

Data File : VW009637.D
Acq On : 01 Apr 2019 21:33
Operator : SY/VA
Sample : K2119-08
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5C3

Quant Time: Apr 02 01:39:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	447630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419016	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163096	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116553	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	118848	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.01	63	183501	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	7.08	46	80872	36.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.12%
24) Chloroform-d	7.64	84	272933	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	175481	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.40%
29) Benzene-d6	8.27	84	473786	20.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.00%
33) 1,2-Dichloropropane-d6	9.27	67	158250	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.20%
37) Toluene-d8	10.32	98	396967	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.32%
38) trans-1,3-Dichloropropene-	10.57	79	62869	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.16%
39) 2-Hexanone-d5	10.93	63	48970	29.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153267	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	142475	22.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.12%

Target Compounds

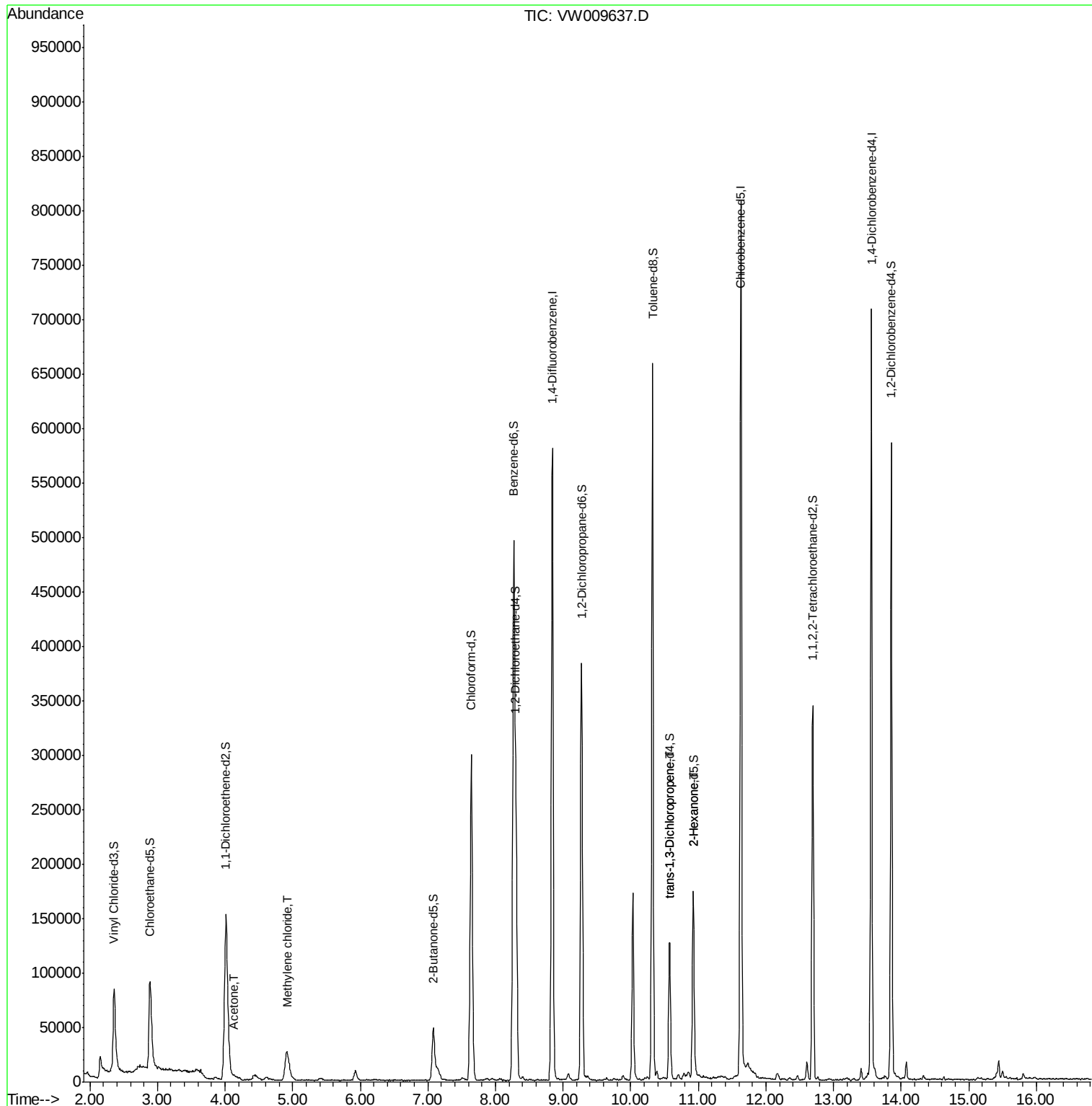
					Qvalue
13) Acetone	4.13	43	2169	1.196 ug/L	93
16) Methylene chloride	4.92	84	22653	3.470 ug/L	92
45) trans-1,3-Dichloropropene	10.57	75	4269	0.512 ug/L	94
49) 2-Hexanone	10.93	43	7574	2.017 ug/L #	71

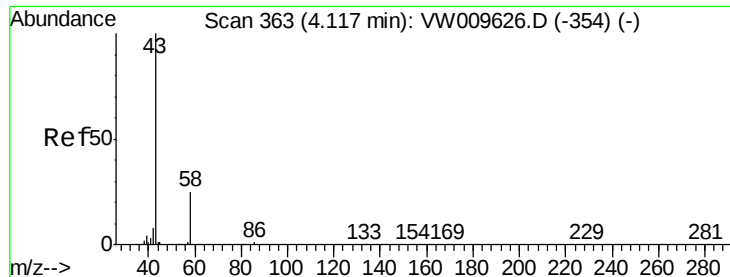
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.196 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 01 Apr 2019 21:33

Instrument :

MSVOA_W

ClientSampled :

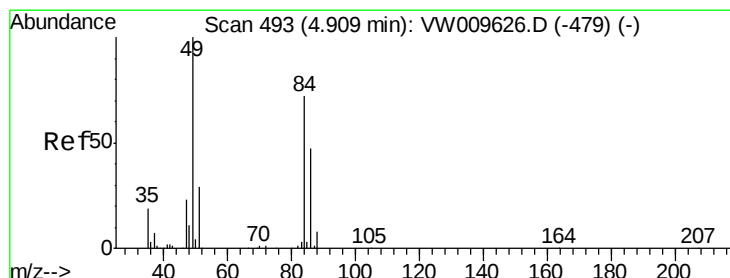
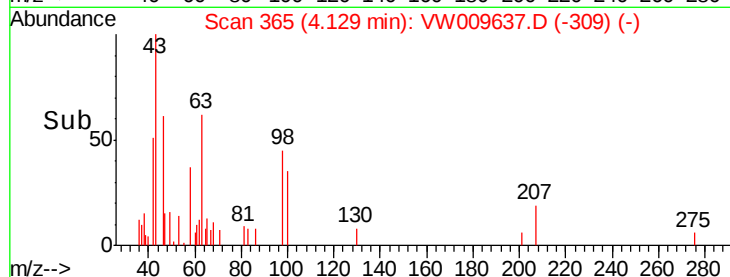
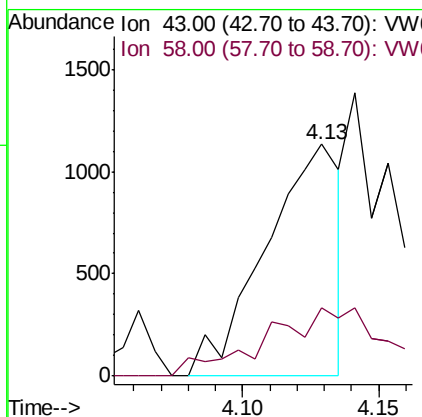
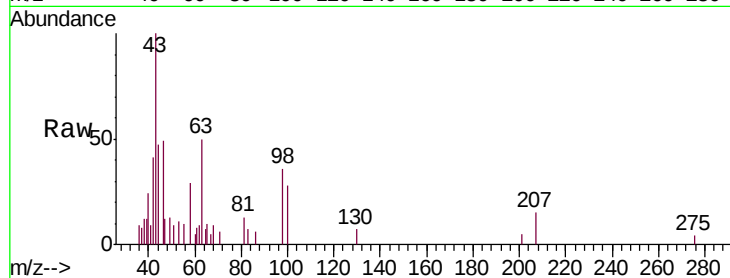
BF5C3

Tgt Ion: 43 Resp: 2169

Ion Ratio Lower Upper

43 100

58 24.2 0.0 56.2



#16

Methylene chloride

Concen: 3.470 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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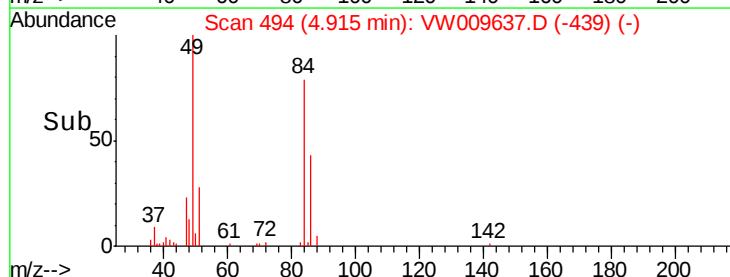
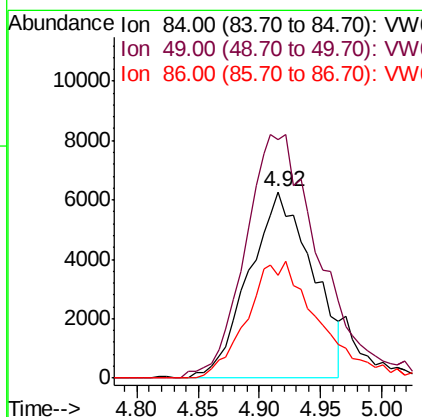
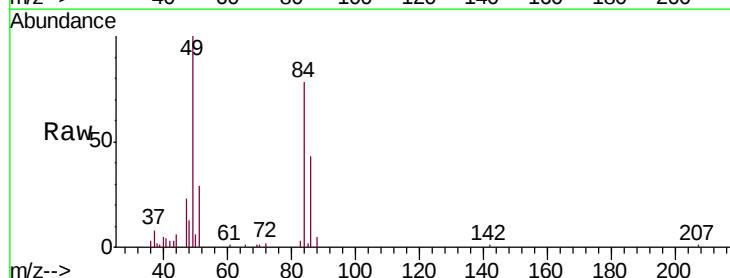
Tgt Ion: 84 Resp: 22653

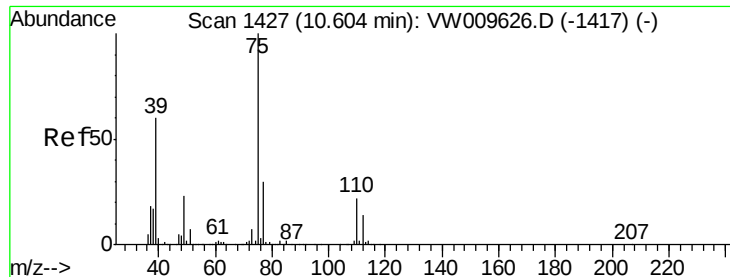
Ion Ratio Lower Upper

84 100

49 128.3 96.0 178.2

86 55.0 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

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Instrument :

MSVOA_W

ClientSampled :

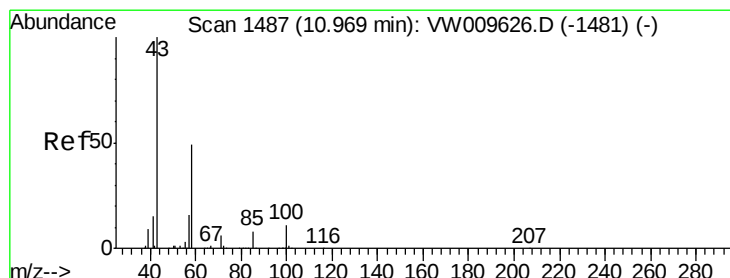
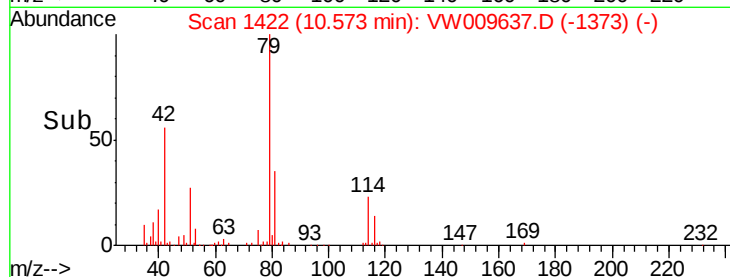
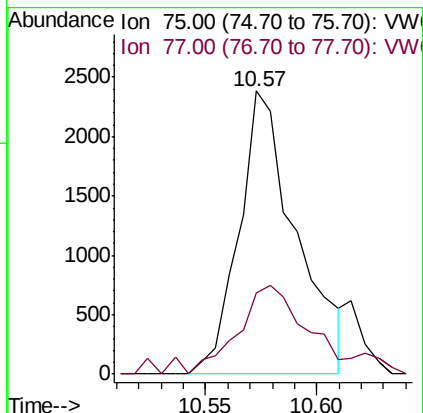
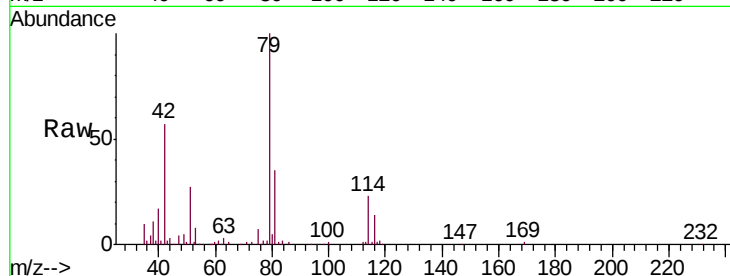
BF5C3

Tgt Ion: 75 Resp: 4269

Ion Ratio Lower Upper

75 100

77 28.6 22.5 41.7



#49

2-Hexanone

Concen: 2.017 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009637.D

Acq: 01 Apr 2019 21:33

Tgt Ion: 43 Resp: 7574

Ion Ratio Lower Upper

43 100

58 30.3 39.2 58.8#

57 36.0 14.2 21.2#

100 5.3 8.9 13.3#

