

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

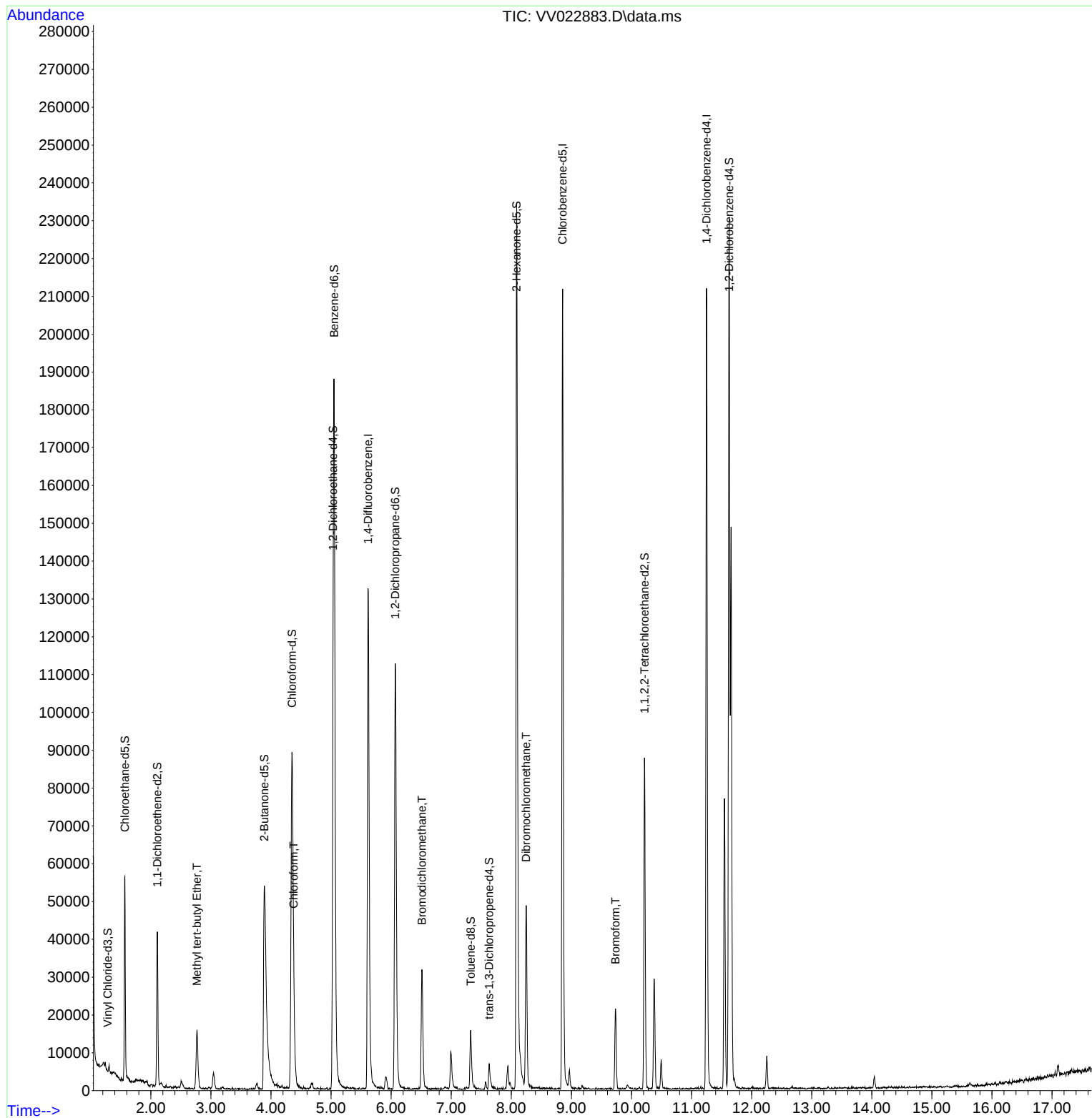
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	119335	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120799	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57307	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22	0.00	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.568	69	32106	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.108	63	20553	1.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	25.60%#
20) 2-Butanone-d5	3.889	46	108636	50.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.92%
24) Chloroform-d	4.349	84	91471	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.034	65	42946	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.050	84	171408	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.069	67	56347	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.323	98	11342	0.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	7.20%#
43) trans-1,3-Dichloroprop...	7.632	79	4541	1.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	25.80%#
46) 2-Hexanone-d5	8.088	63	80996	56.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.78%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40573	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	60425	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%
Target Compounds						
17) Methyl tert-butyl Ether	2.767	73	12954	0.74	ug/L	# 90
25) Chloroform	4.378	83	15151	0.93	ug/L	98
38) Bromodichloromethane	6.513	83	21645	2.25	ug/L	98
49) Dibromochloromethane	8.246	129	25095	3.69	ug/L	97
59) Bromoform	9.735	173	9599	2.99	ug/L	97

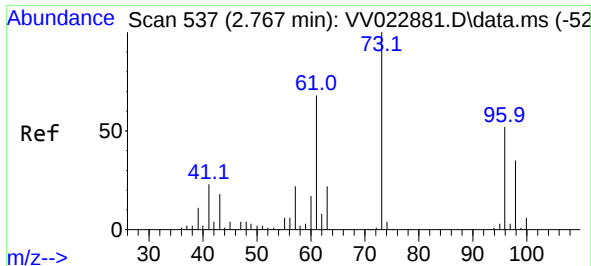
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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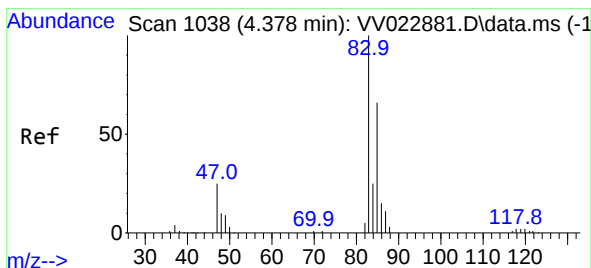
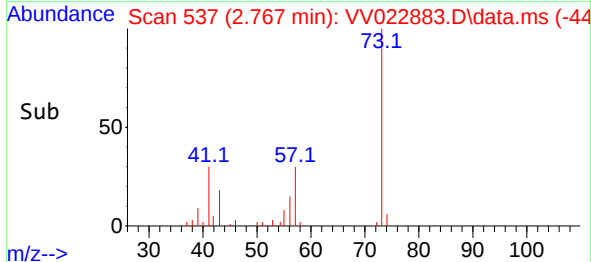
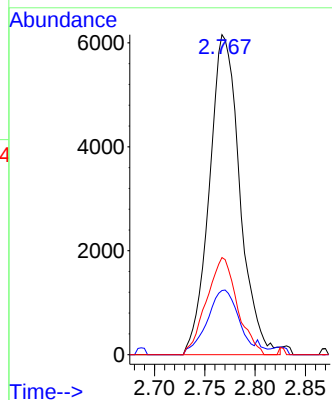
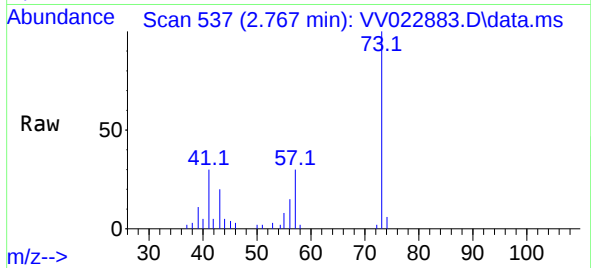




#17
Methyl tert-butyl Ether
Concen: 0.74 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022883.D
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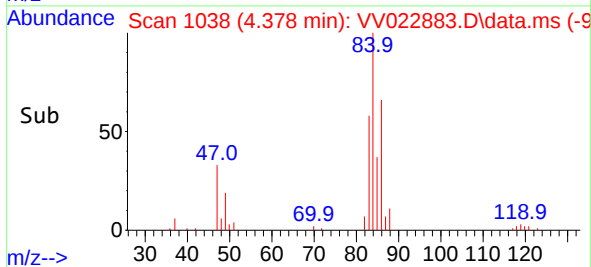
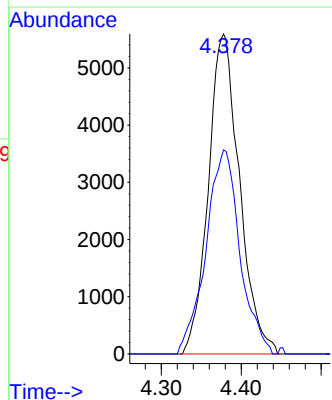
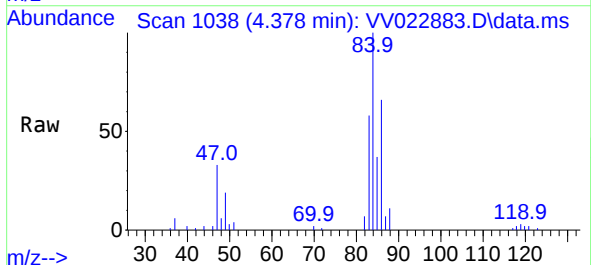
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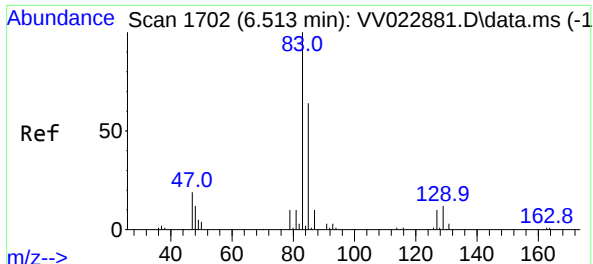
Tgt Ion:	73	Resp:	12954
Ion	Ratio	Lower	Upper
73	100		
43	20.8	17.1	25.7
57	30.7	17.2	25.8#



#25
Chloroform
Concen: 0.93 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV022883.D
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Tgt Ion:	83	Resp:	15151
Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.7	84.9



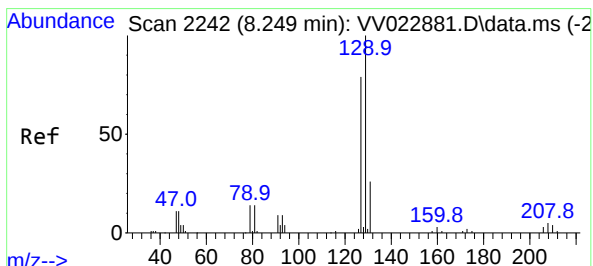
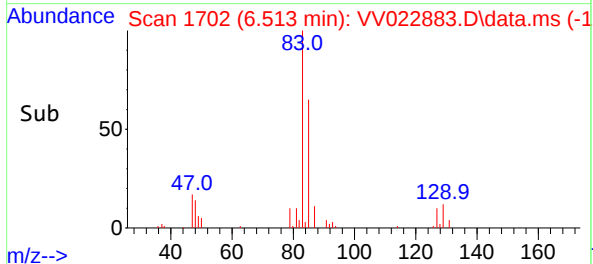
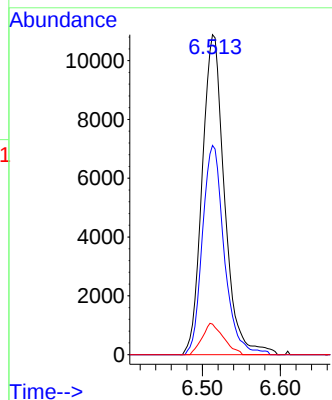
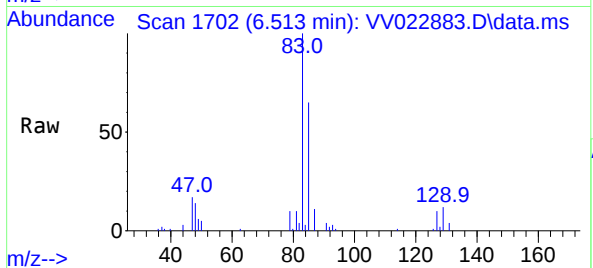


#38
Bromodichloromethane
Concen: 2.25 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
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Tgt Ion: 83 Resp: 21645

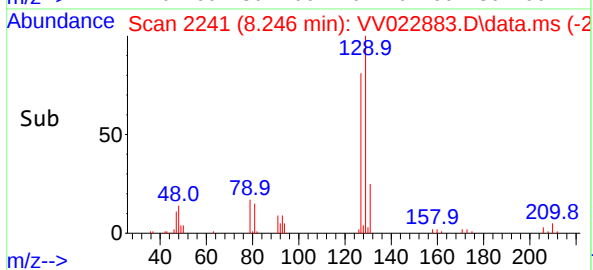
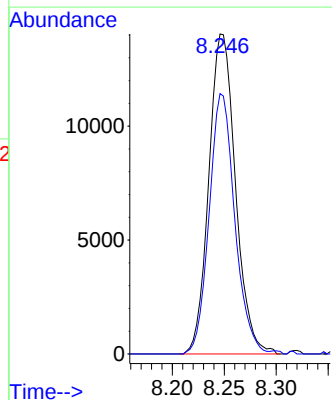
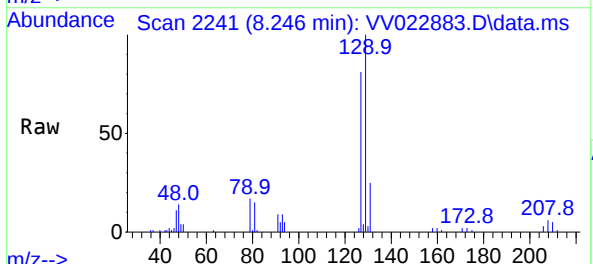
Ion	Ratio	Lower	Upper
83	100		
85	65.4	44.3	82.3
127	9.5	7.7	11.5

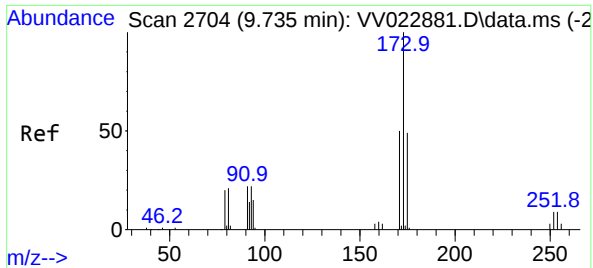


#49
Dibromochloromethane
Concen: 3.69 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022883.D
Acq: 18 Oct 2021 22:18

Tgt Ion: 129 Resp: 25095

Ion	Ratio	Lower	Upper
129	100		
127	81.4	59.1	109.9





#59
 Bromoform
 Concen: 2.99 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. -0.000 min
 Lab File: VV022883.D
 Acq: 18 Oct 2021 22:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGG4

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

