

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009476.D
 Acq On : 26 Mar 2019 21:21
 Operator : SY/VA
 Sample : K2068-02
 Misc : 5.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:07:29 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	325013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103406	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72687	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.84%
7) Chloroethane-d5	2.89	69	81679	17.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.88%
10) 1,1-Dichloroethene-d2	4.01	63	119010	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	7.08	46	75672	47.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.22%
24) Chloroform-d	7.65	84	194529	21.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	8.37	65	173	0.03	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	327513	20.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.80%
33) 1,2-Dichloropropane-d6	9.27	67	110364	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	10.32	98	269750	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.76%
38) trans-1,3-Dichloropropene-	10.58	79	41675	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.84%
39) 2-Hexanone-d5	10.93	63	51536	44.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106042	22.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	85241	21.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.00%

Target Compounds

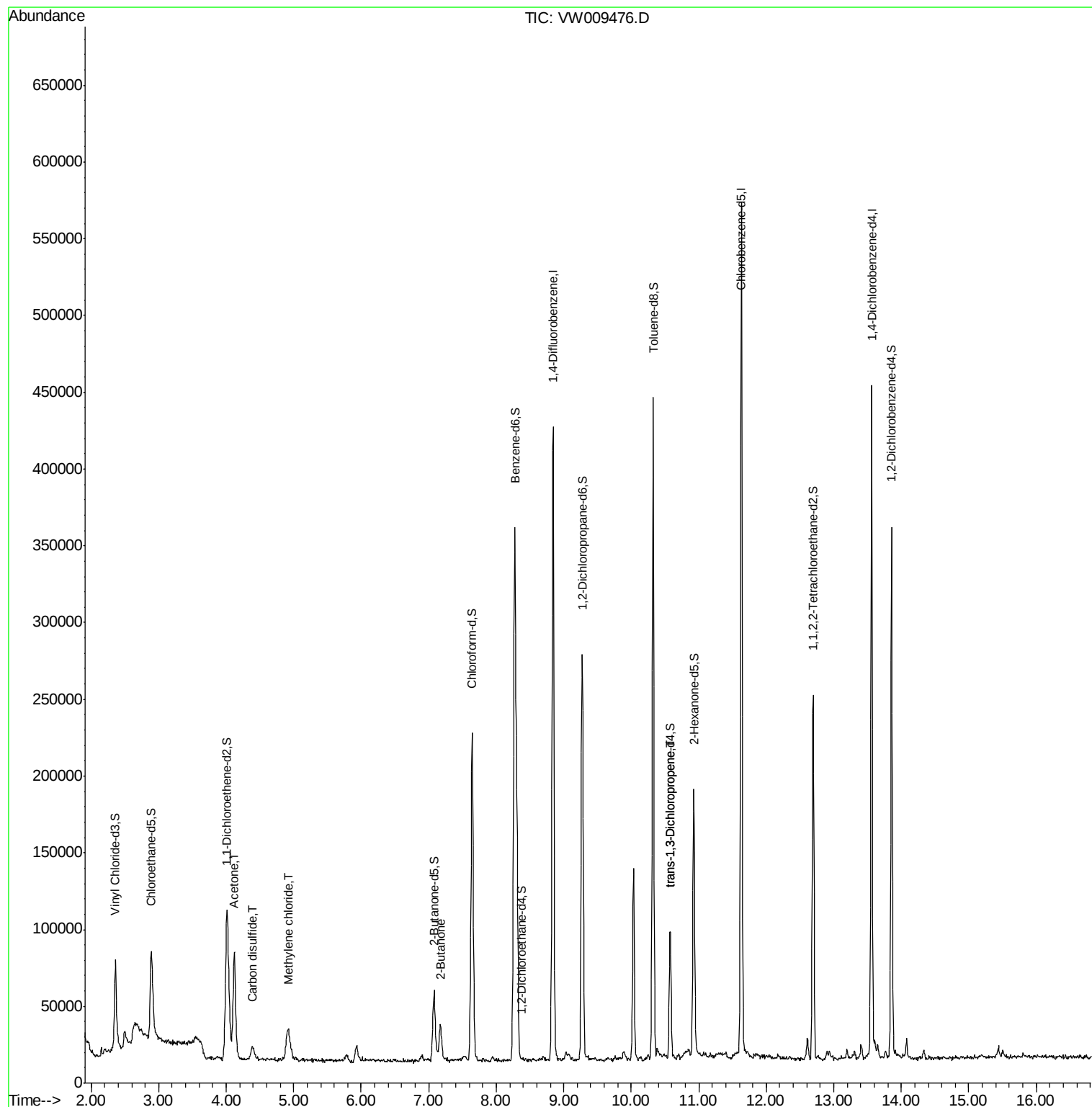
					Ovalue
13) Acetone	4.12	43	118871	90.246	ug/L 99
14) Carbon disulfide	4.38	76	11295	1.049	ug/L 99
16) Methylene chloride	4.91	84	17285	3.647	ug/L 83
21) 2-Butanone	7.17	43	33608	18.479	ug/L 96
45) trans-1,3-Dichloropropene	10.57	75	2495	0.437	ug/L # 34

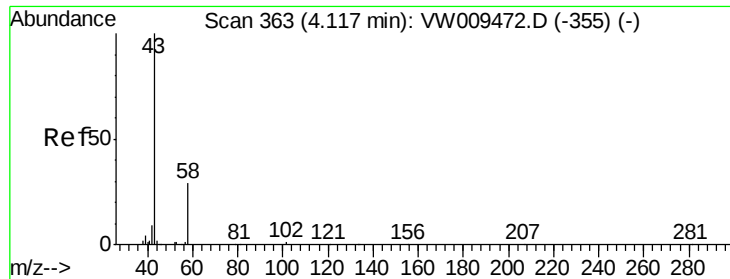
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 90.246 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009476.D

Acq: 26 Mar 2019 21:21

Instrument :

MSVOA_W

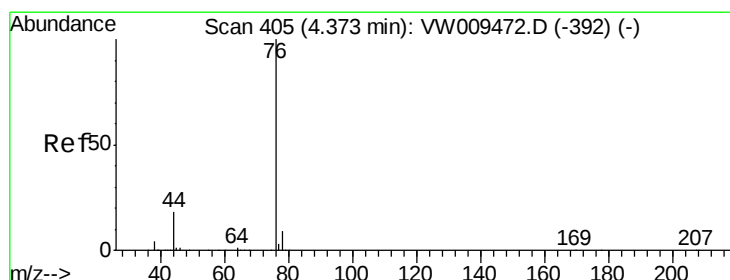
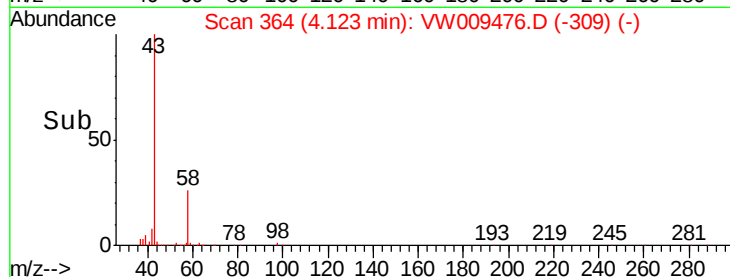
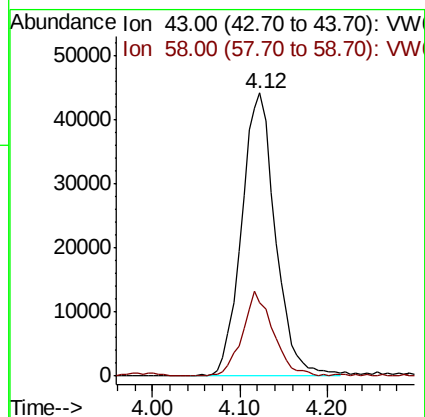
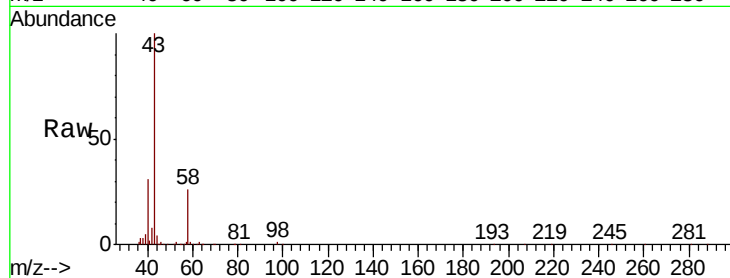
ClientSampleId :

Tot Ion: 43 Resp: 118871

Ion Ratio Lower Upper

43 100

58 27.3 0.0 56.2



#14

Carbon disulfide

Concen: 1.049 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009476.D

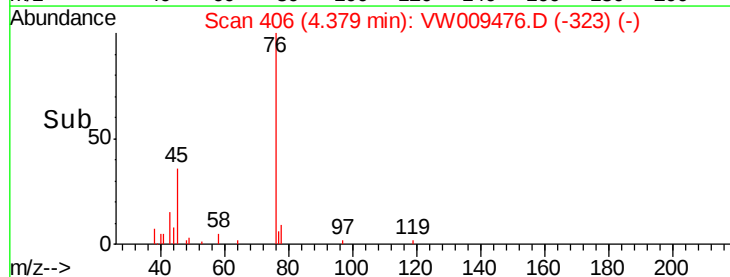
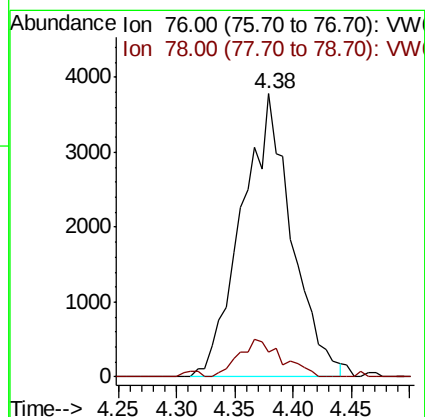
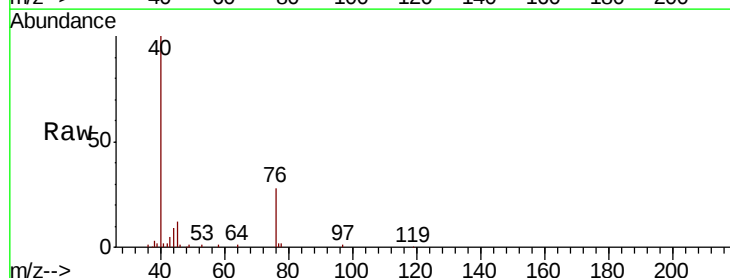
Acq: 26 Mar 2019 21:21

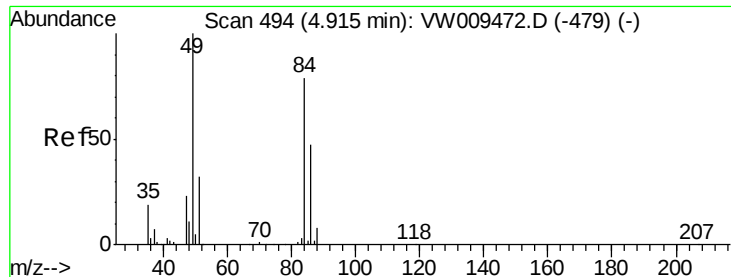
Tgt Ion: 76 Resp: 11295

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

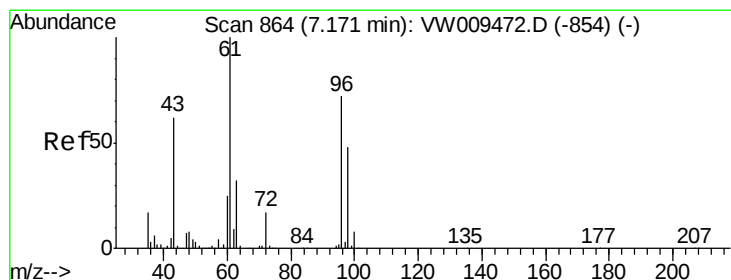
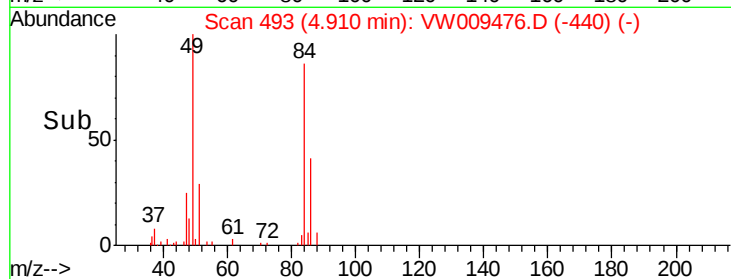
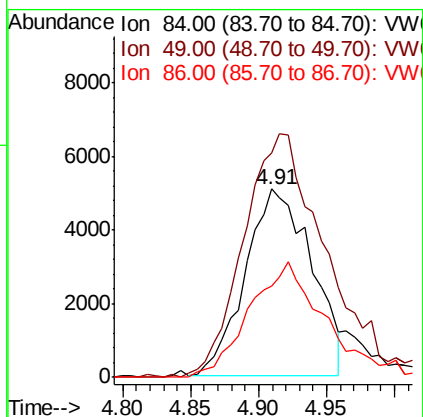
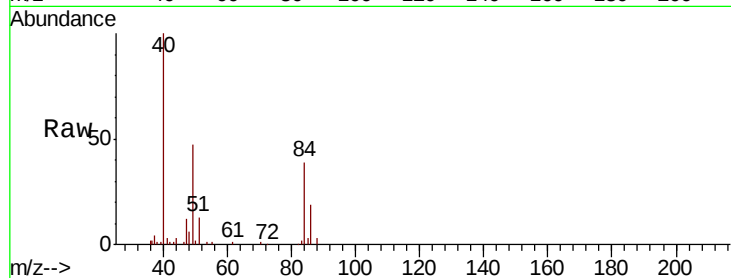




#16
Methvlene chloride
Concen: 3.647 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009476.D
Acq: 26 Mar 2019 21:21

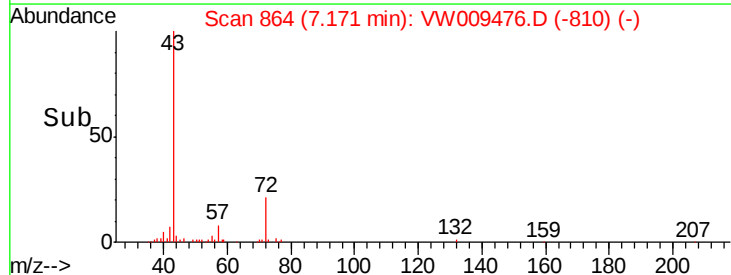
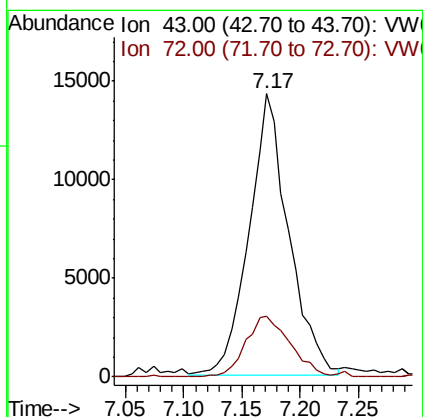
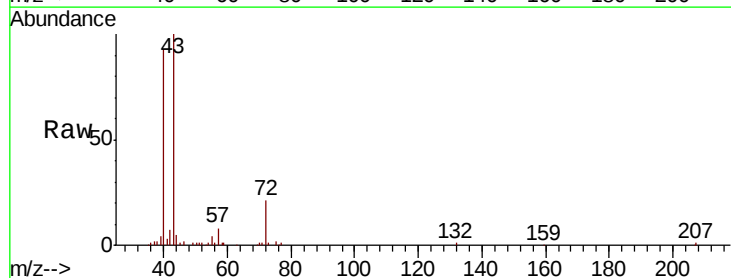
Instrument :
MSVOA_W
ClientSampled :

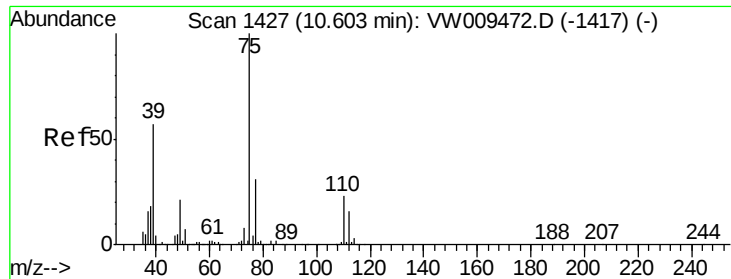
Tot Ion: 84 Resp: 17285
Ion Ratio Lower Upper
84 100
49 118.9 96.0 178.2
86 48.1 44.4 82.5



#21
2-Butanone
Concen: 18.479 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009476.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 43 Resp: 33608
Ion Ratio Lower Upper
43 100
72 24.3 13.1 39.1





#45

trans-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009476.D

Acq: 26 Mar 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 2495

Ion Ratio Lower Upper

75 100

77 68.8 22.5 41.7#

