

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032619\
 Data File : VW009474.D
 Acq On : 26 Mar 2019 20:27
 Operator : SY/VA
 Sample : K2044-15RE
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W4RE

Quant Time: Apr 10 04:07:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	108022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	86052	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22922	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	28236	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
7) Chloroethane-d5	2.89	69	28494	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
10) 1,1-Dichloroethene-d2	4.00	63	40548	14.53	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
20) 2-Butanone-d5	7.08	46	18886	35.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.76%
24) Chloroform-d	7.65	84	65597	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	8.31	65	39455	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.88%
29) Benzene-d6	8.27	84	117841	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	9.27	67	39577	27.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.08%
37) Toluene-d8	10.32	98	97058	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.48%
38) trans-1,3-Dichloropropene-	10.58	79	10989	15.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.40%
39) 2-Hexanone-d5	10.93	63	13687	39.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29154	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	18795	21.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.52%

Target Compounds

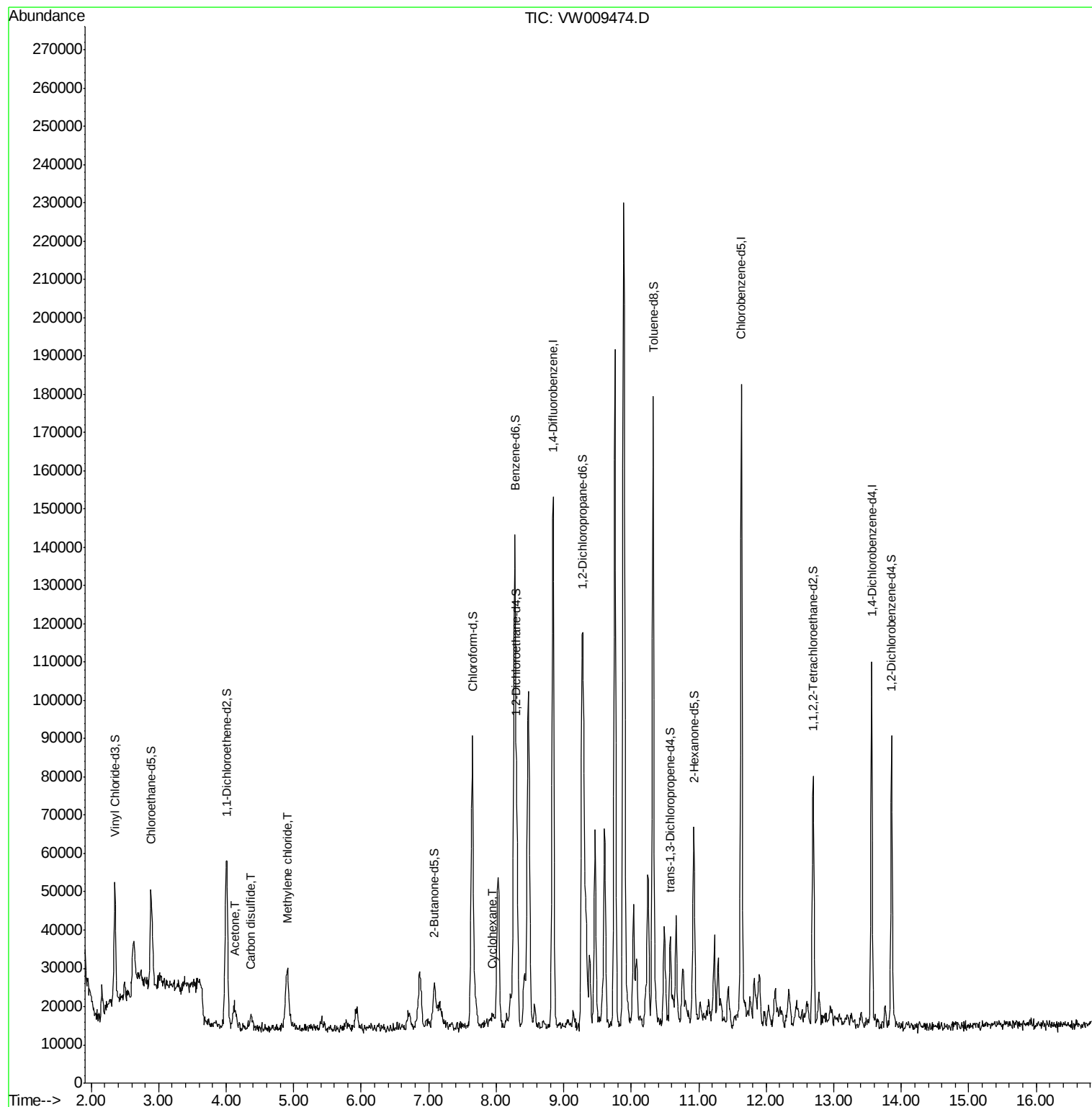
					Ovalue
13) Acetone	4.12	43	11053	25.248 ug/L	78
14) Carbon disulfide	4.37	76	4266	1.192 ug/L #	92
16) Methylene chloride	4.90	84	8862	5.626 ug/L	93
30) Cyclohexane	7.95	56	1386	0.709 ug/L #	75

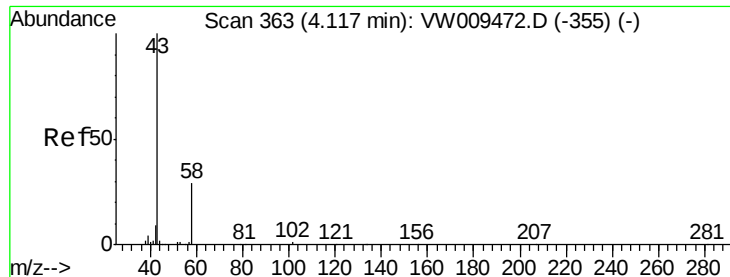
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.248 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009474.D

Acq: 26 Mar 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

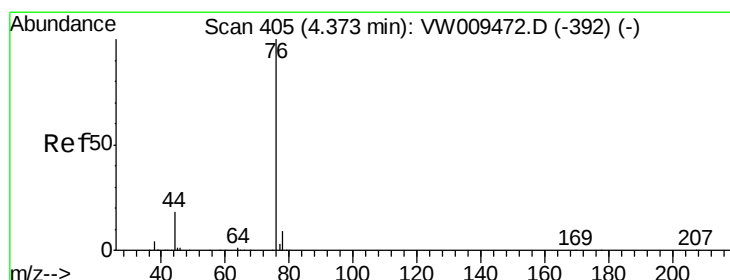
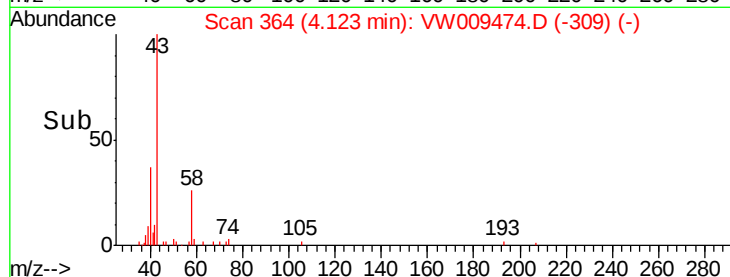
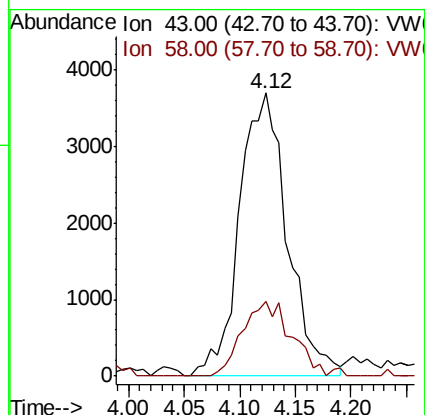
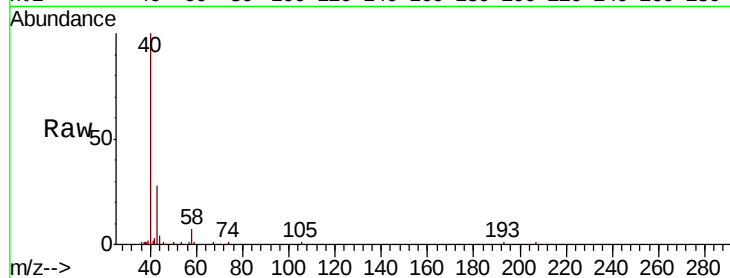
BF5W4RE

Tot Ion: 43 Resp: 11053

Ion Ratio Lower Upper

43 100

58 16.7 0.0 56.2



#14

Carbon disulfide

Concen: 1.192 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009474.D

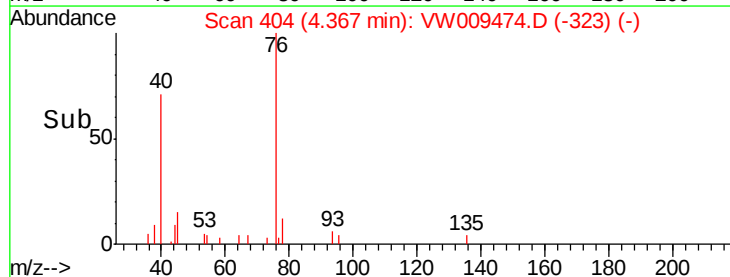
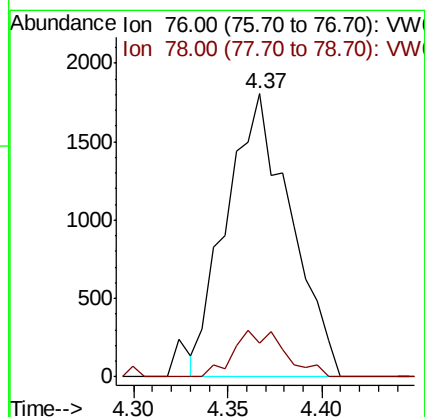
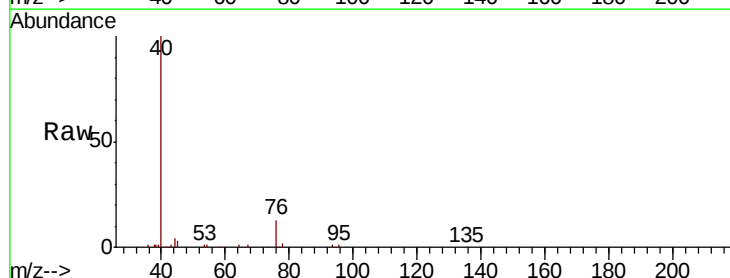
Acq: 26 Mar 2019 20:27

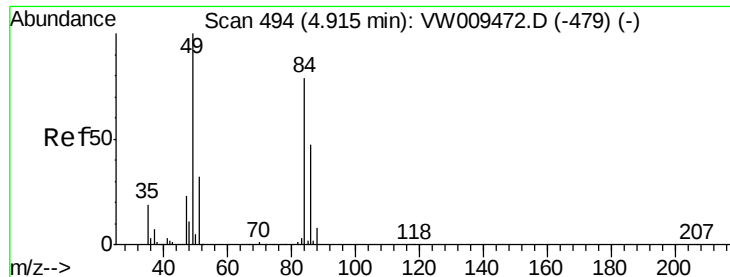
Tgt Ion: 76 Resp: 4266

Ion Ratio Lower Upper

76 100

78 12.0 7.3 10.9#

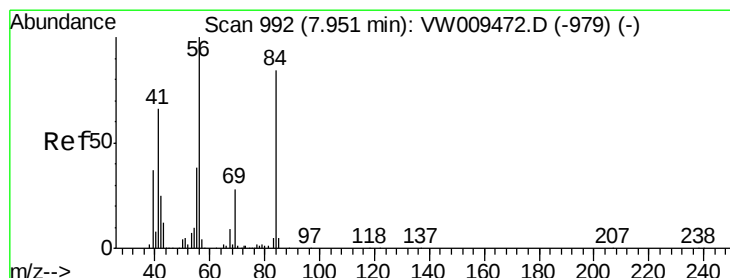
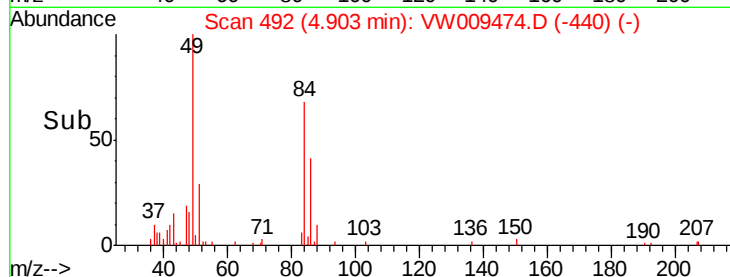
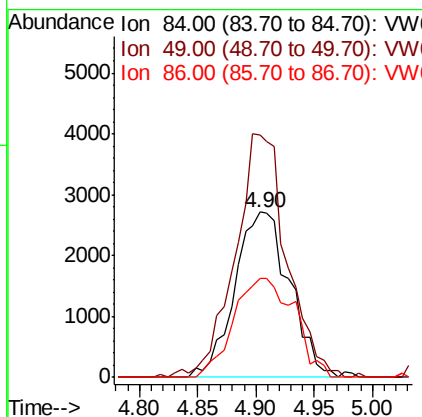
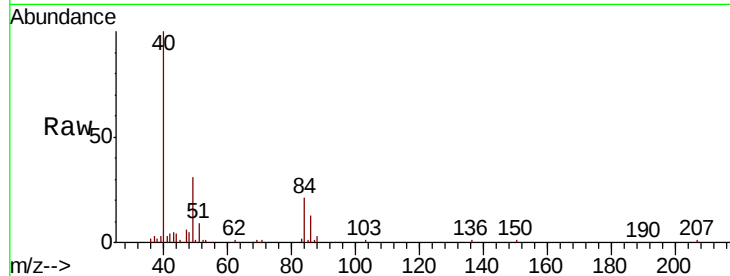




#16
Methvlene chloride
Concen: 5.626 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
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Instrument :
MSVOA_W
ClientSampleId :
BF5W4RE

Tot Ion: 84 Resp: 8862
Ion Ratio Lower Upper
84 100
49 146.5 96.0 178.2
86 60.1 44.4 82.5



#30
Cyclohexane
Concen: 0.709 ug/L
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009474.D
Acq: 26 Mar 2019 20:27

Tgt Ion: 56 Resp: 1386
Ion Ratio Lower Upper
56 100
69 25.0 24.0 36.0
84 57.9 69.2 103.8#

