

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023981.D
 Acq On : 15 Dec 2021 13:37
 Operator : SY/MD
 Sample : M5005-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW218

Quant Time: Dec 16 04:49:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

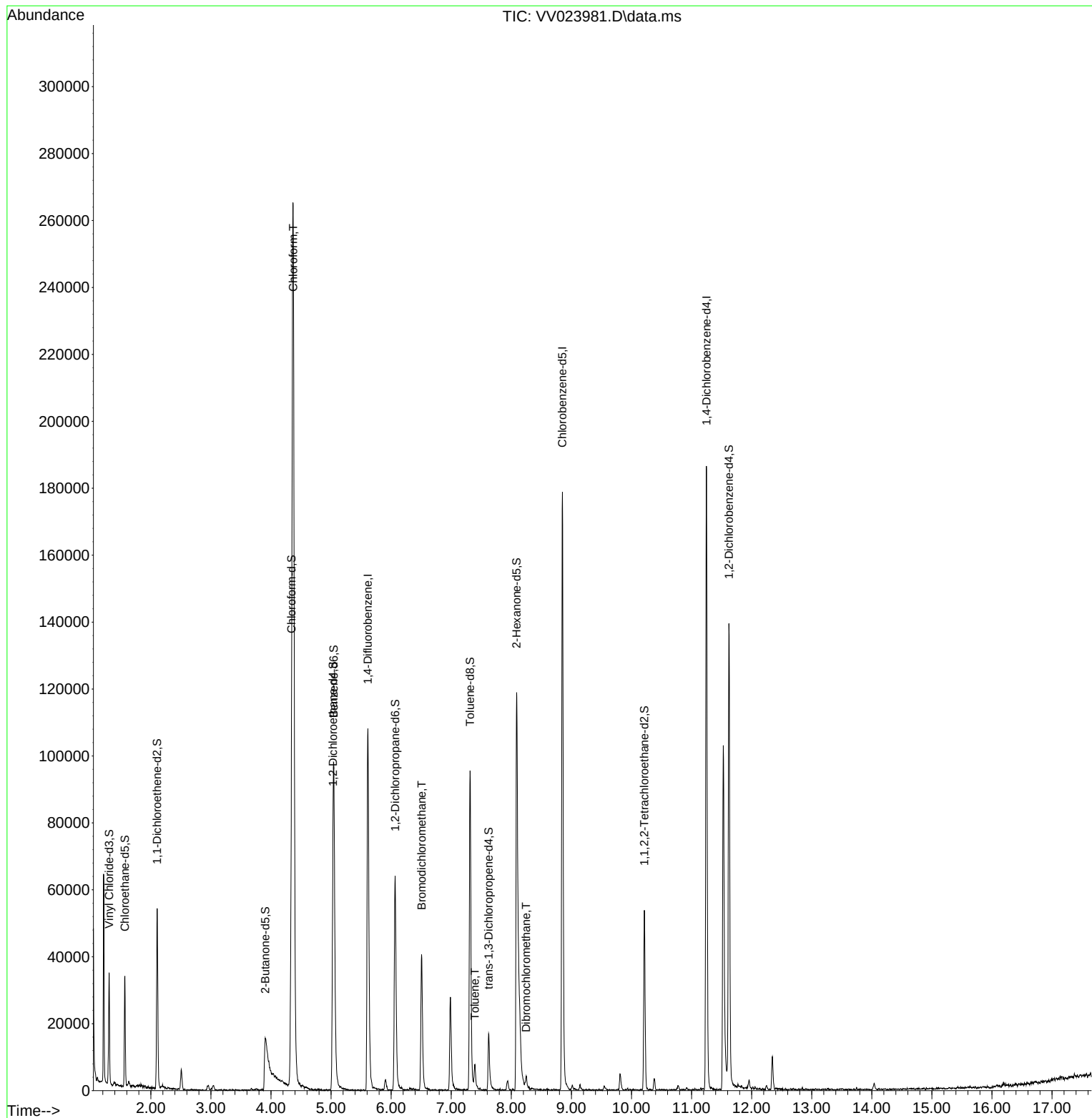
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	97203	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	103167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18504	3.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.568	69	18747	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.104	63	26713	2.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.400%#
20) 2-Butanone-d5	3.905	46	39492	38.683	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.360%
24) Chloroform-d	4.342	84	68519	5.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	5.030	65	28945	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.043	84	86645	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	29291	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.313	98	64248	3.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.800%#
43) trans-1,3-Dichloroprop...	7.622	79	10566	4.131	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.088	63	52673	46.007	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.020%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	24188	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	36057	5.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
25) Chloroform	4.368	83	238672	16.571	ug/L	99
38) Bromodichloromethane	6.506	83	27454	2.794	ug/L	97
42) Toluene	7.390	91	5754	0.175	ug/L	100
49) Dibromochloromethane	8.246	129	934	0.134	ug/L	100

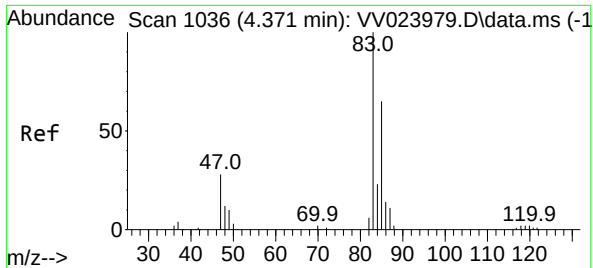
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 16.571 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.003 min

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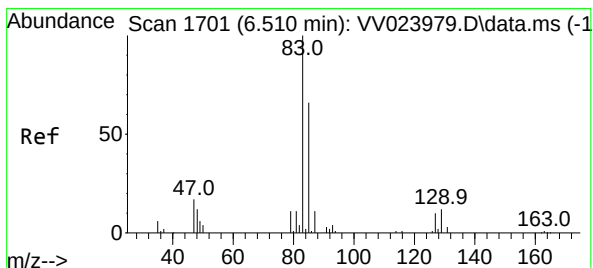
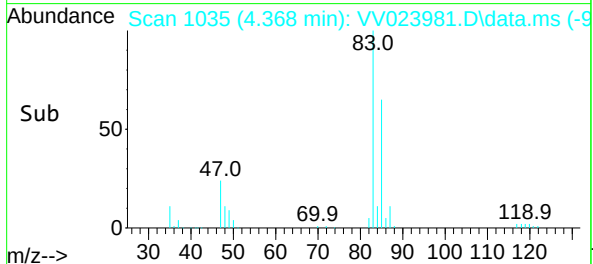
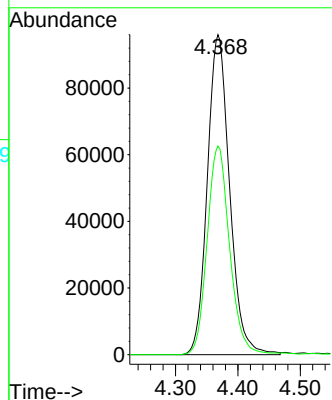
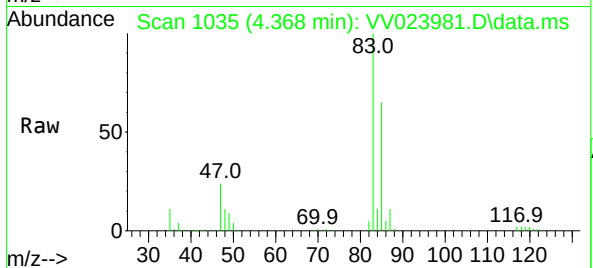
EW218

Tgt Ion: 83 Resp: 238672

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0



#38

Bromodichloromethane

Concen: 2.794 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

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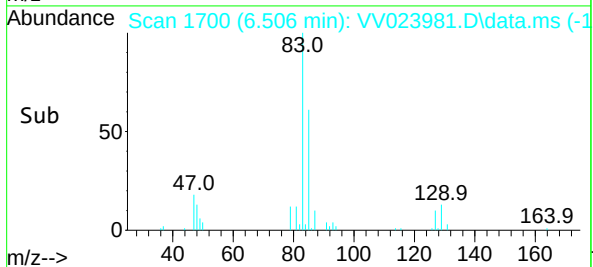
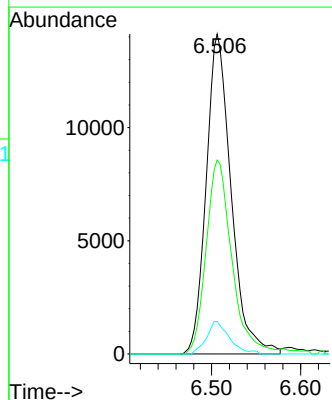
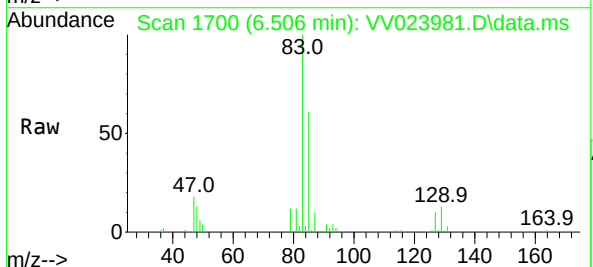
Tgt Ion: 83 Resp: 27454

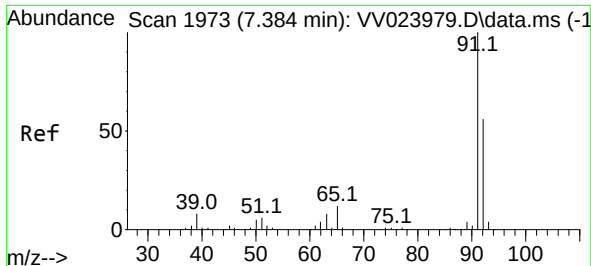
Ion Ratio Lower Upper

83 100

85 60.6 44.0 81.8

127 10.2 8.6 12.8





#42

Toluene

Concen: 0.175 ug/L

RT: 7.390 min Scan# 1973

Delta R.T. 0.006 min

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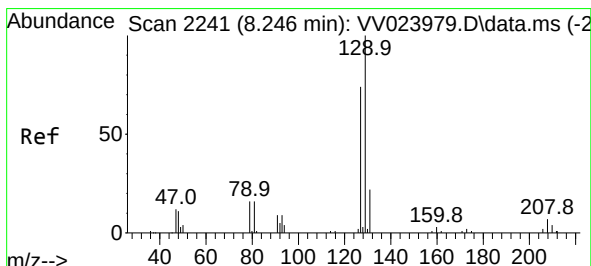
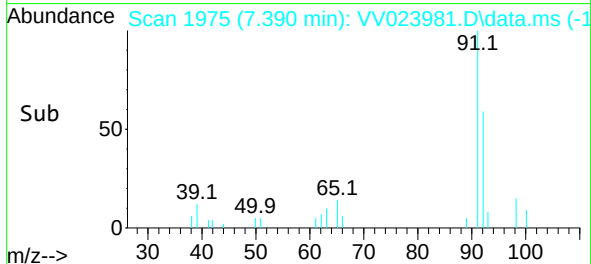
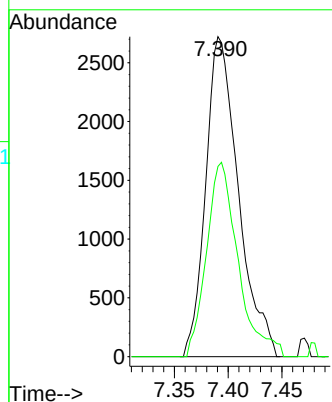
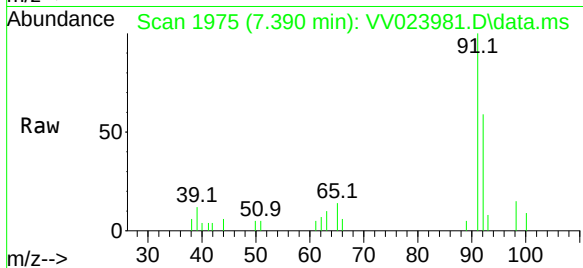
EW218

Tgt Ion: 91 Resp: 5754

Ion Ratio Lower Upper

91 100

92 59.4 41.5 77.1



#49

Dibromochloromethane

Concen: 0.134 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV023981.D

Acq: 15 Dec 2021 13:37

Tgt Ion: 129 Resp: 934

Ion Ratio Lower Upper

129 100

127 76.5 53.5 99.3

