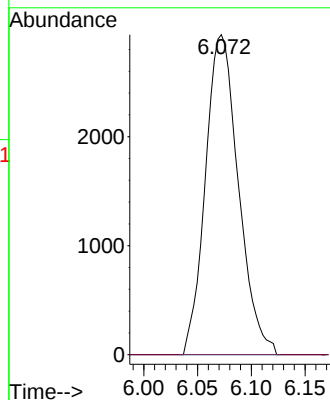
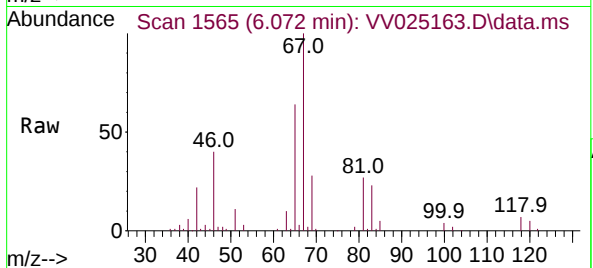
C0AG0

Tgt Ion: 63 Resp: 6276

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV025163.D

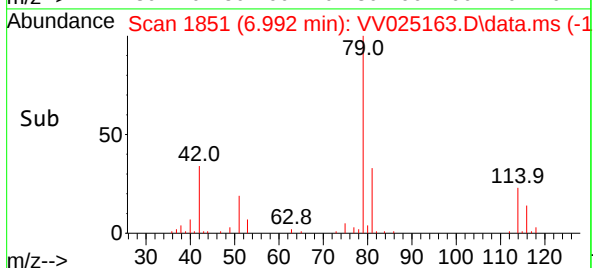
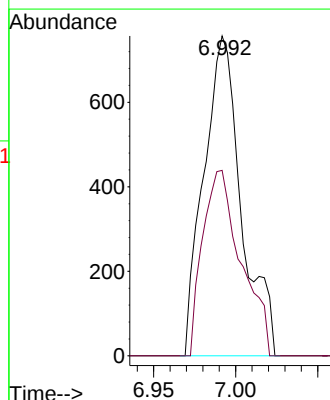
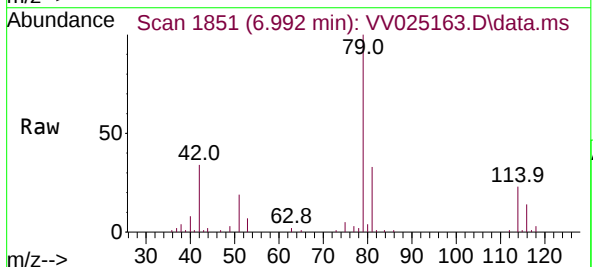
Acq: 24 Mar 2022 20:27

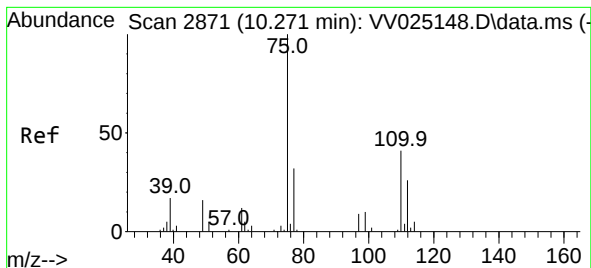
Tgt Ion: 75 Resp: 1205

Ion Ratio Lower Upper

75 100

77 58.0 23.0 42.8#





#61

1,2,3-Trichloropropane

Concen: 1.400 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025163.D

Acq: 24 Mar 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

C0AG0

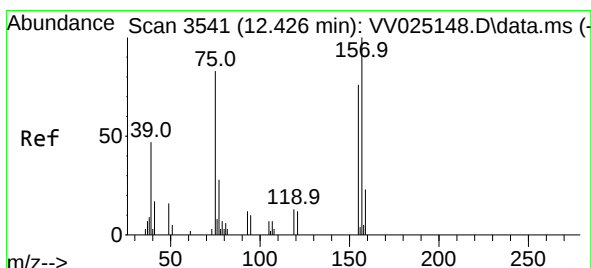
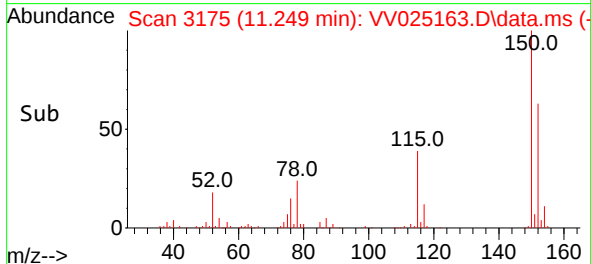
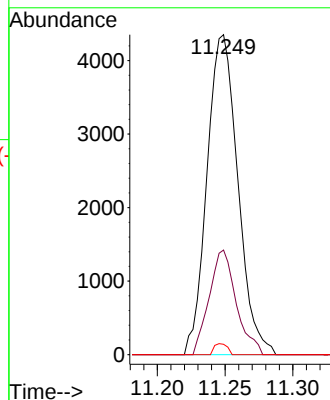
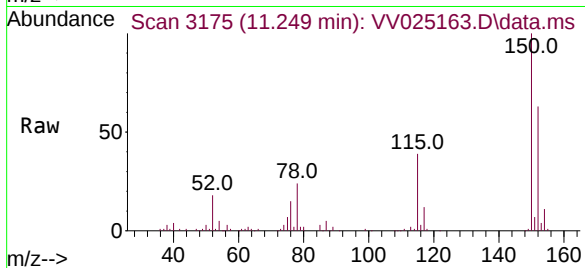
Tgt Ion: 75 Resp: 6887

Ion Ratio Lower Upper

75 100

77 28.6 25.7 38.5

110 1.5 31.2 46.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.867 ug/L

RT: 12.252 min Scan# 3487

Delta R.T. -0.174 min

Lab File: VV025163.D

Acq: 24 Mar 2022 20:27

Tgt Ion: 75 Resp: 731

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

