

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121018\
 Data File : VW007354.D
 Acq On : 10 Dec 2018 13:43
 Operator : SY/AP
 Sample : J6238-05
 Misc : 6.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BE808

Quant Time: Dec 15 03:53:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	137986	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	102889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	36923	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	27166	30.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.92%
7) Chloroethane-d5	2.90	69	20533	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.92%
10) 1,1-Dichloroethene-d2	4.01	63	65837	21.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.96%
20) 2-Butanone-d5	7.08	46	24467	43.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.38%
24) Chloroform-d	7.65	84	87005	26.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	8.31	65	51016	27.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.16%
29) Benzene-d6	8.27	84	174349	31.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.80%
33) 1,2-Dichloropropane-d6	9.27	67	48981	30.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.84%#
37) Toluene-d8	10.32	98	162046	30.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.72%
38) trans-1,3-Dichloropropene-	10.58	79	21540	26.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.68%
39) 2-Hexanone-d5	10.93	63	18414	47.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32960	22.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	35383	27.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.96%

Target Compounds

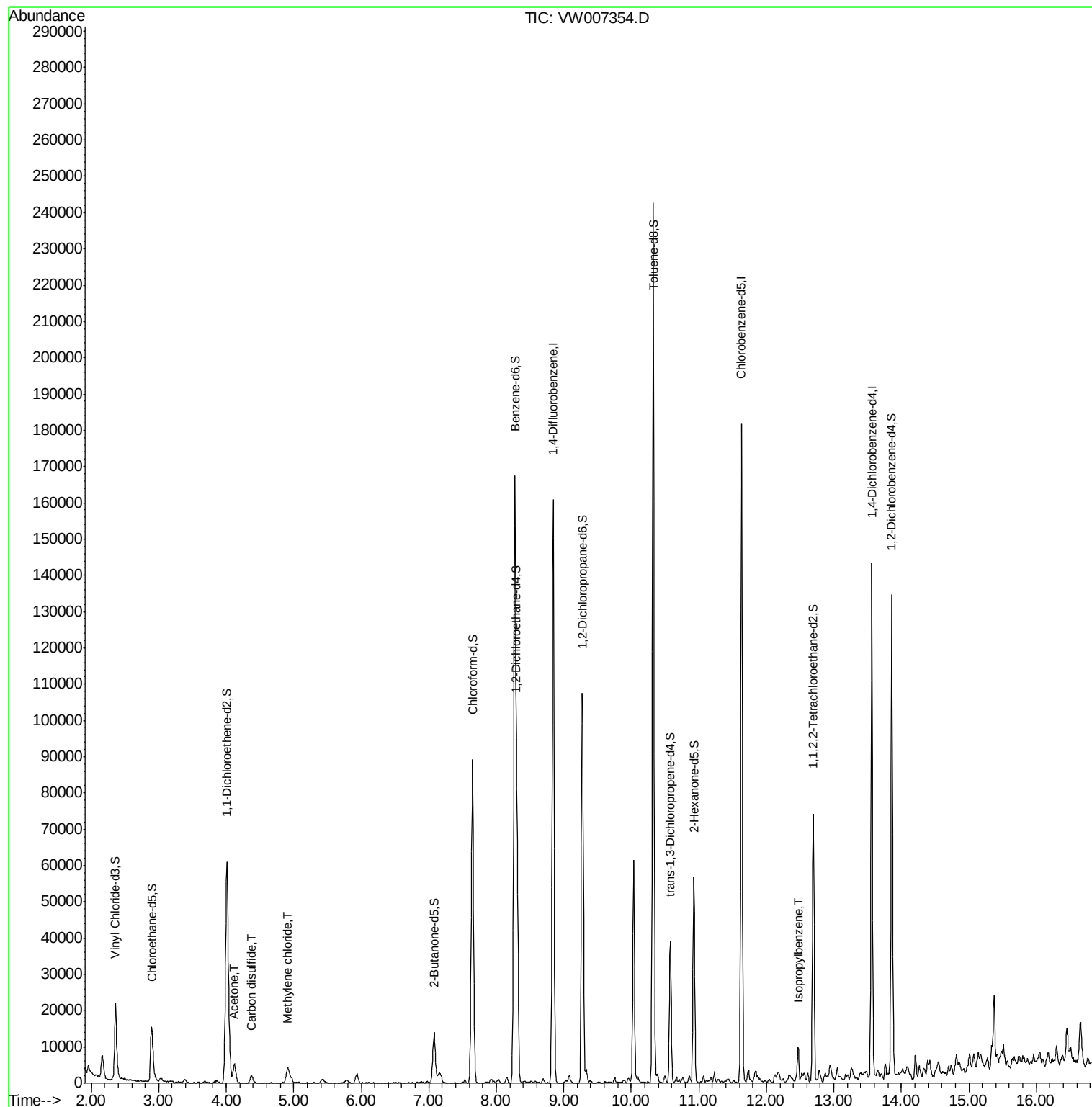
					Ovalue
13) Acetone	4.12	43	8454	12.833	ug/L 99
14) Carbon disulfide	4.38	76	4433	0.937	ug/L 98
16) Methylene chloride	4.91	84	3530	1.583	ug/L 95
57) Isopropylbenzene	12.47	105	3256	0.455	ug/L # 80

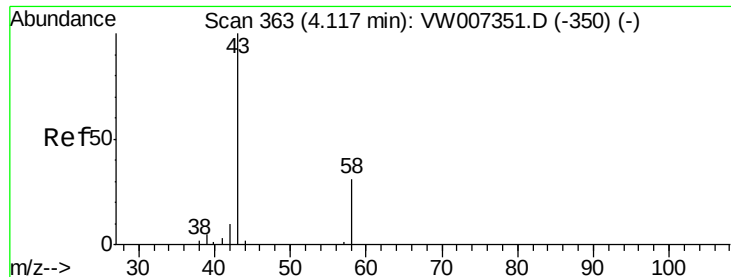
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.833 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 10 Dec 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

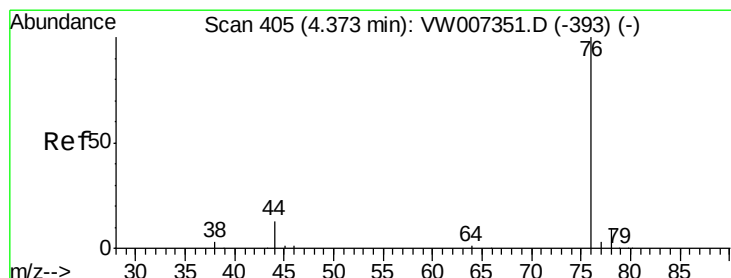
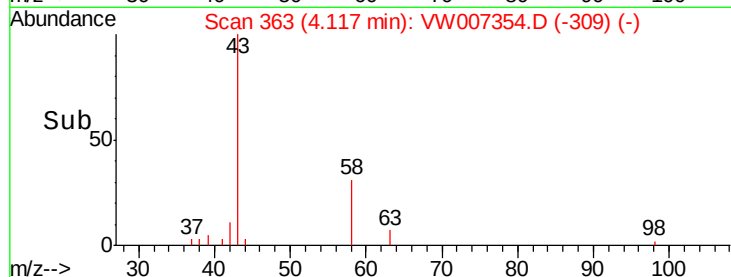
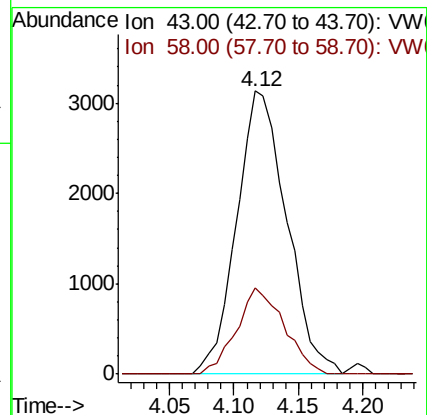
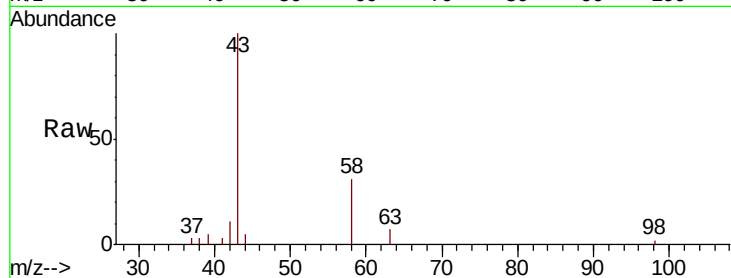
BE808

Tot Ion: 43 Resp: 8454

Ion Ratio Lower Upper

43 100

58 29.1 0.0 59.2



#14

Carbon disulfide

Concen: 0.937 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

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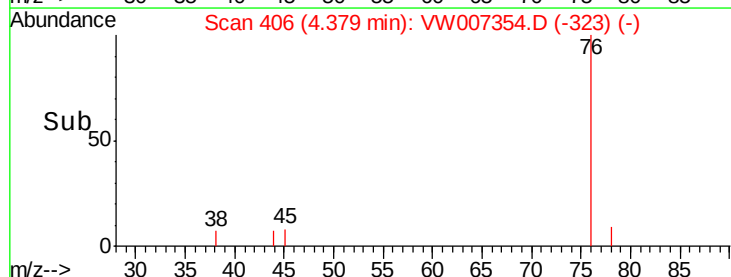
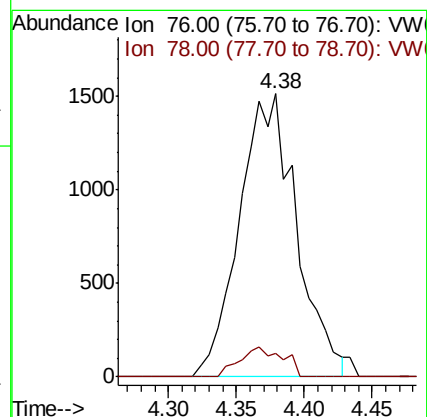
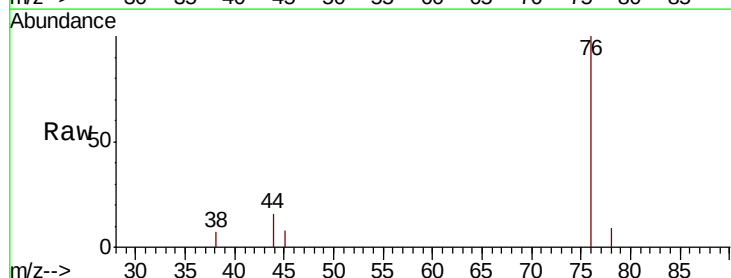
Acq: 10 Dec 2018 13:43

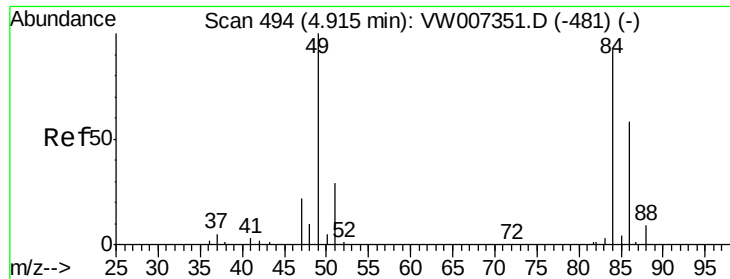
Tgt Ion: 76 Resp: 4433

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9

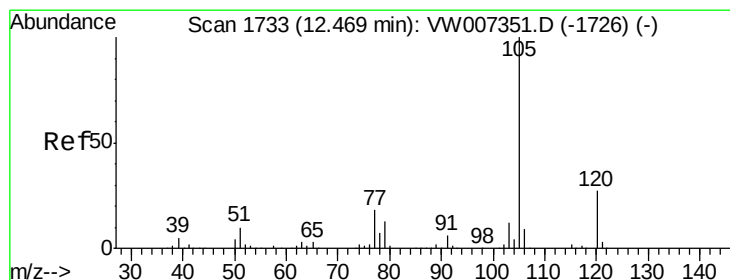
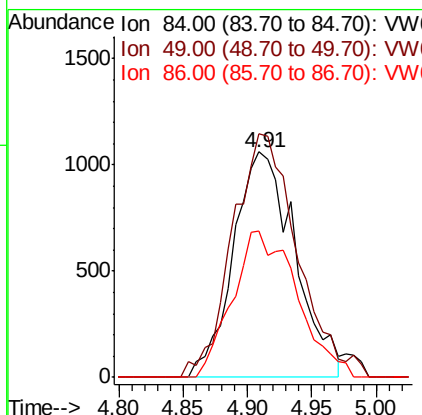
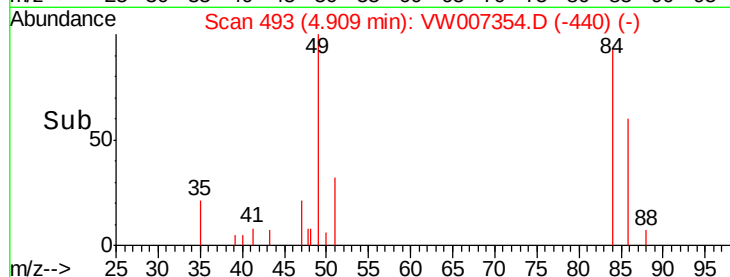
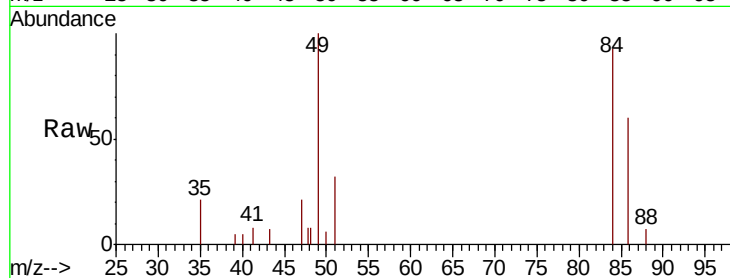




#16
Methylene chloride
Concen: 1.583 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
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MSVOA_W
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Tot Ion: 84 Resp: 3530
Ion Ratio Lower Upper
84 100
49 107.9 80.8 150.2
86 64.8 45.8 85.2



#57
Isopropylbenzene
Concen: 0.455 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW007354.D
Acq: 10 Dec 2018 13:43

Tgt Ion: 105 Resp: 3256
Ion Ratio Lower Upper
105 100
120 24.4 20.6 30.8
77 36.2 12.2 18.2#

