

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101519\
 Data File : VV013163.D
 Acq On : 15 Oct 2019 13:47
 Operator : SY/MD
 Sample : K5191-01
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 15 18:16:10 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	851073	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	827968	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	397155	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	304055	56.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.04%
7) Chloroethane-d5	1.58	69	258795	58.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.38%
11) 1,1-Dichloroethene-d2	2.13	63	424453	41.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.66%
21) 2-Butanone-d5	3.92	46	405967	100.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.36%
24) Chloroform-d	4.40	84	459541	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
26) 1,2-Dichloroethane-d4	5.08	65	345763	54.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.32%
32) Benzene-d6	5.10	84	1157855	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
36) 1,2-Dichloropropane-d6	6.12	67	365849	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.72%
41) Toluene-d8	7.36	98	1000727	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%
43) trans-1,3-Dichloropropene-	7.66	79	145443	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.78%
47) 2-Hexanone-d5	8.13	63	223673	81.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	267407	29.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.88%#
64) 1,2-Dichlorobenzene-d4	11.67	152	395425	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

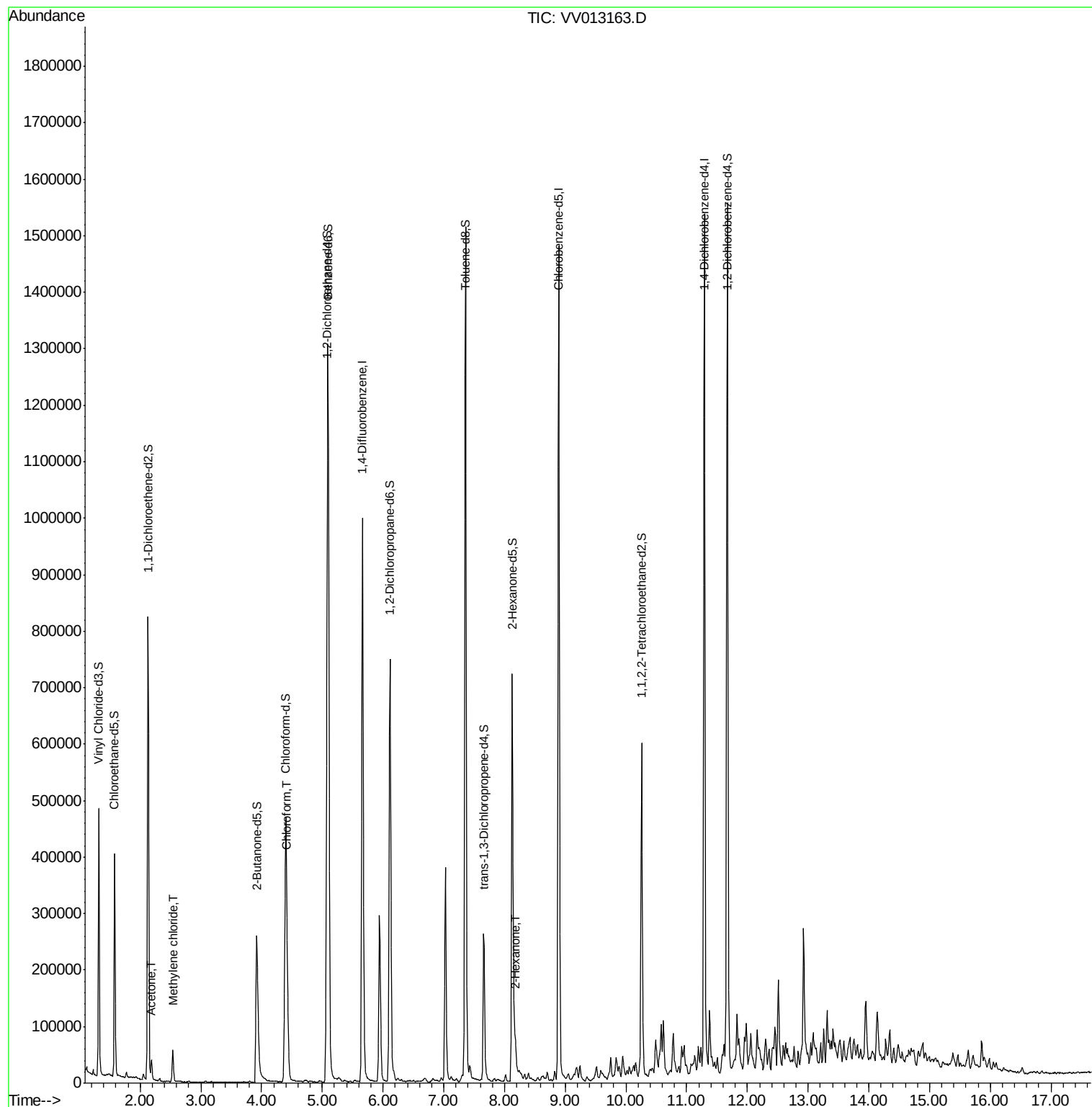
					Ovalue
13) Acetone	2.18	43	23593	6.352	ug/L 100
16) Methylene chloride	2.54	84	21958	3.497	ug/L 98
25) Chloroform	4.42	83	92030	8.457	ug/L 100
48) 2-Hexanone	8.18	43	36338	5.497	ug/L # 82

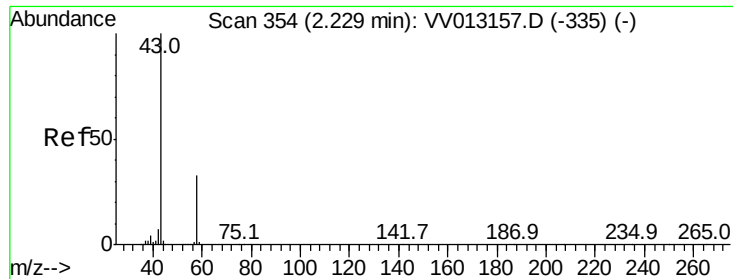
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.352 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013163.D

Acq: 15 Oct 2019 13:47

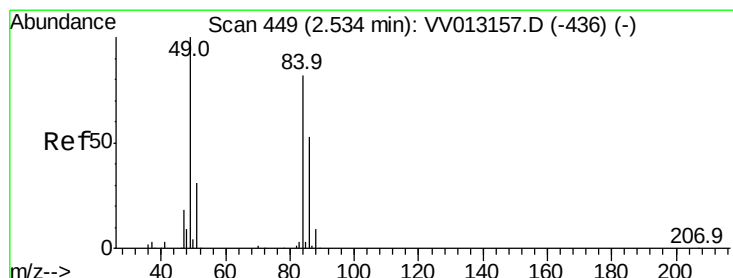
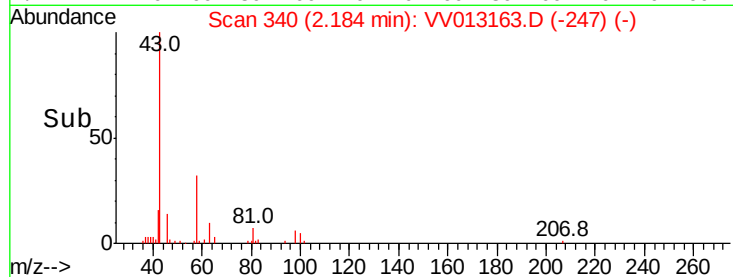
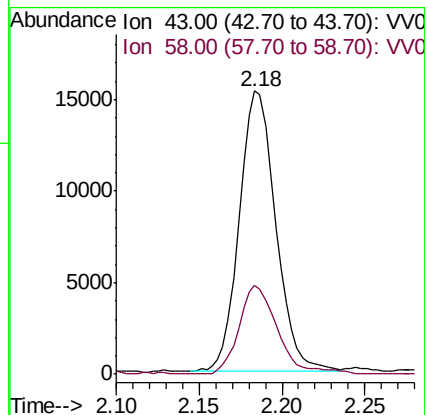
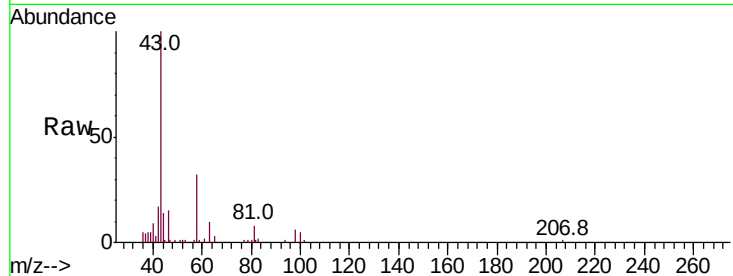
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 23593

Ion Ratio Lower Upper

43 100

58 33.3 0.0 66.2



#16

Methylene chloride

Concen: 3.497 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013163.D

Acq: 15 Oct 2019 13:47

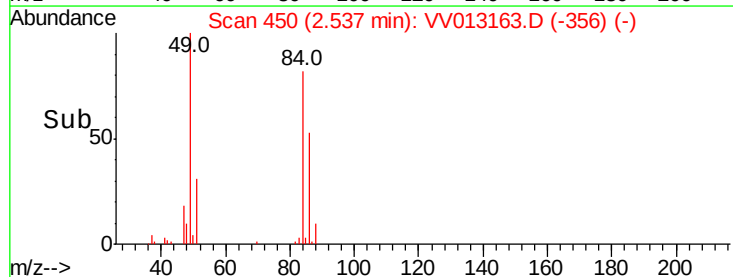
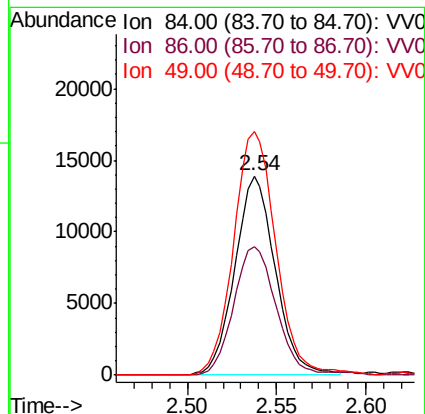
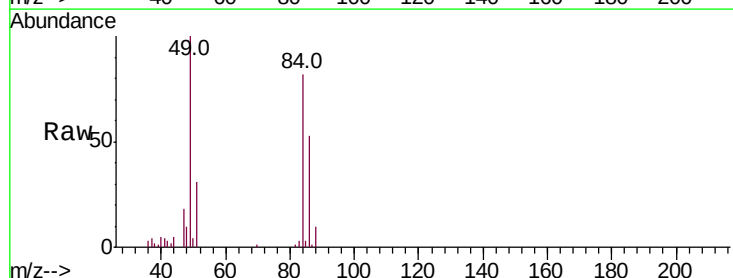
Tgt Ion: 84 Resp: 21958

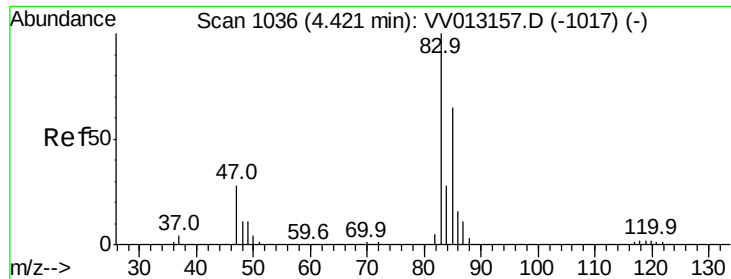
Ion Ratio Lower Upper

84 100

86 64.7 45.1 83.9

49 122.1 87.8 163.0

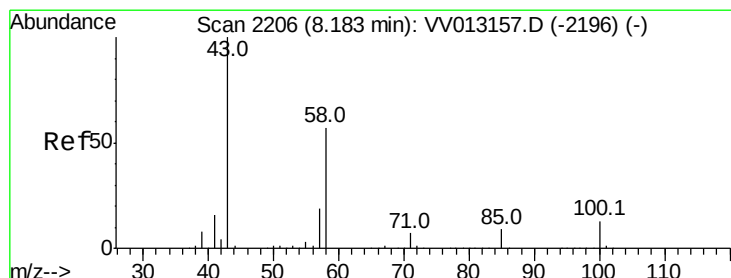
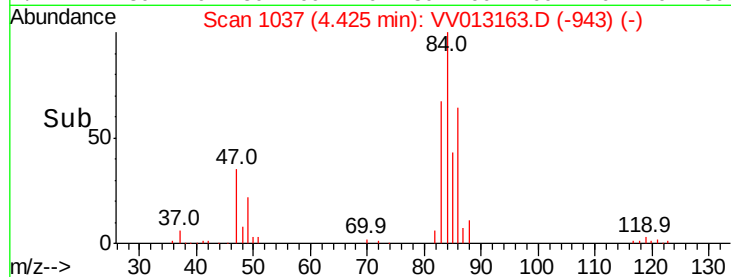
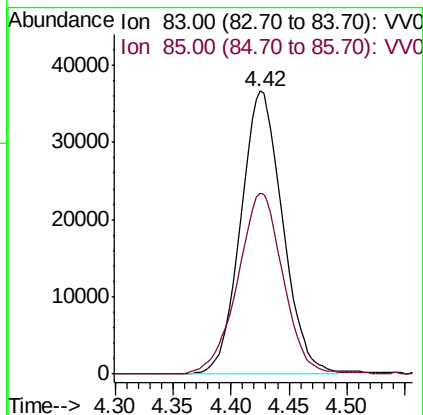
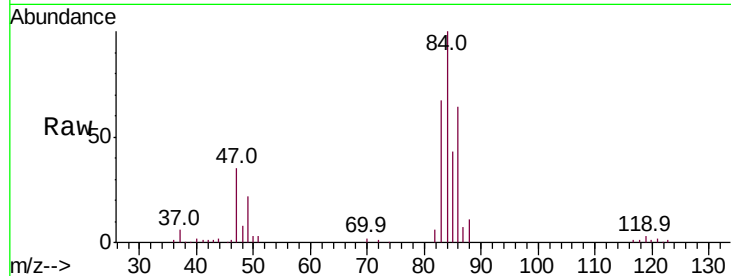




#25
Chloroform
Concen: 8.457 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013163.D
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 92030
Ion Ratio Lower Upper
83 100
85 64.0 44.7 82.9



#48
2-Hexanone
Concen: 5.497 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV013163.D
Acq: 15 Oct 2019 13:47

Tgt Ion: 43 Resp: 36338
Ion Ratio Lower Upper
43 100
58 42.7 44.9 67.3#
57 9.5 15.0 22.6#
100 8.2 10.2 15.2#

