

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009508.D
 Acq On : 27 Mar 2019 17:34
 Operator : SY/VA
 Sample : K2065-14
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M9RE

Quant Time: Mar 28 05:01:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	284579	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236348	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88977	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67953	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
7) Chloroethane-d5	2.89	69	75959	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
10) 1,1-Dichloroethene-d2	4.01	63	107855	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.07	46	41389	29.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.86%
24) Chloroform-d	7.64	84	176274	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.30	65	110001	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.04%
29) Benzene-d6	8.27	84	296415	22.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.96%
33) 1,2-Dichloropropane-d6	9.27	67	99430	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.60%
37) Toluene-d8	10.32	98	232311	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.12%
38) trans-1,3-Dichloropropene-	10.58	79	30571	15.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.20%
39) 2-Hexanone-d5	10.93	63	25569	26.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88619	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	68489	20.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.28%

Target Compounds

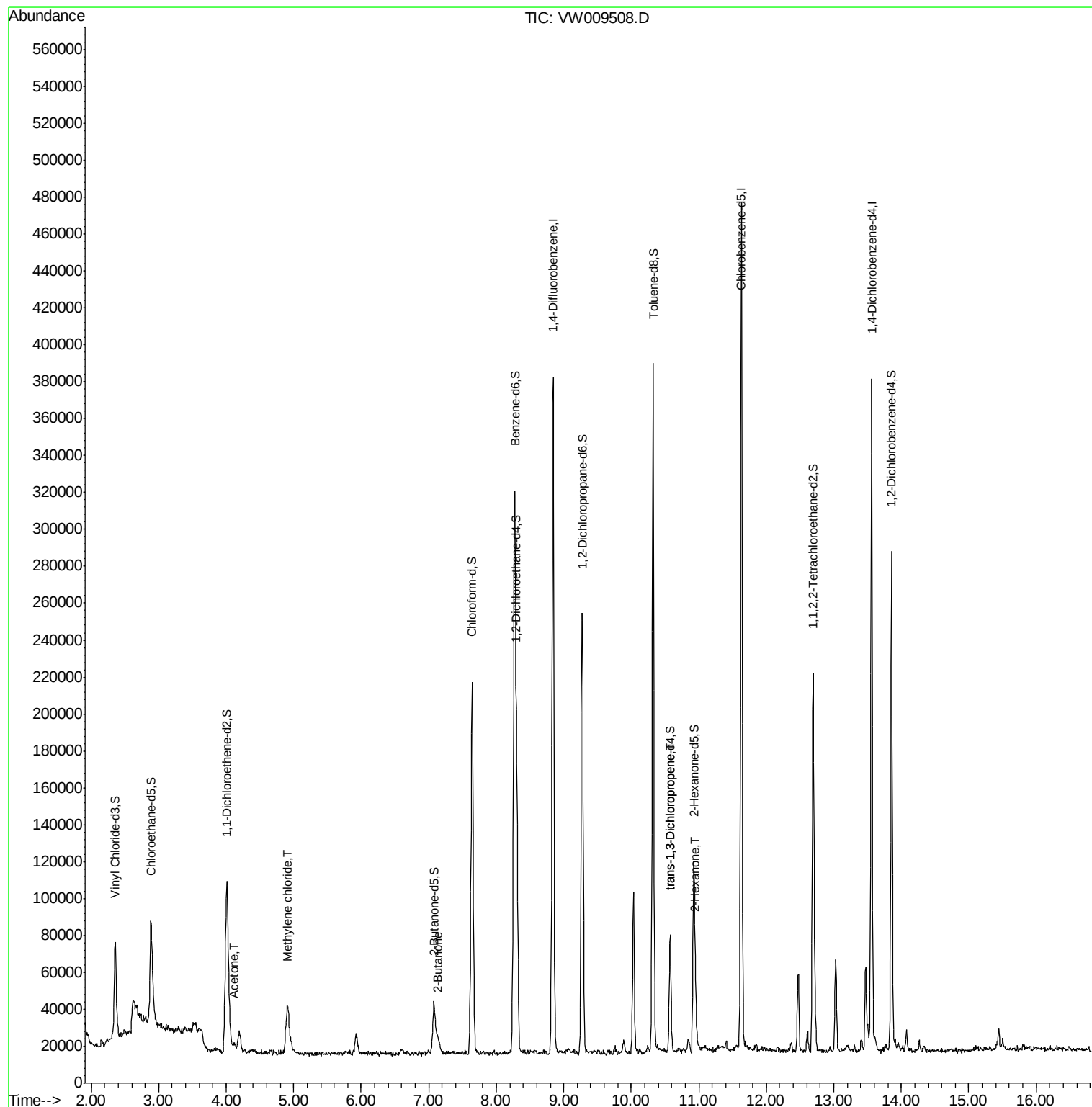
					Ovalue
13) Acetone	4.12	43	6773	5.873 ug/L	79
16) Methylene chloride	4.91	84	13888	3.347 ug/L	89
21) 2-Butanone	7.14	43	10018	6.291 ug/L #	50
45) trans-1,3-Dichloropropene	10.57	75	1806	0.384 ug/L	96
49) 2-Hexanone	10.95	43	19695	9.296 ug/L #	47

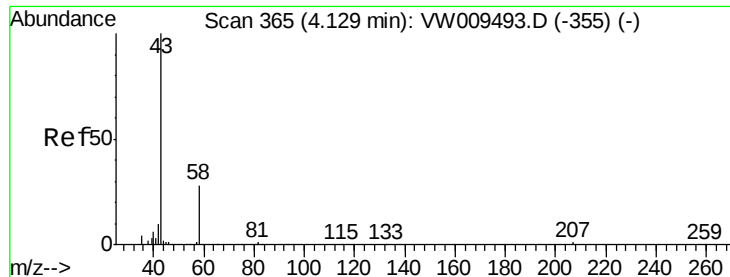
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.873 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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ClientSampleId :

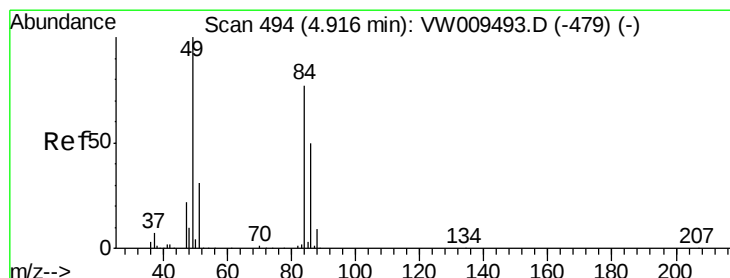
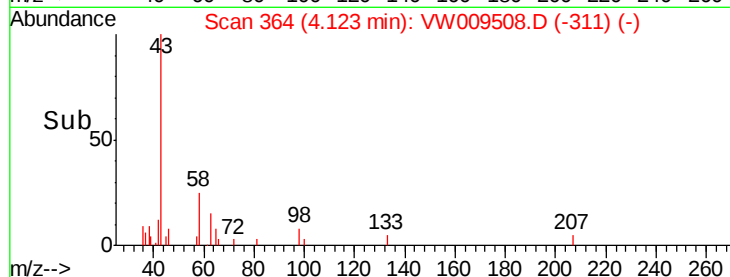
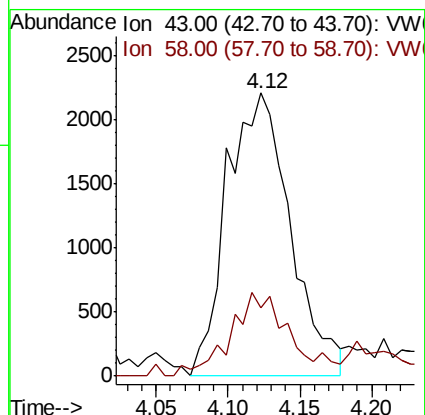
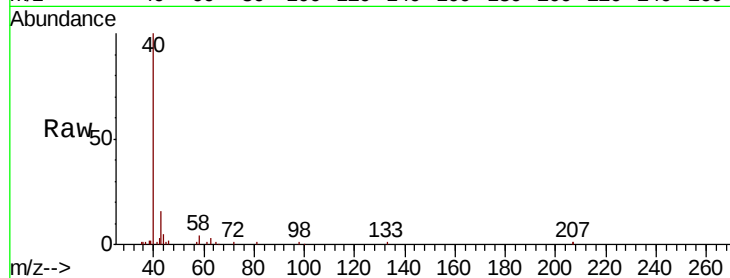
BF5M9RE

Tot Ion: 43 Resp: 6773

Ion Ratio Lower Upper

43 100

58 17.1 0.0 56.2



#16

Methylene chloride

Concen: 3.347 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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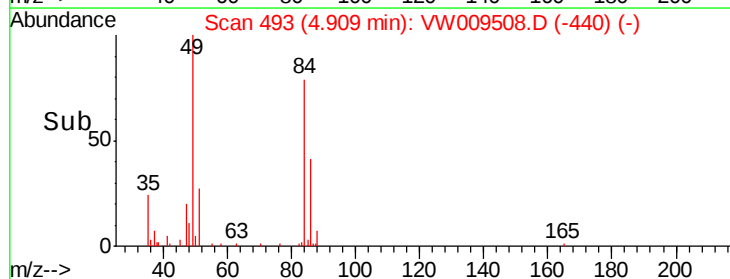
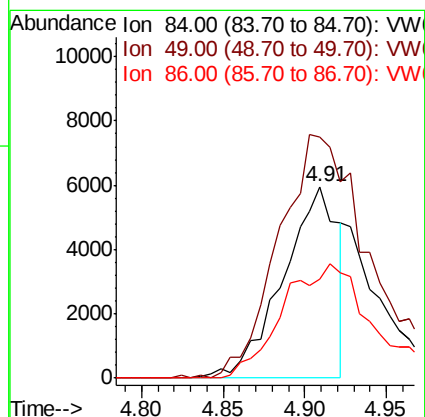
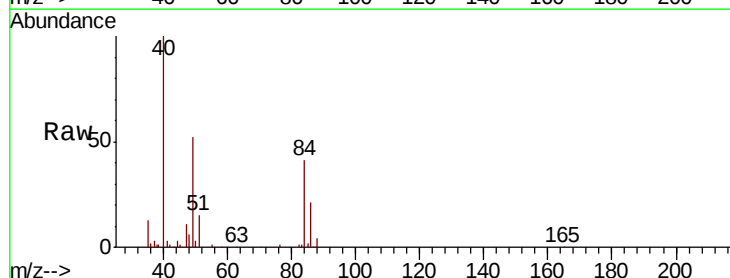
Tgt Ion: 84 Resp: 13888

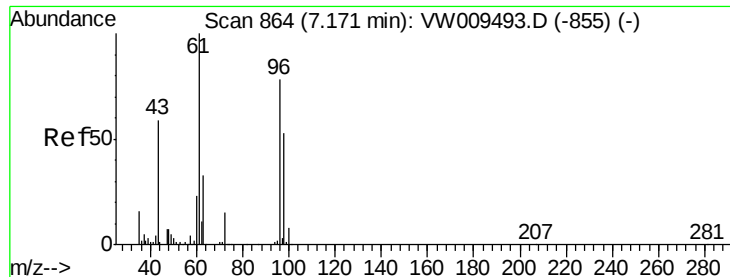
Ion Ratio Lower Upper

84 100

49 125.8 96.0 178.2

86 51.6 44.4 82.5





#21

2-Butanone

Concen: 6.291 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampleId :

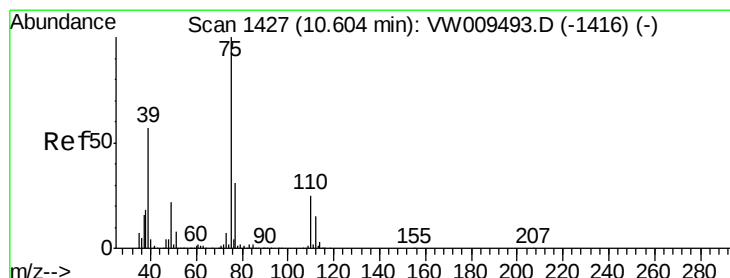
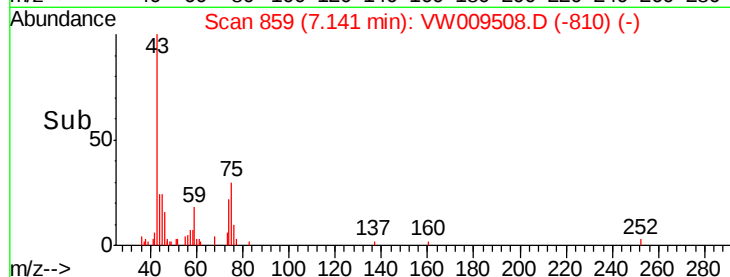
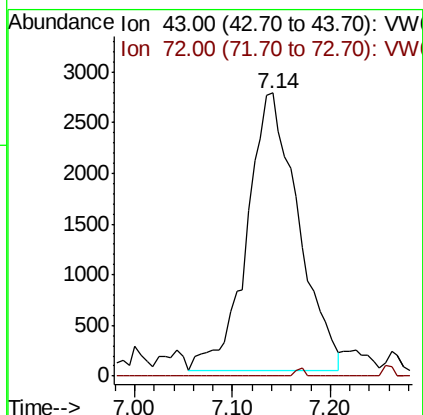
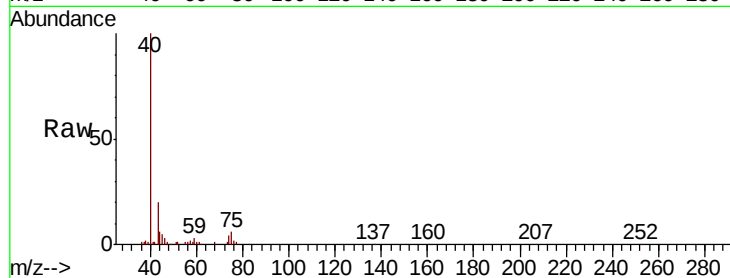
BF5M9RE

Tot Ion: 43 Resp: 10018

Ion Ratio Lower Upper

43 100

72 0.5 13.1 39.1#



#45

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009508.D

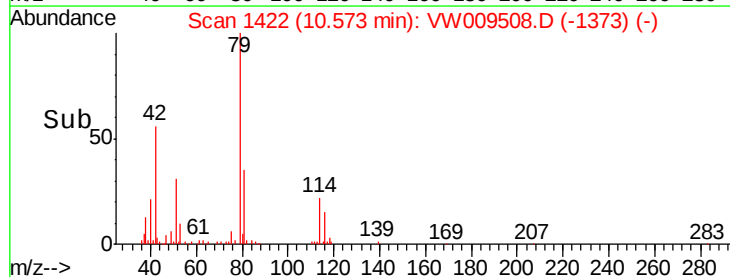
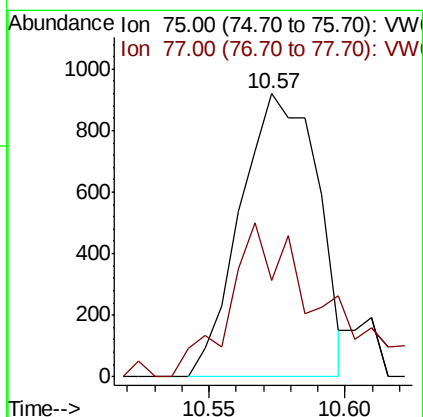
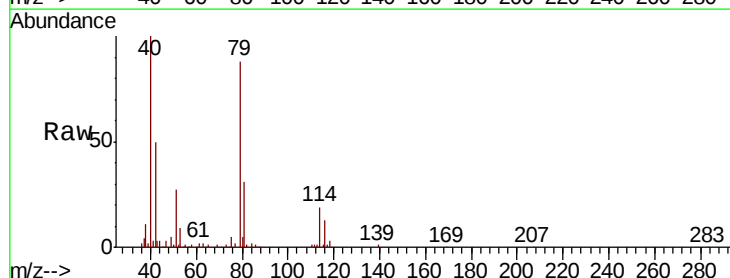
Acq: 27 Mar 2019 17:34

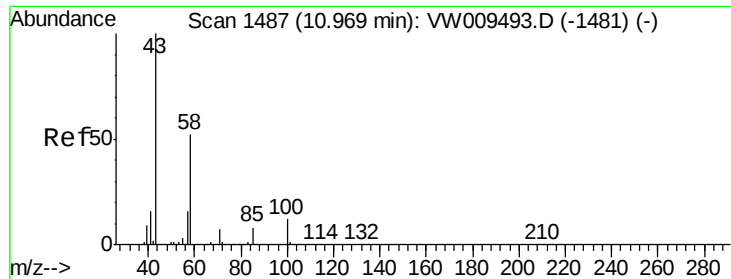
Tgt Ion: 75 Resp: 1806

Ion Ratio Lower Upper

75 100

77 34.2 22.5 41.7





#49

2-Hexanone

Concen: 9.296 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009508.D

Acq: 27 Mar 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

BF5M9RE

Tot Ion: 43 Resp: 19695

Ion Ratio Lower Upper

43 100

58 5.6 39.2 58.8#

57 0.0 14.2 21.2#

100 1.5 8.9 13.3#

