

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022883.D
 Acq On : 18 Oct 2021 22:18
 Operator : SY/MD
 Sample : M4200-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGG4

Quant Time: Oct 19 04:07:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

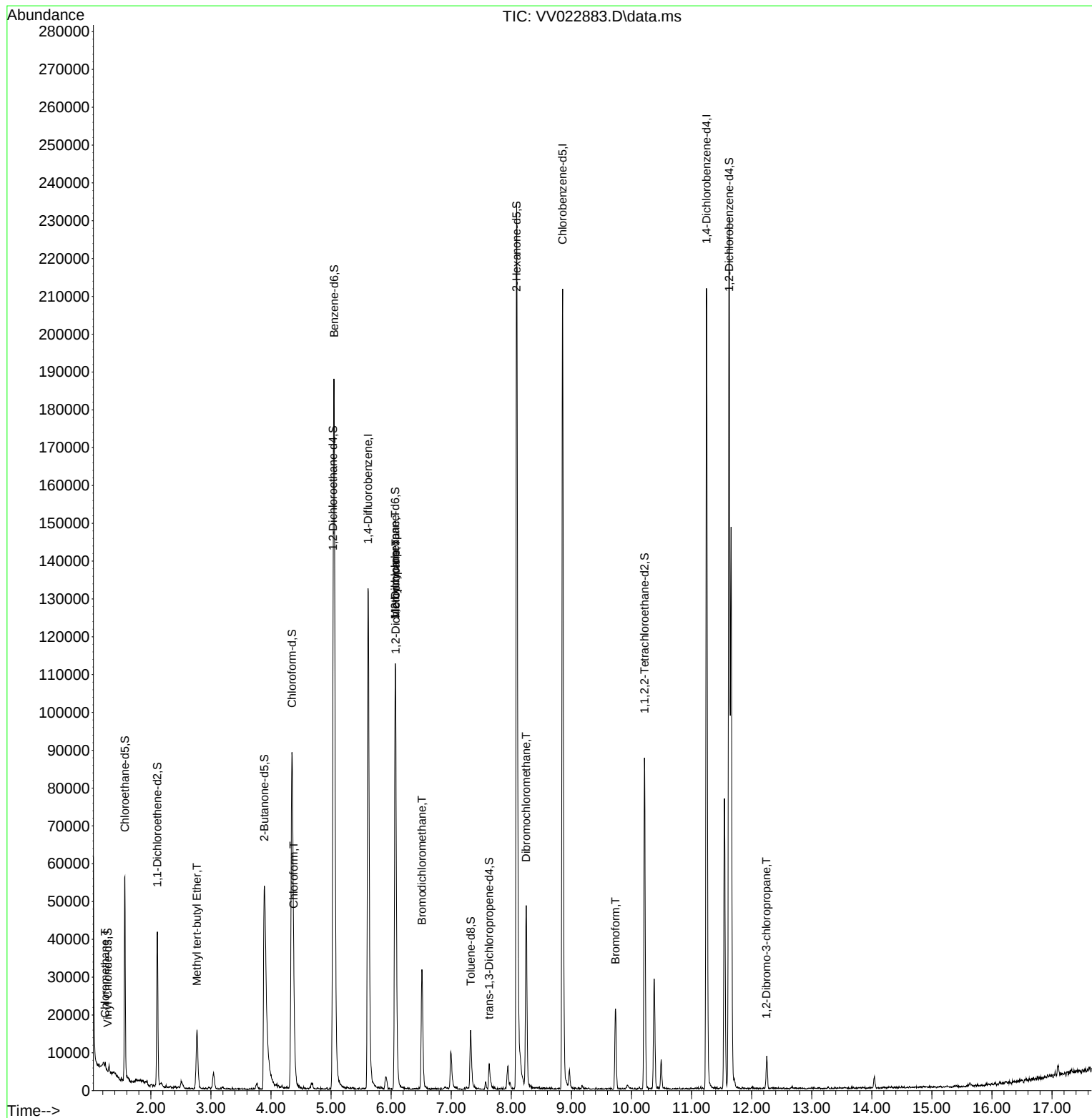
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	119335	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22	0.003	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.568	69	32106	4.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.108	63	20553	1.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	25.600%#
20) 2-Butanone-d5	3.889	46	108636	50.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.920%
24) Chloroform-d	4.349	84	91471	5.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.034	65	42946	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.050	84	171408	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.069	67	56347	5.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.323	98	11342	0.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	7.200%#
43) trans-1,3-Dichloroprop...	7.632	79	4541	1.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	25.800%#
46) 2-Hexanone-d5	8.088	63	80996	56.891	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40573	5.624	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	60425	5.687	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	621	0.071	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	12954	0.743	ug/L #	90
25) Chloroform	4.378	83	15151	0.926	ug/L	98
35) Methylcyclohexane	6.069	83	13043	1.052	ug/L #	16
37) 1,2-Dichloropropane	6.076	63	6095	0.779	ug/L #	84
38) Bromodichloromethane	6.513	83	21645	2.245	ug/L	98
49) Dibromochloromethane	8.246	129	25095	3.692	ug/L	97
59) Bromoform	9.735	173	9599	2.990	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.246	75	250	0.345	ug/L #	1

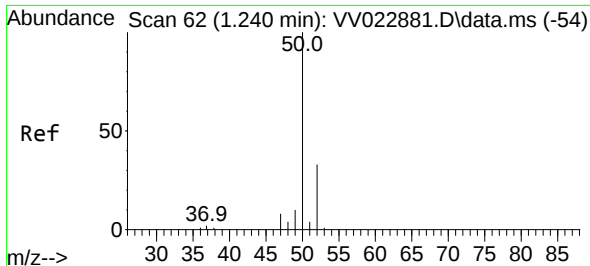
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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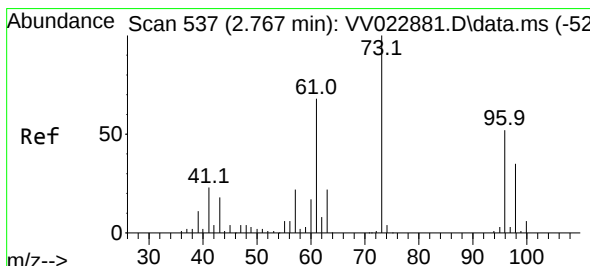
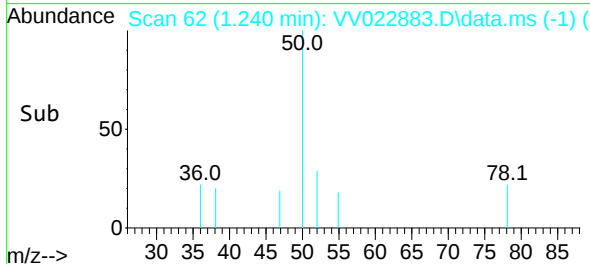
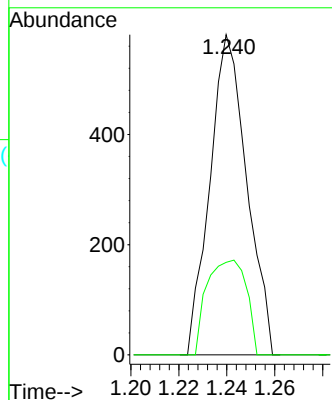
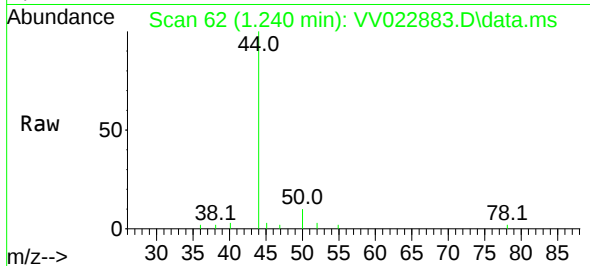




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022883.D
Acq: 18 Oct 2021 22:18

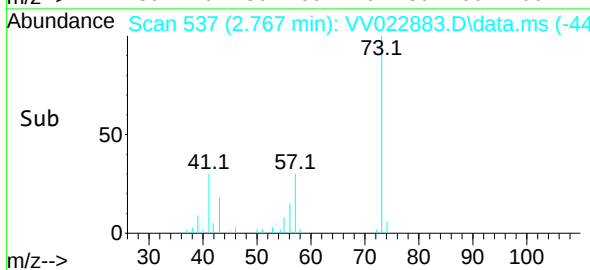
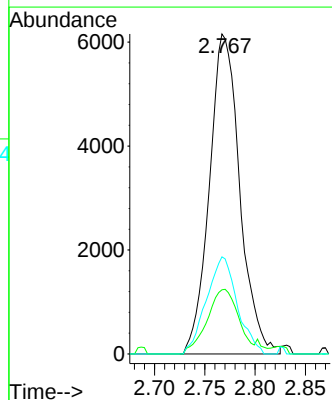
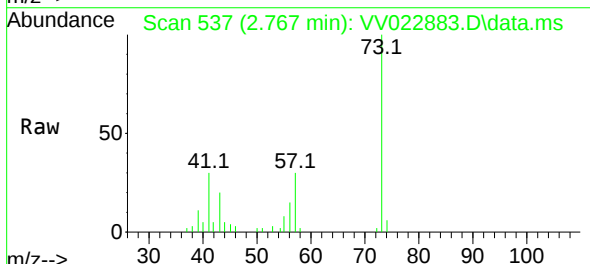
Instrument :
MSVOA_V
ClientSampleId :
BFGG4

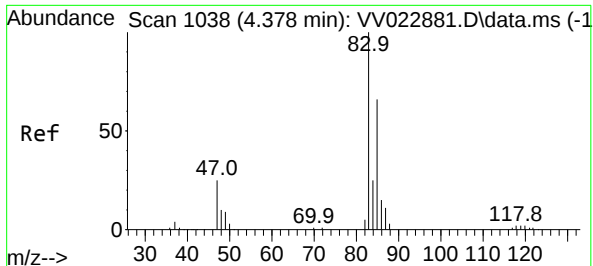
Tgt Ion: 50 Resp: 621
Ion Ratio Lower Upper
50 100
52 28.9 22.9 42.5



#17
Methyl tert-butyl Ether
Concen: 0.743 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022883.D
Acq: 18 Oct 2021 22:18

Tgt Ion: 73 Resp: 12954
Ion Ratio Lower Upper
73 100
43 20.8 17.1 25.7
57 30.7 17.2 25.8#

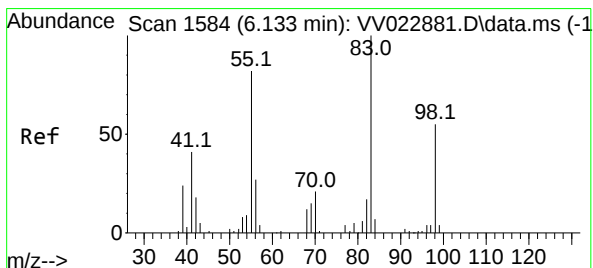
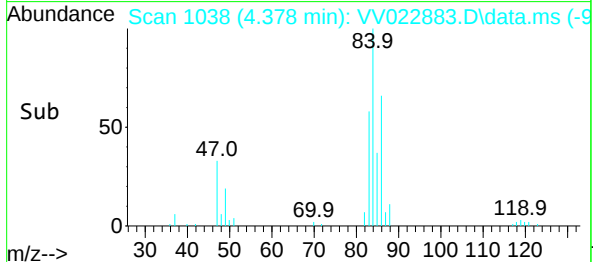
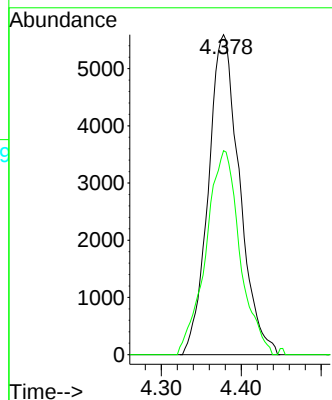
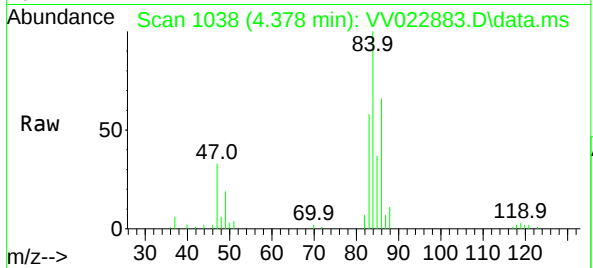




#25
Chloroform
Concen: 0.926 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV022883.D
Acq: 18 Oct 2021 22:18

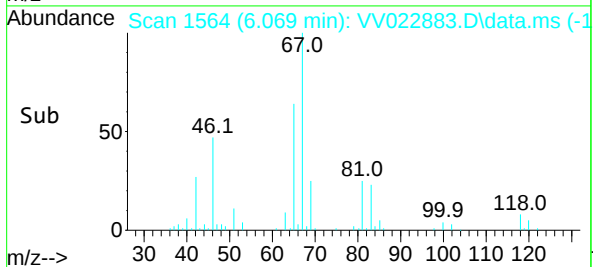
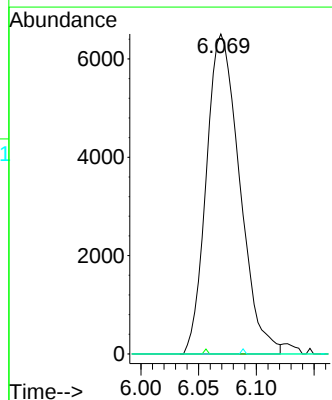
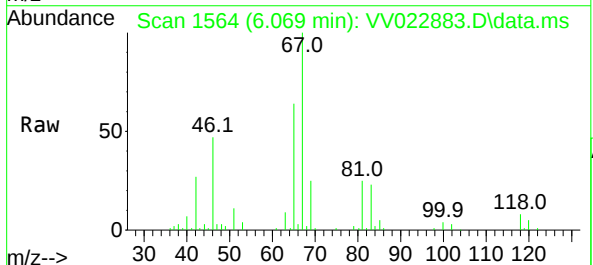
Instrument :
MSVOA_V
ClientSampled :
BFGG4

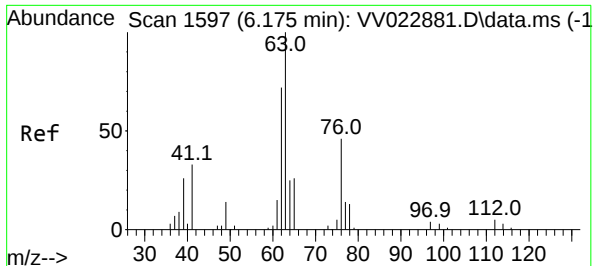
Tgt Ion: 83 Resp: 15151
Ion Ratio Lower Upper
83 100
85 63.7 45.7 84.9



#35
Methylcyclohexane
Concen: 1.052 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV022883.D
Acq: 18 Oct 2021 22:18

Tgt Ion: 83 Resp: 13043
Ion Ratio Lower Upper
83 100
55 0.1 63.8 95.6#
98 0.2 42.1 63.1#



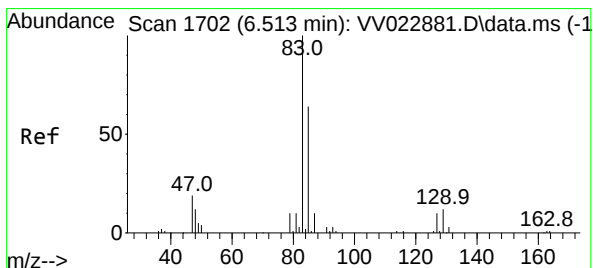
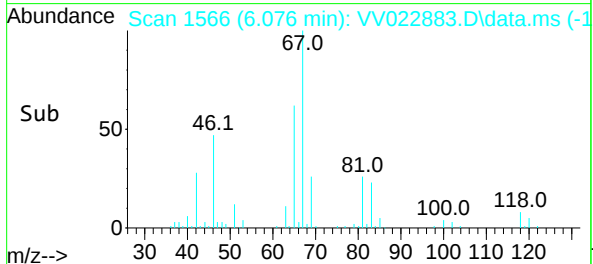
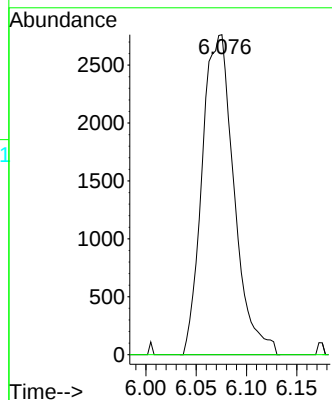
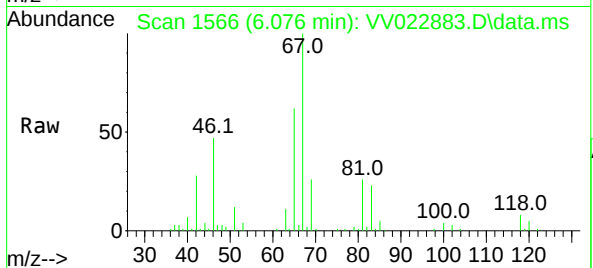


#37

1,2-Dichloropropane
Concen: 0.779 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV022883.D
Acq: 18 Oct 2021 22:18

Instrument :
MSVOA_V
ClientSampleId :
BFGG4

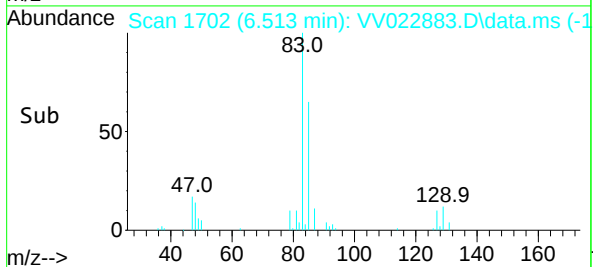
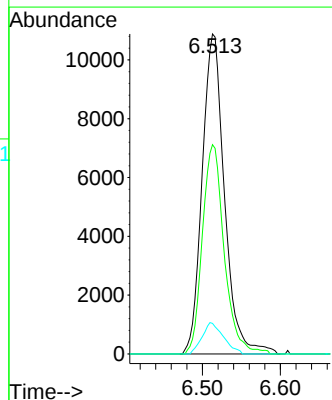
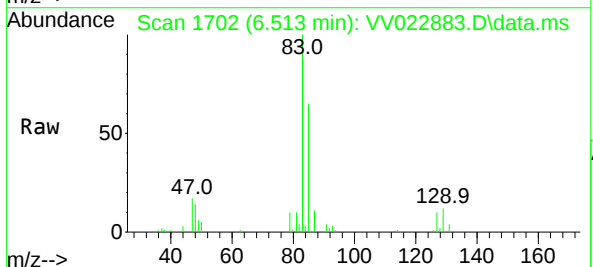
Tgt Ion: 63 Resp: 6095
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

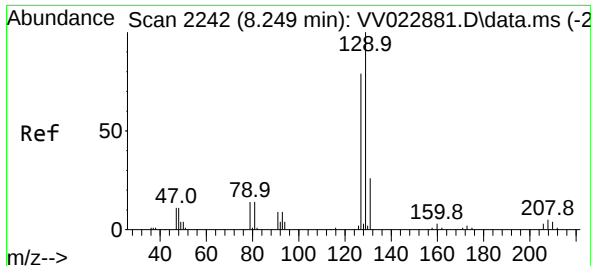


#38

Bromodichloromethane
Concen: 2.245 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV022883.D
Acq: 18 Oct 2021 22:18

Tgt Ion: 83 Resp: 21645
Ion Ratio Lower Upper
83 100
85 65.4 44.3 82.3
127 9.5 7.7 11.5





#49

Dibromochloromethane

Concen: 3.692 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV022883.D

Acq: 18 Oct 2021 22:18

Tgt Ion:129 Resp: 25095

Ion Ratio Lower Upper

129 100

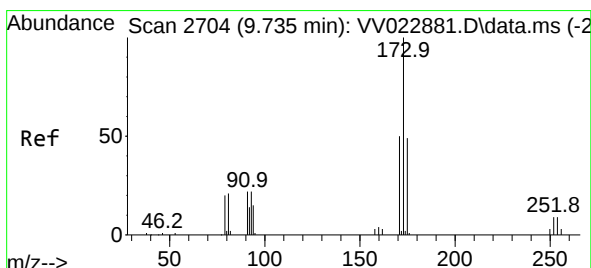
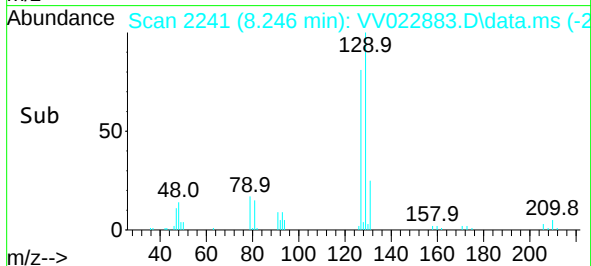
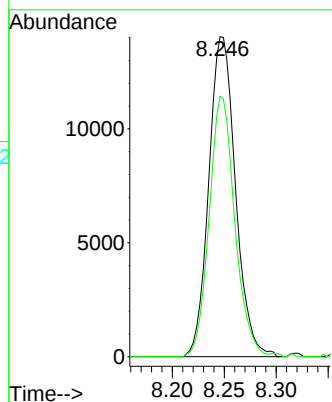
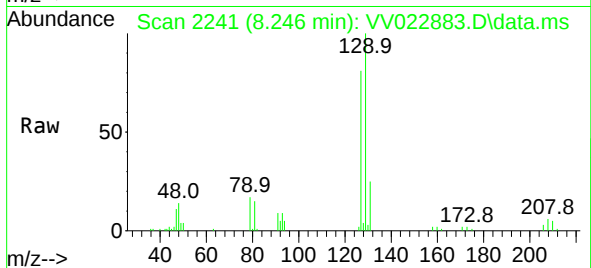
127 81.4 59.1 109.9

Instrument :

MSVOA_V

ClientSampleId :

BFGG4



#59

Bromoform

Concen: 2.990 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. -0.000 min

Lab File: VV022883.D

Acq: 18 Oct 2021 22:18

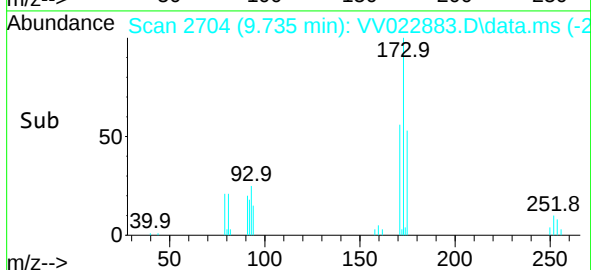
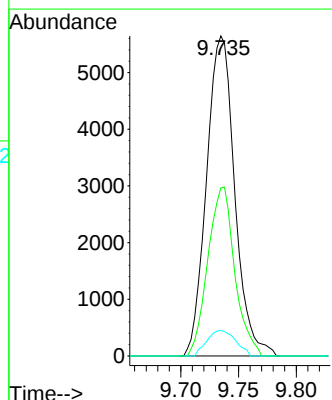
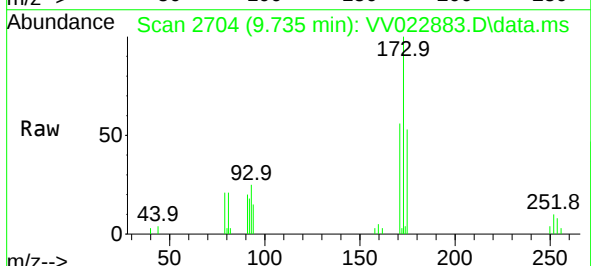
Tgt Ion:173 Resp: 9599

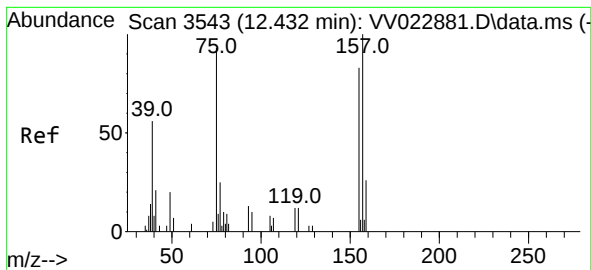
Ion Ratio Lower Upper

173 100

175 50.2 38.3 57.5

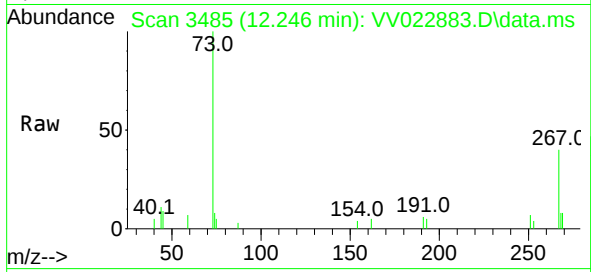
254 8.1 7.1 10.7





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.345 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.186 min
 Lab File: VV022883.D
 Acq: 18 Oct 2021 22:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGG4



Tgt Ion: 75 Resp: 250
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#

