

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009907.D
 Acq On : 11 Apr 2019 11:44
 Operator : SY/VA
 Sample : K2254-20
 Misc : 6.04G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC41

Quant Time: Jun 12 09:22:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 08:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	500568	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	459973	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176752	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112730	17.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.84%
7) Chloroethane-d5	2.89	69	113981	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.01	63	222852	15.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.28%
20) 2-Butanone-d5	7.07	46	86646	40.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.48%
24) Chloroform-d	7.64	84	362251	26.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.08%
26) 1,2-Dichloroethane-d4	8.31	65	218077	26.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.04%
29) Benzene-d6	8.27	84	663619	27.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.92%
33) 1,2-Dichloropropane-d6	9.27	67	213067	28.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.28%
37) Toluene-d8	10.32	98	561999	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.68%
38) trans-1,3-Dichloropropene-	10.57	79	76681	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.24%
39) 2-Hexanone-d5	10.93	63	48083	34.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144113	20.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	173900	28.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.16%

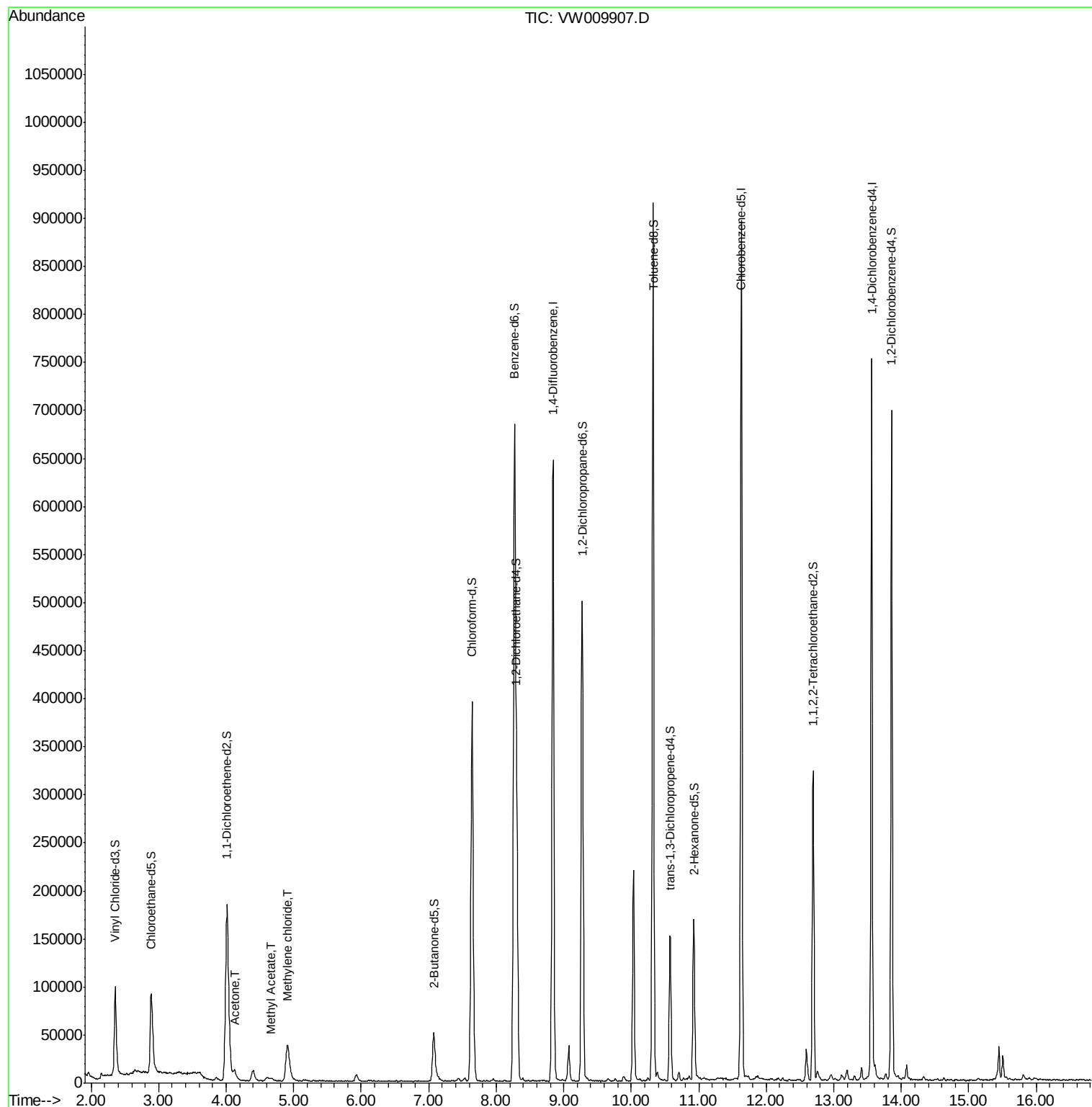
Target Compounds					Ovalue
13) Acetone	4.12	43	14878	6.529 ug/L	95
15) Methyl Acetate	4.67	43	4515	1.087 ug/L #	86
16) Methylene chloride	4.91	84	32110	3.637 ug/L	92

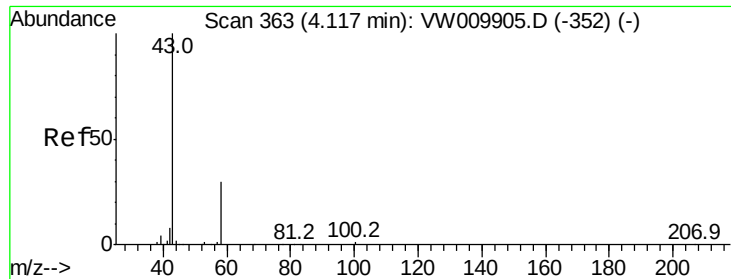
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.529 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009907.D

Acq: 11 Apr 2019 11:44

Instrument :

MSVOA_W

ClientSampled :

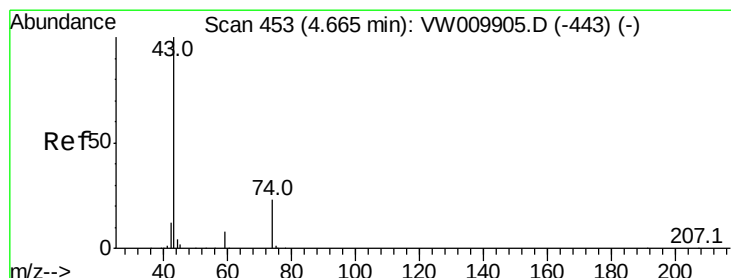
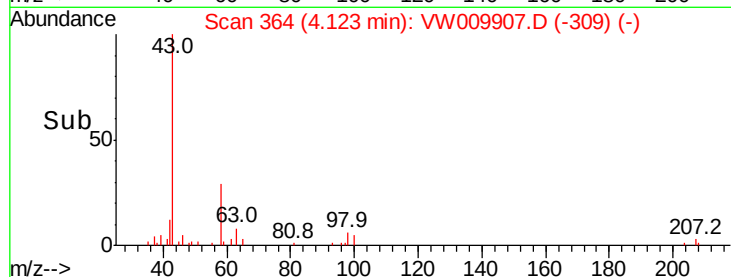
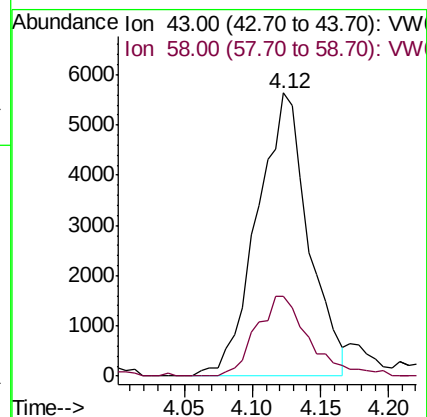
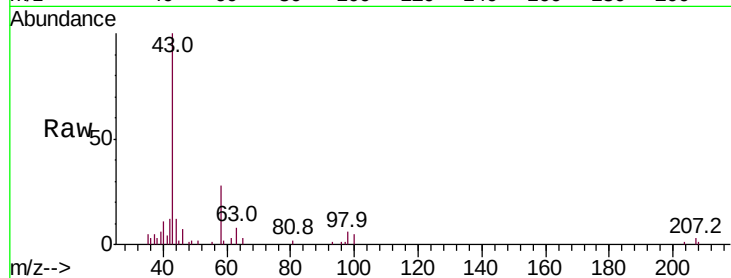
BFC41

Tot Ion: 43 Resp: 14878

Ion Ratio Lower Upper

43 100

58 28.9 0.0 53.0



#15

Methyl Acetate

Concen: 1.087 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW009907.D

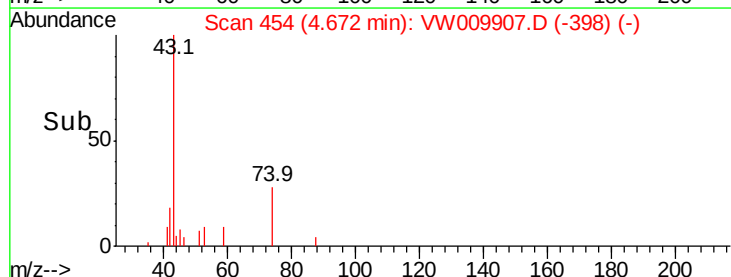
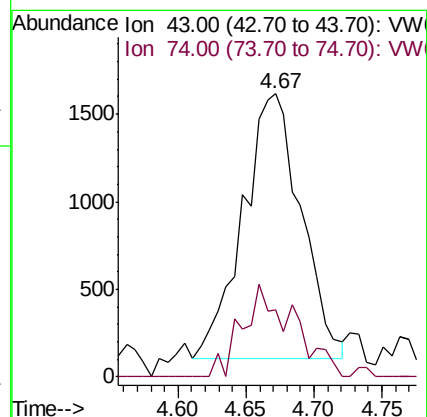
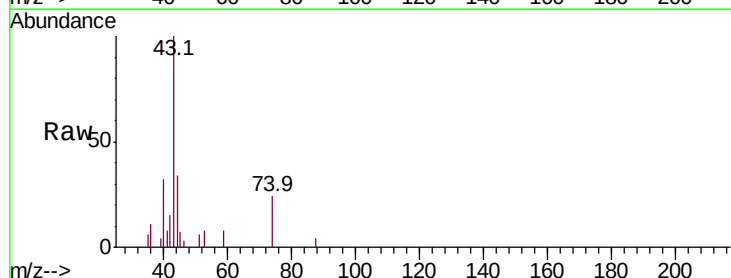
Acq: 11 Apr 2019 11:44

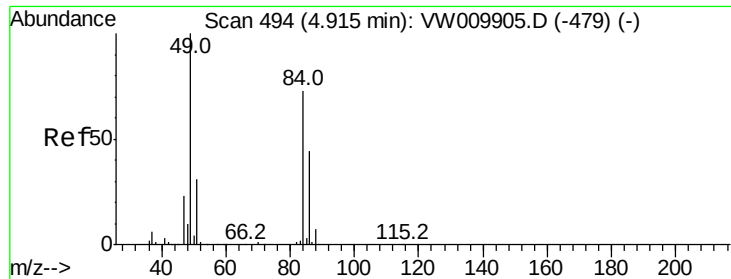
Tgt Ion: 43 Resp: 4515

Ion Ratio Lower Upper

43 100

74 14.9 17.2 25.8#





#16
 Methylene chloride
 Concen: 3.637 ug/L
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW009907.D
 Acq: 11 Apr 2019 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC41

Tot Ion: 84 Resp: 32110
 Ion Ratio Lower Upper
 84 100
 49 127.8 98.3 182.5
 86 64.6 46.4 86.2

