

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009413.D
 Acq On : 24 Mar 2019 02:11
 Operator : SY/VA
 Sample : K2031-05
 Misc : 5.97G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W0

Quant Time: Mar 24 04:35:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	419337	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167749	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97859	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.12%
7) Chloroethane-d5	2.89	69	104904	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.56%
10) 1,1-Dichloroethene-d2	4.01	63	159219	14.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.80%
20) 2-Butanone-d5	7.07	46	84675	40.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.72%
24) Chloroform-d	7.64	84	250633	21.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	8.30	65	150632	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.27	84	451527	20.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.28%
33) 1,2-Dichloropropane-d6	9.27	67	143579	22.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.20%
37) Toluene-d8	10.32	98	388301	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.48%
38) trans-1,3-Dichloropropene-	10.58	79	51865	15.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.44%
39) 2-Hexanone-d5	10.93	63	62761	39.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131897	20.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	142414	22.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.56%

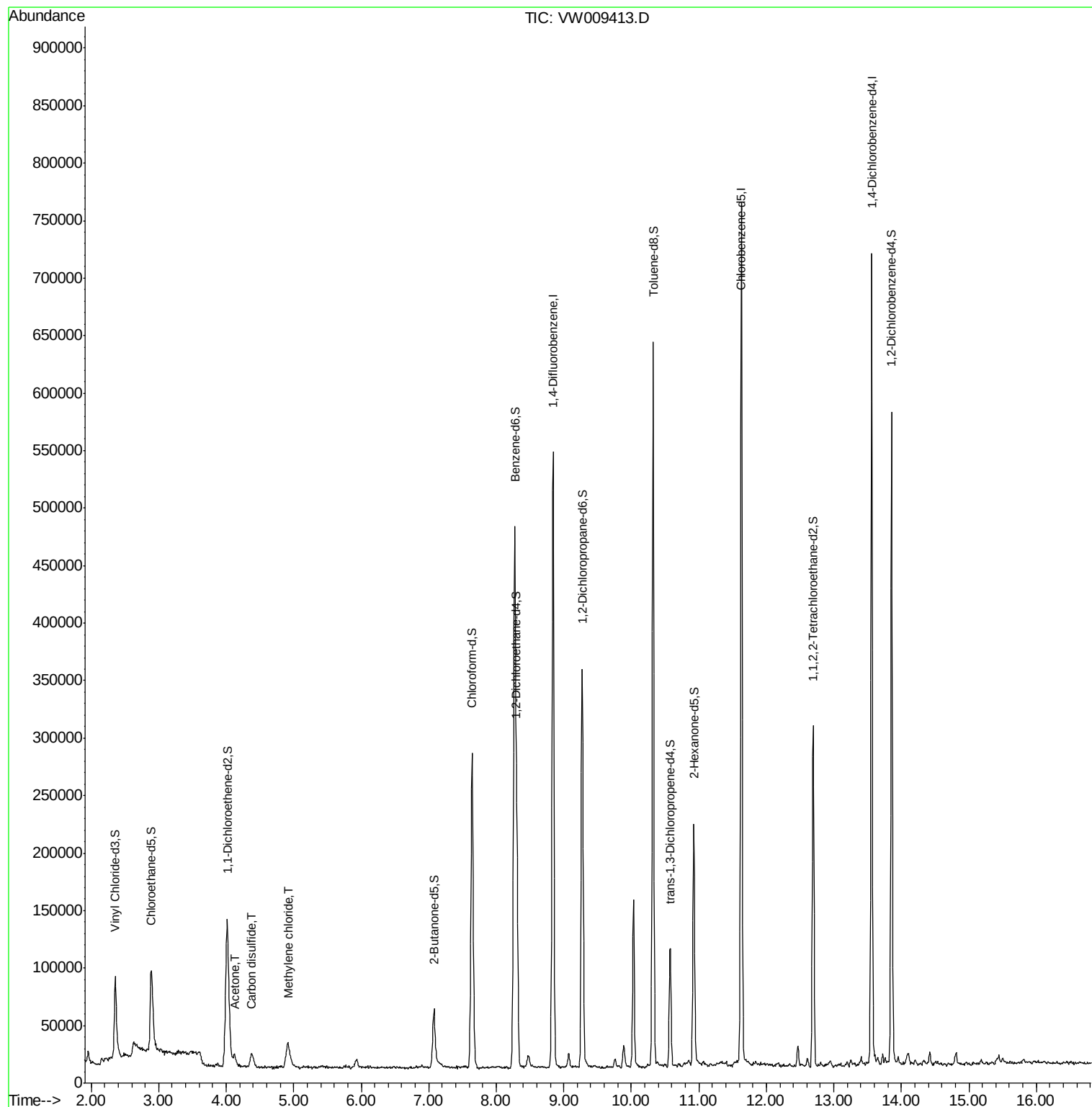
Target Compounds					Ovalue
13) Acetone	4.12	43	15533	9.140 ug/L	87
14) Carbon disulfide	4.37	76	24621	1.772 ug/L	96
16) Methylene chloride	4.92	84	20221	3.307 ug/L	89

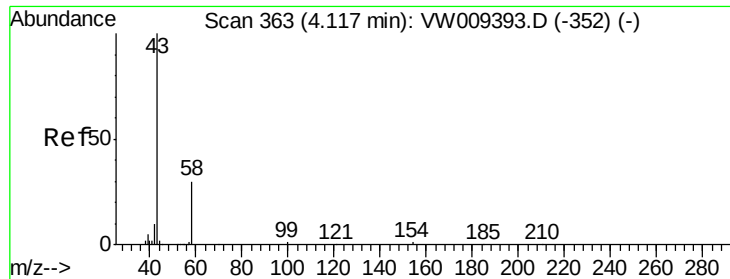
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.140 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009413.D

Acq: 24 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

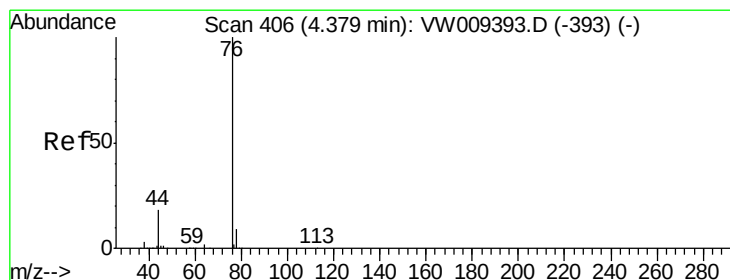
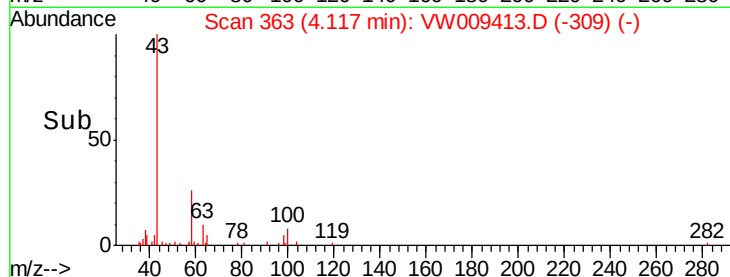
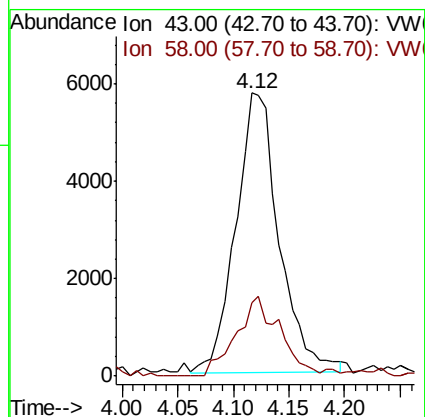
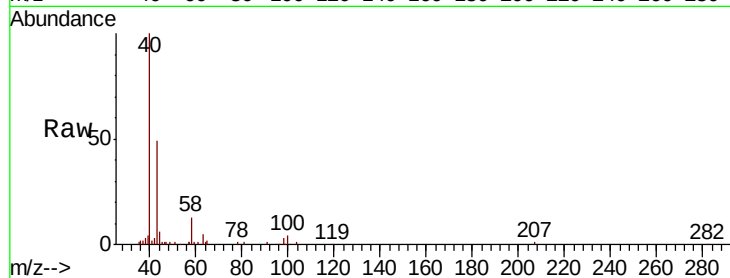
BF5W0

Tot Ion: 43 Resp: 15533

Ion Ratio Lower Upper

43 100

58 21.4 0.0 56.2



#14

Carbon disulfide

Concen: 1.772 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009413.D

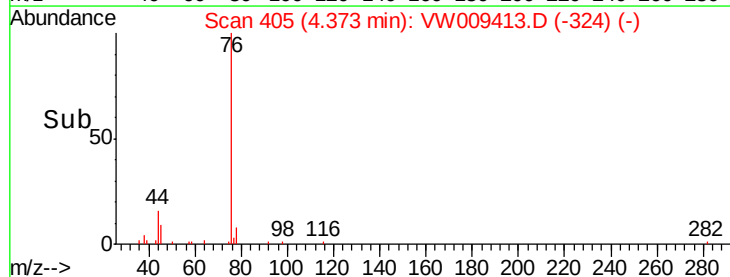
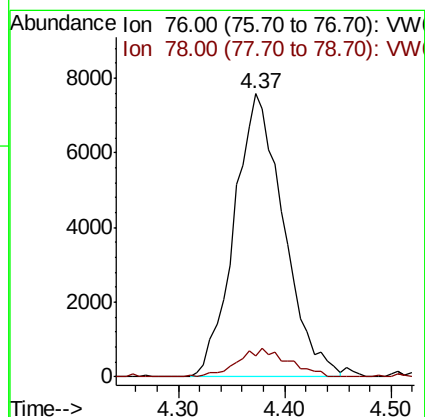
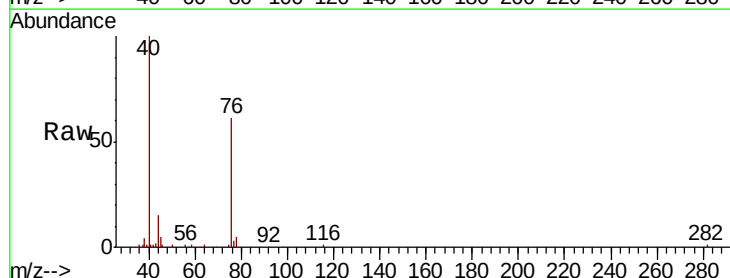
Acq: 24 Mar 2019 02:11

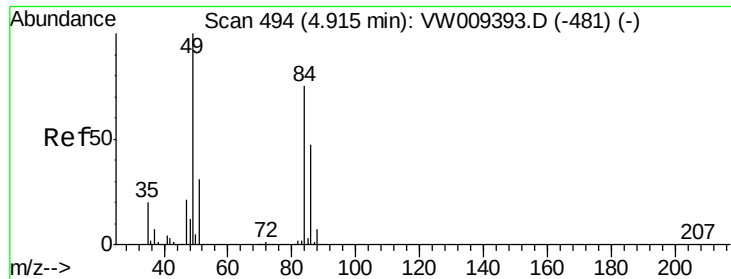
Tgt Ion: 76 Resp: 24621

Ion Ratio Lower Upper

76 100

78 7.5 7.3 10.9





#16
 Methvlene chloride
 Concen: 3.307 ug/L
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW009413.D
 Acq: 24 Mar 2019 02:11

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W0

Tot Ion: 84 Resp: 20221
 Ion Ratio Lower Upper
 84 100
 49 121.8 96.0 178.2
 86 57.1 44.4 82.5

