

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009511.D
 Acq On : 27 Mar 2019 18:56
 Operator : SY/VA
 Sample : K2065-20
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L9

Quant Time: Mar 28 05:01:56 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	364061	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333276	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74526	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.52%
7) Chloroethane-d5	2.89	69	88106	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.24%
10) 1,1-Dichloroethene-d2	4.01	63	128859	13.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.80%
20) 2-Butanone-d5	7.08	46	67125	37.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.62%
24) Chloroform-d	7.64	84	226293	22.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	8.31	65	134157	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.68%
29) Benzene-d6	8.27	84	384888	20.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.76%
33) 1,2-Dichloropropane-d6	9.27	67	128912	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	10.32	98	318834	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.04%
38) trans-1,3-Dichloropropene-	10.58	79	49088	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.84%
39) 2-Hexanone-d5	10.93	63	40734	30.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112789	20.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	111679	22.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.40%

Target Compounds

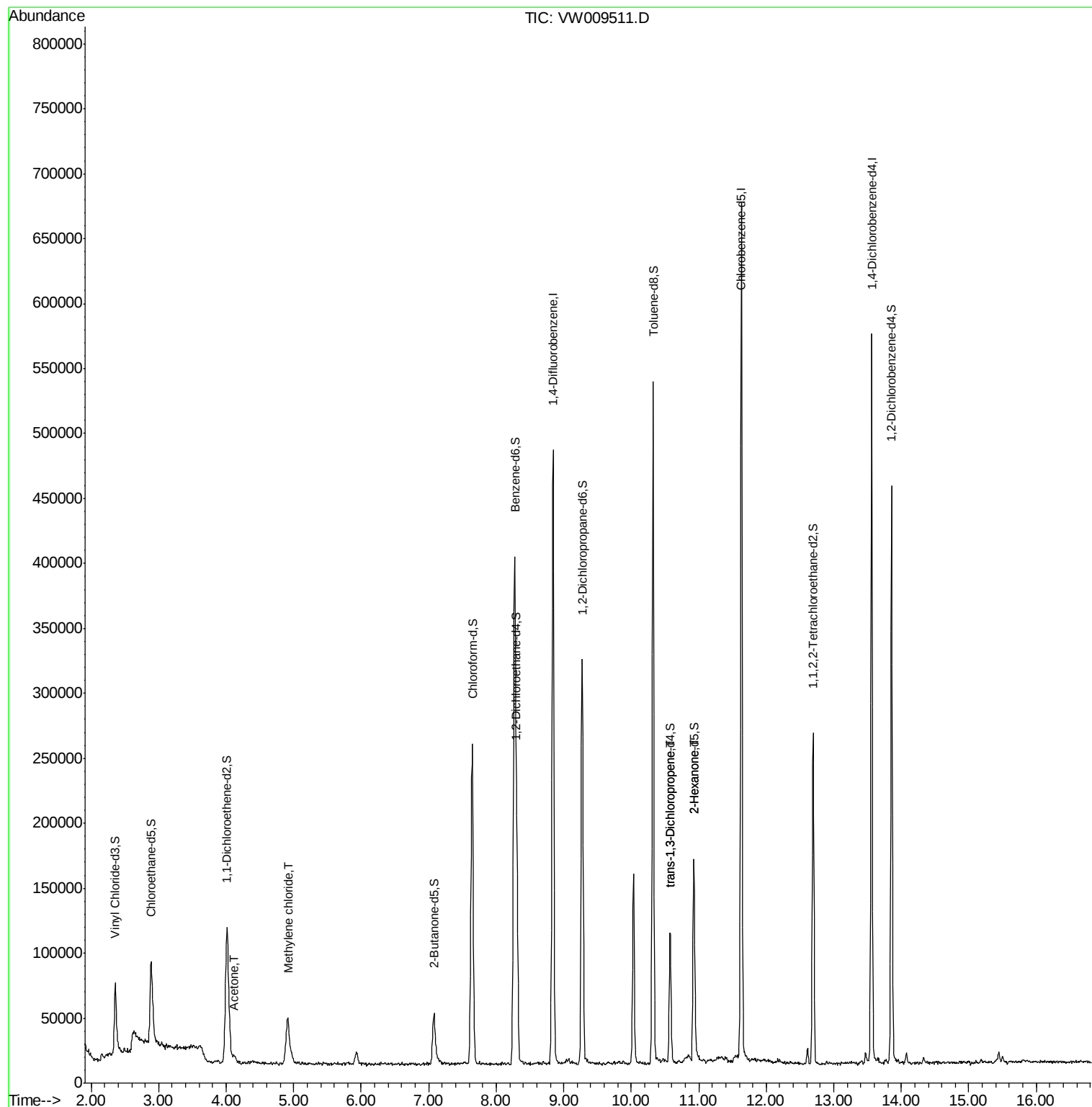
					Ovalue
13) Acetone	4.11	43	6640	4.500 ug/L	92
16) Methylene chloride	4.91	84	29325	5.524 ug/L	97
45) trans-1,3-Dichloropropene	10.57	75	3398	0.512 ug/L #	66
49) 2-Hexanone	10.93	43	9121	3.053 ug/L #	82

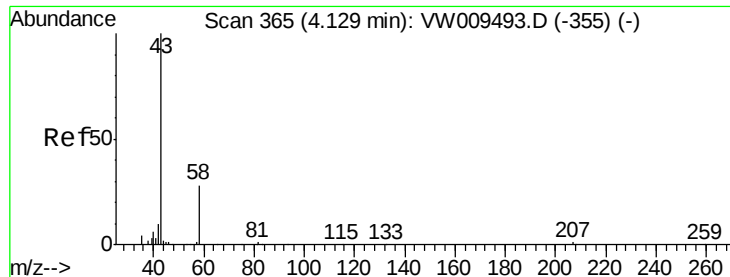
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.500 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.02 min

Lab File: VW009511.D

Acq: 27 Mar 2019 18:56

Instrument :

MSVOA_W

ClientSampled :

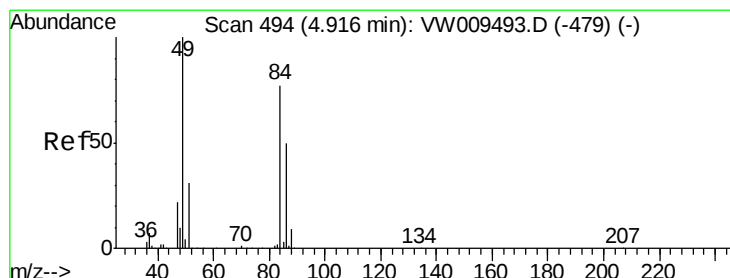
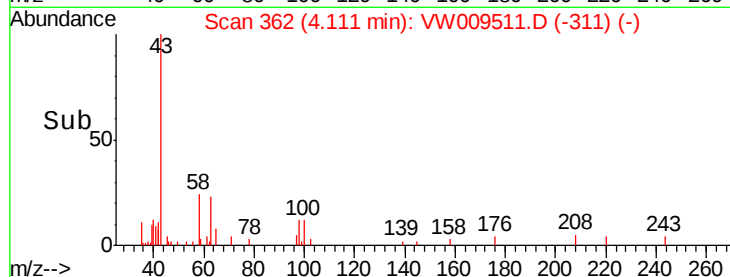
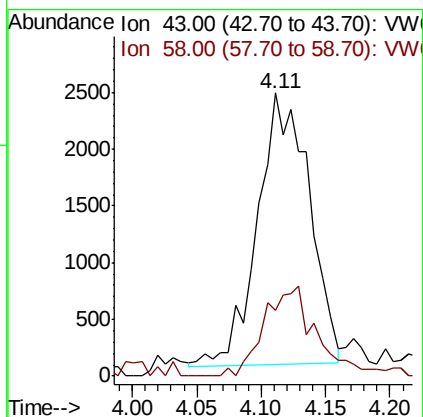
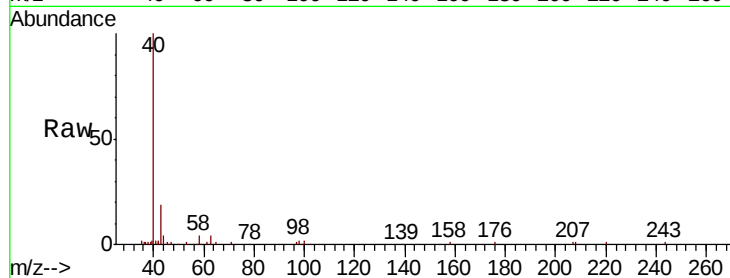
BF5L9

Tot Ion: 43 Resp: 6640

Ion Ratio Lower Upper

43 100

58 32.5 0.0 56.2



#16

Methylene chloride

Concen: 5.524 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009511.D

Acq: 27 Mar 2019 18:56

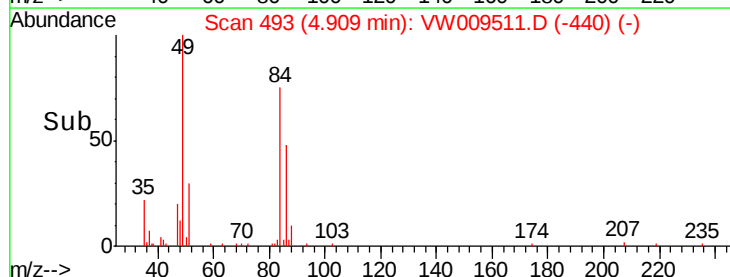
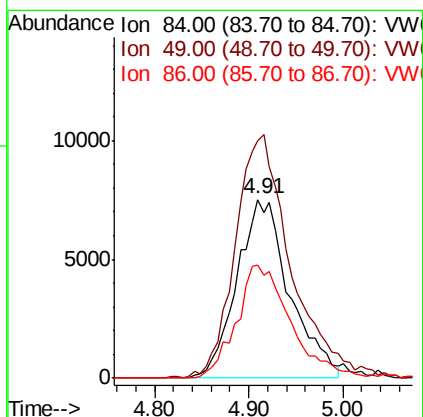
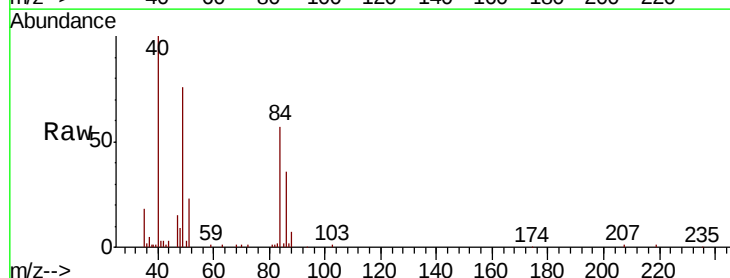
Tgt Ion: 84 Resp: 29325

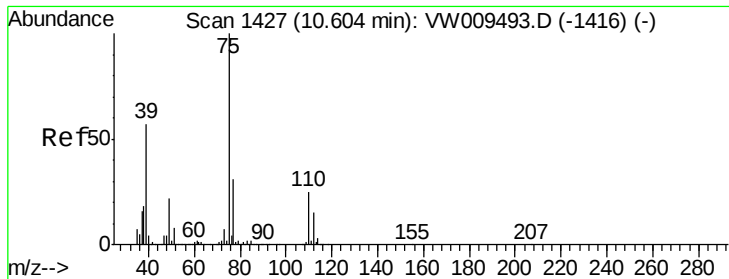
Ion Ratio Lower Upper

84 100

49 132.7 96.0 178.2

86 63.6 44.4 82.5





#45

trans-1,3-Dichloropropene

Concen: 0.512 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009511.D

Acq: 27 Mar 2019 18:56

Instrument :

MSVOA_W

ClientSampleId :

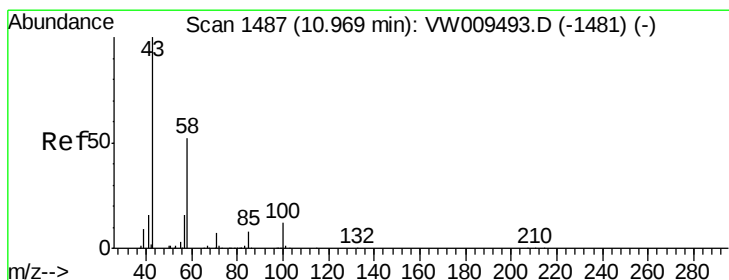
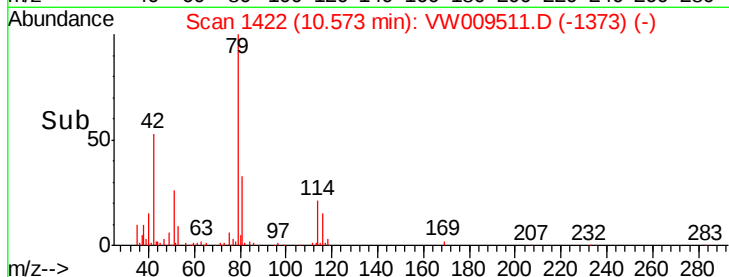
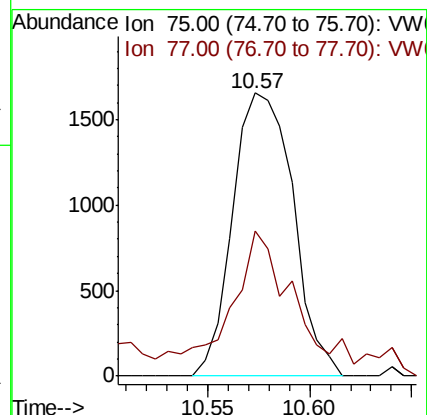
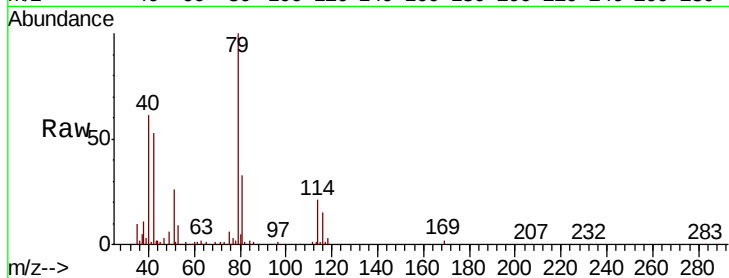
BF5L9

Tot Ion: 75 Resp: 3398

Ion Ratio Lower Upper

75 100

77 51.1 22.5 41.7#



#49

2-Hexanone

Concen: 3.053 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW009511.D

Acq: 27 Mar 2019 18:56

Tgt Ion: 43 Resp: 9121

Ion Ratio Lower Upper

43 100

58 32.5 39.2 58.8#

57 20.2 14.2 21.2

100 7.7 8.9 13.3#

