

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101519\
 Data File : VV013170.D
 Acq On : 15 Oct 2019 16:43
 Operator : SY/MD
 Sample : K5378-08
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 15 18:47:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 18:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	698130	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	663427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	244090	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	249428	56.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.04%
7) Chloroethane-d5	1.58	69	206104	56.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.96%
11) 1,1-Dichloroethene-d2	2.13	63	335134	40.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.52%
21) 2-Butanone-d5	3.96	46	309192	93.18	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	4.40	84	467313	55.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.02%
26) 1,2-Dichloroethane-d4	5.08	65	293204	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.98%
32) Benzene-d6	5.10	84	978179	55.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.52%
36) 1,2-Dichloropropane-d6	6.12	67	304513	54.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.82%
41) Toluene-d8	7.36	98	833360	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%
43) trans-1,3-Dichloropropene-	7.66	79	120644	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.04%
47) 2-Hexanone-d5	8.14	63	175733	79.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	320156	44.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.48%
64) 1,2-Dichlorobenzene-d4	11.67	152	291137	60.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.76%#

Target Compounds

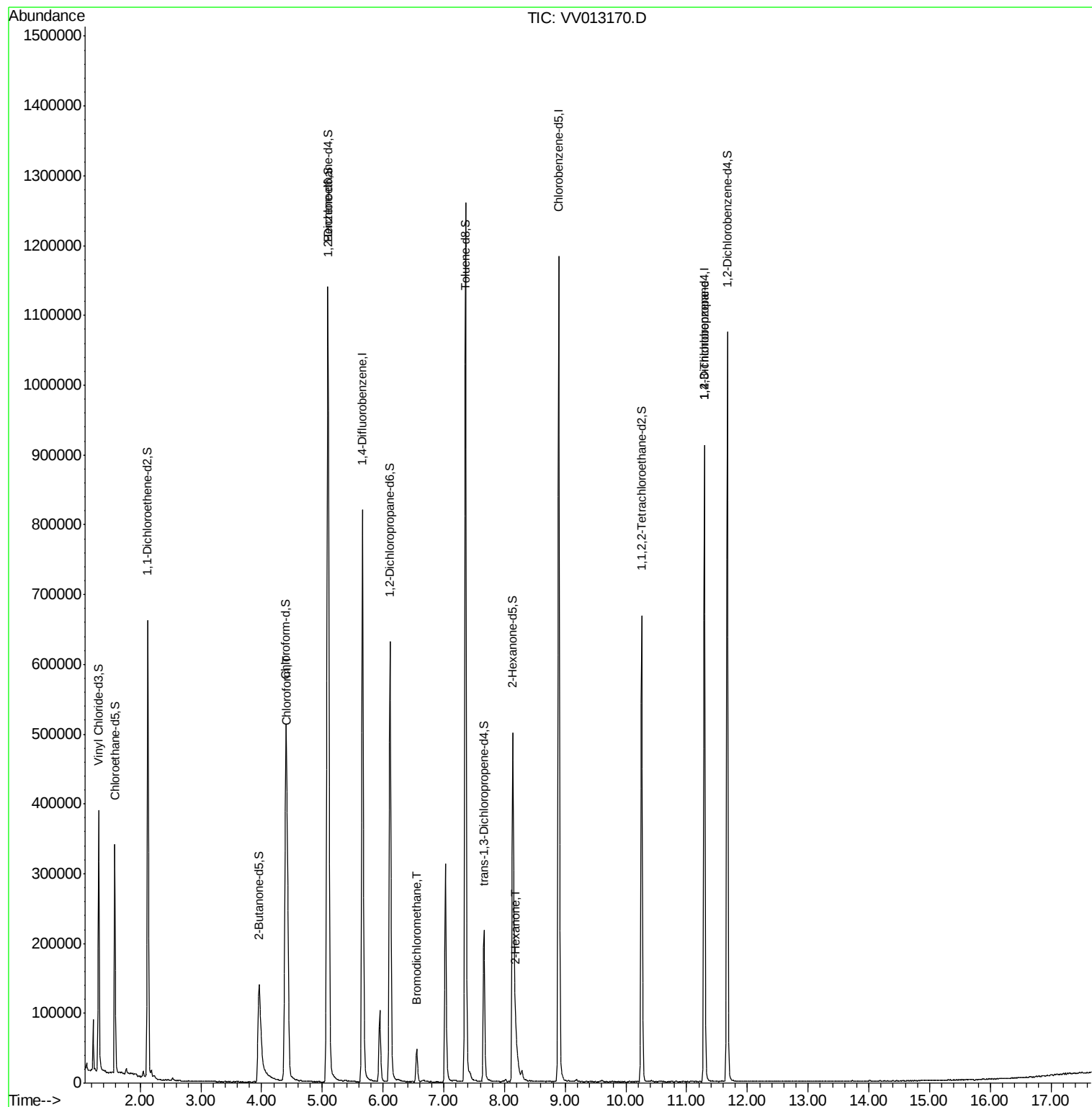
					Ovalue
25) Chloroform	4.42	83	227790	25.517	ug/L 100
38) Bromodichloromethane	6.56	83	32179	4.833	ug/L 97
48) 2-Hexanone	8.19	43	30541	5.766	ug/L # 81
59) 1,2,3-Trichloropropane	11.29	75	27567	4.328	ug/L 96

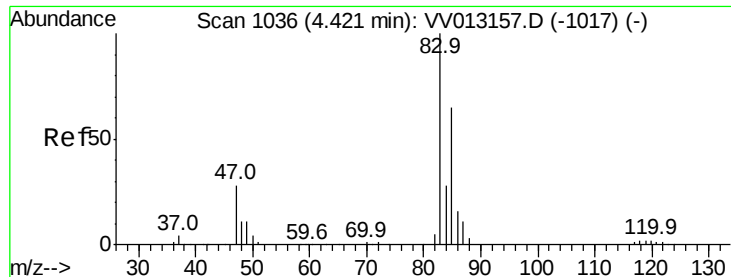
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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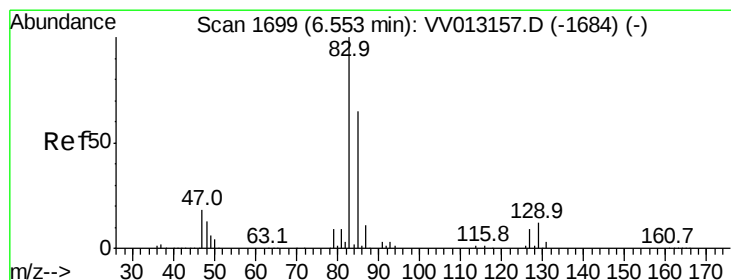
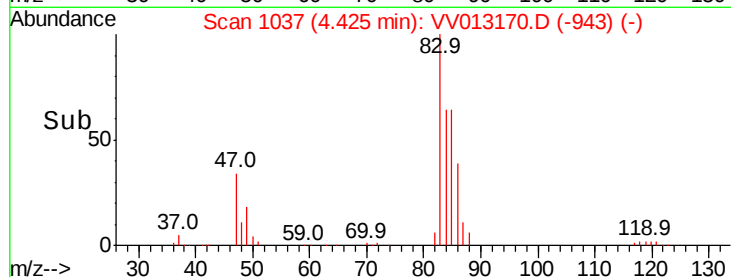
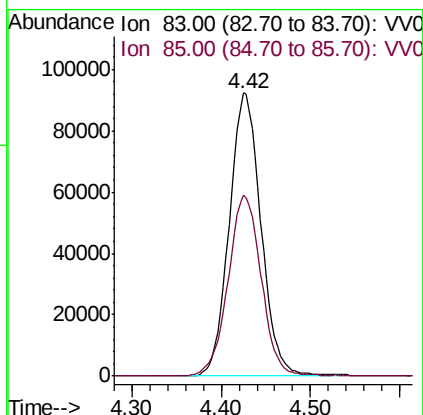
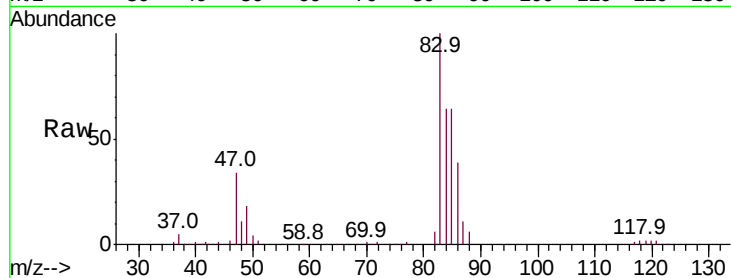




#25
Chloroform
Concen: 25.517 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013170.D
Acq: 15 Oct 2019 16:43

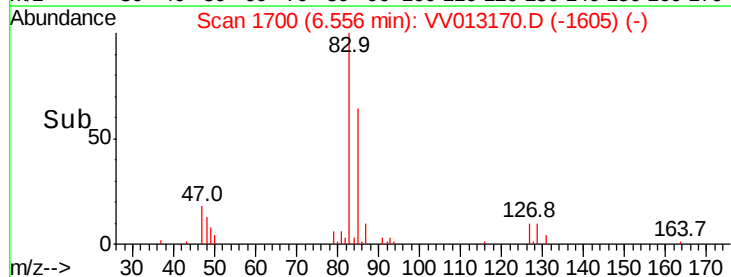
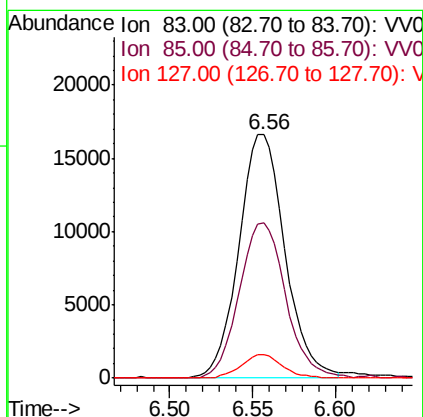
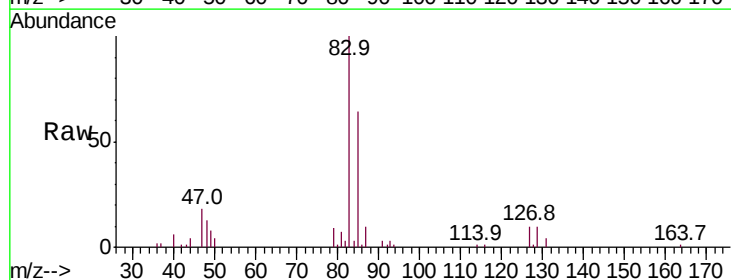
Instrument :
MSVOA_V
ClientSampleId :

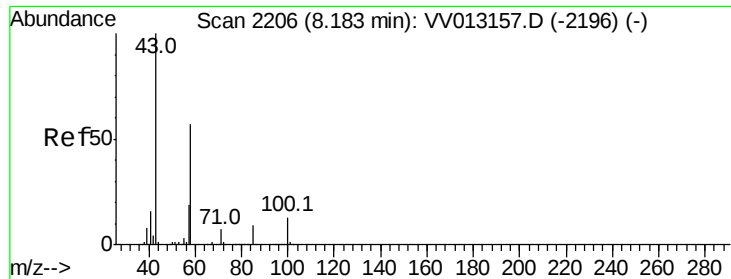
Tot Ion: 83 Resp: 227790
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9



#38
Bromodichloromethane
Concen: 4.833 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.01 min
Lab File: VV013170.D
Acq: 15 Oct 2019 16:43

Tgt Ion: 83 Resp: 32179
Ion Ratio Lower Upper
83 100
85 63.6 45.8 85.0
127 11.0 7.4 11.0

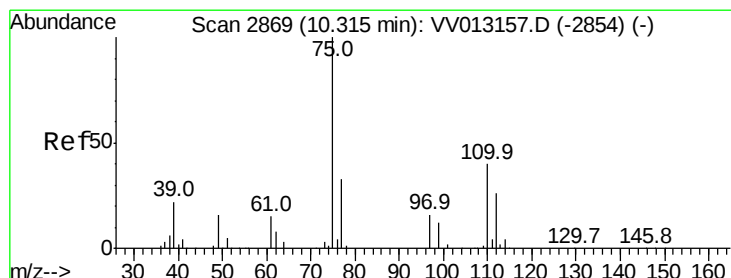
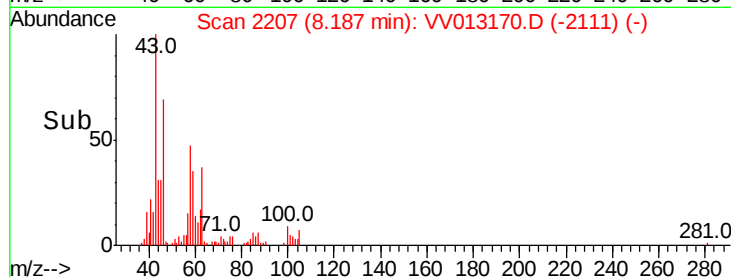
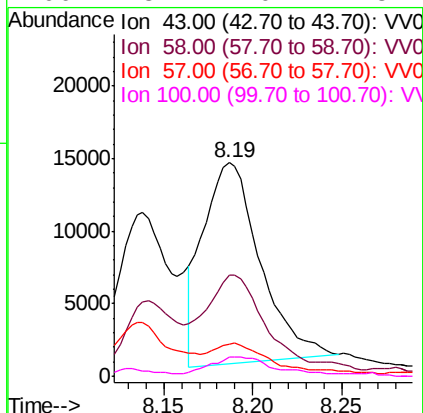
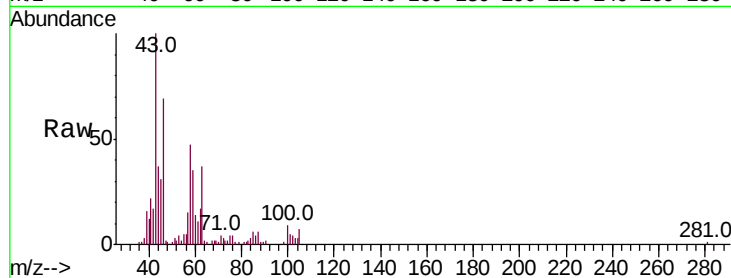




#48
 2-Hexanone
 Concen: 5.766 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: VV013170.D
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Tot Ion: 43 Resp: 30541
 Ion Ratio Lower Upper
 43 100
 58 40.7 44.9 67.3#
 57 12.1 15.0 22.6#
 100 5.2 10.2 15.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.328 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV013170.D
 Acq: 15 Oct 2019 16:43

Tgt Ion: 75 Resp: 27567
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.7 38.5

