

Data File : VW009185.D
Acq On : 14 Mar 2019 22:19
Operator : SY/VA
Sample : K1794-18
Misc : 3.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5P5RE

Quant Time: Mar 15 06:58:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338679	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295343	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132495	32.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.96%
7) Chloroethane-d5	2.89	69	119446	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
10) 1,1-Dichloroethene-d2	4.01	63	195129	22.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.24%
20) 2-Butanone-d5	7.08	46	69844	41.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.46%
24) Chloroform-d	7.65	84	235318	25.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	8.40	65	139	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	460390	28.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.08%
33) 1,2-Dichloropropane-d6	9.27	67	137310	28.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.28%
37) Toluene-d8	10.32	98	396714	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.36%
38) trans-1,3-Dichloropropene-	10.58	79	54078	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.04%
39) 2-Hexanone-d5	10.93	63	52185	44.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120625	25.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	114759	26.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.12%

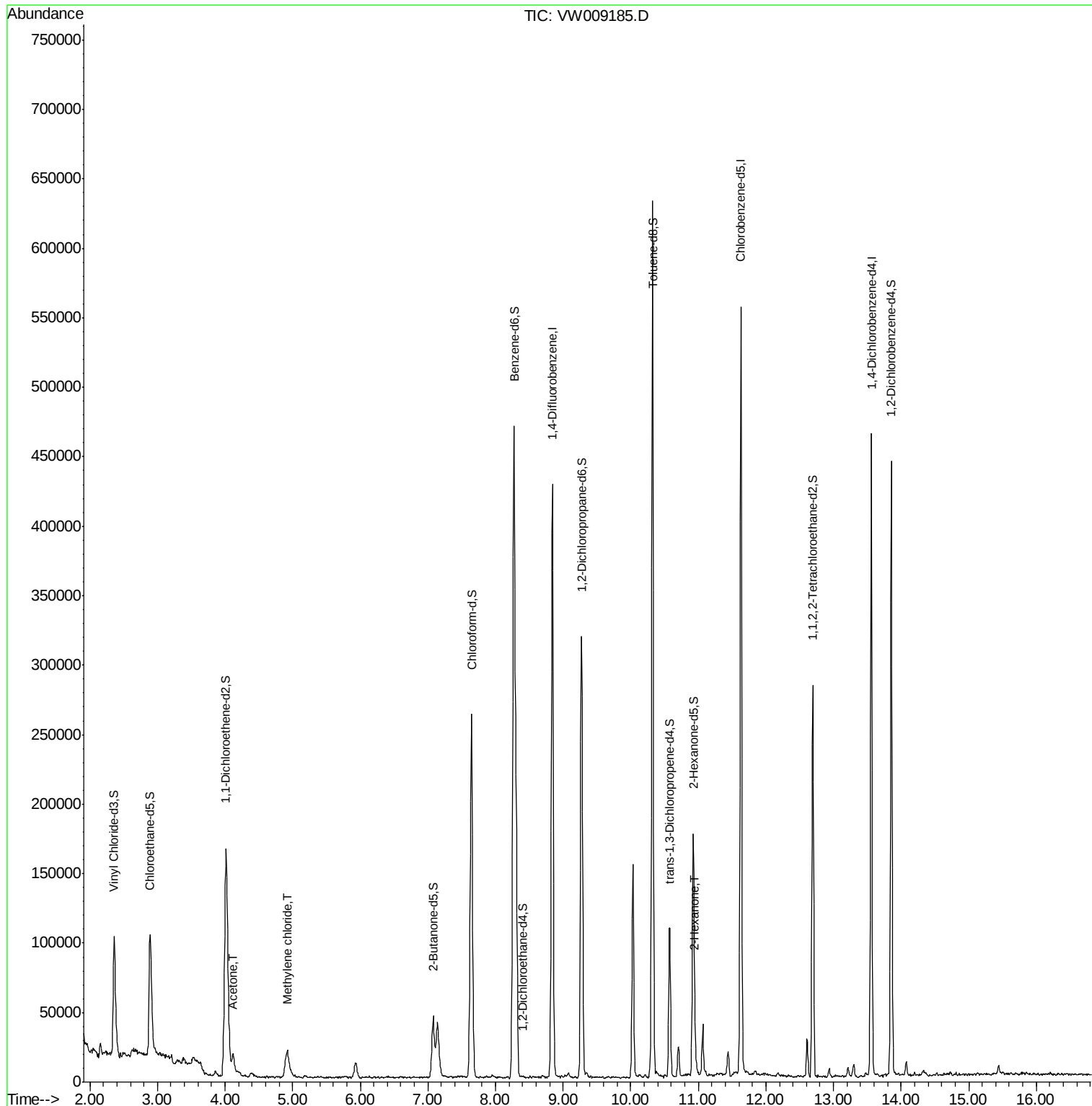
Target Compounds					Qvalue
13) Acetone	4.12	43	24721	18.011 ug/L	96
16) Methylene chloride	4.92	84	18405	3.727 ug/L	79
49) 2-Hexanone	10.95	43	11800	4.457 ug/L #	44

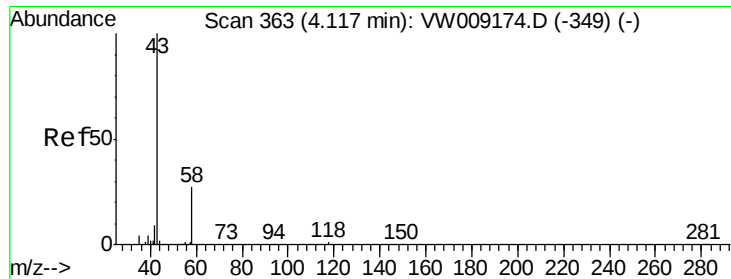
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.011 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

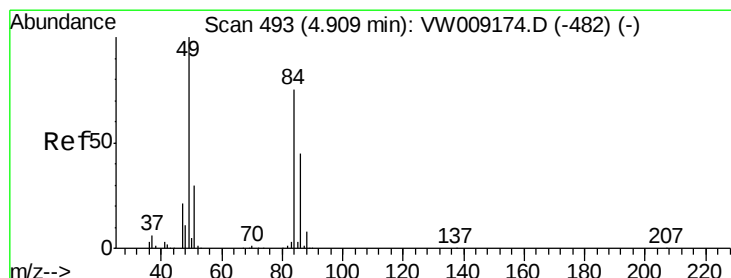
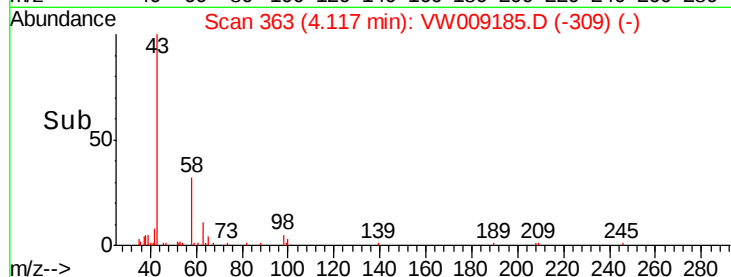
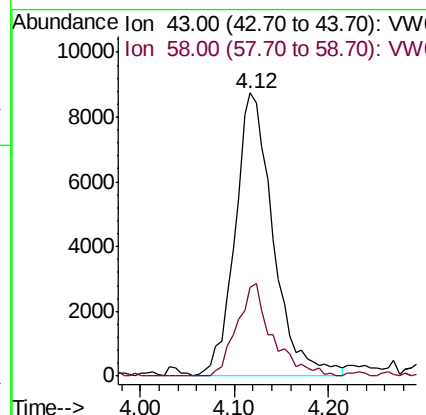
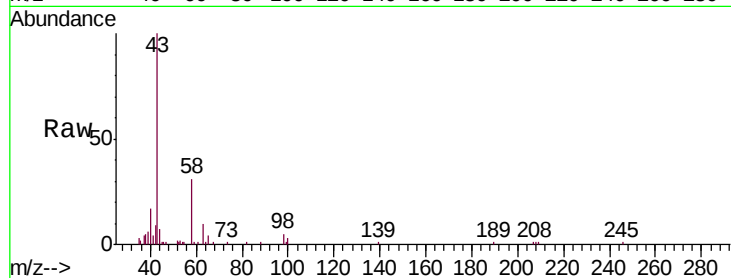
BF5P5RE

Tgt Ion: 43 Resp: 24721

Ion Ratio Lower Upper

43 100

58 25.9 0.0 56.2



#16

Methylene chloride

Concen: 3.727 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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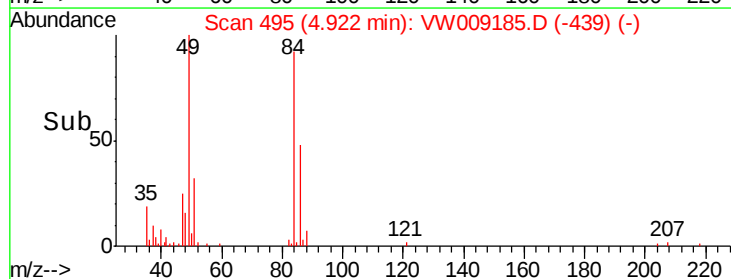
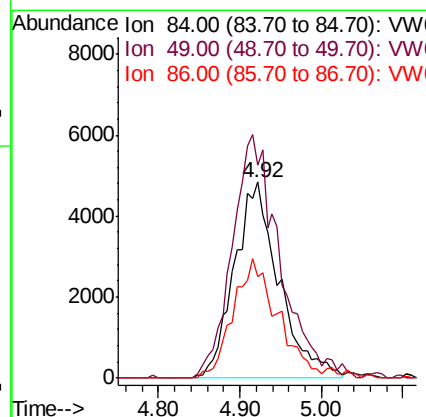
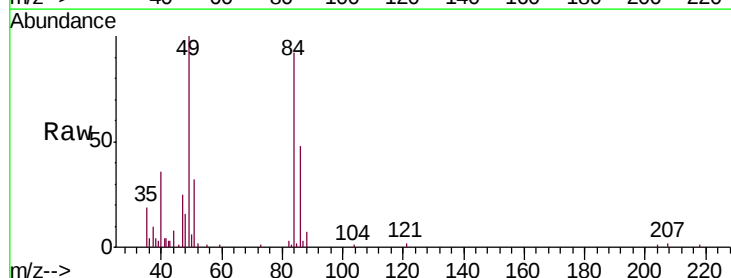
Tgt Ion: 84 Resp: 18405

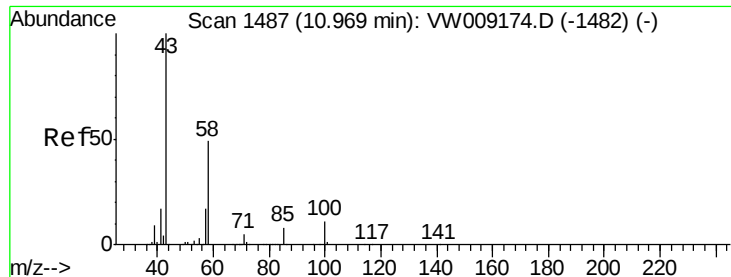
Ion Ratio Lower Upper

84 100

49 108.7 96.0 178.2

86 51.8 44.4 82.5





#49

2-Hexanone

Concen: 4.457 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009185.D

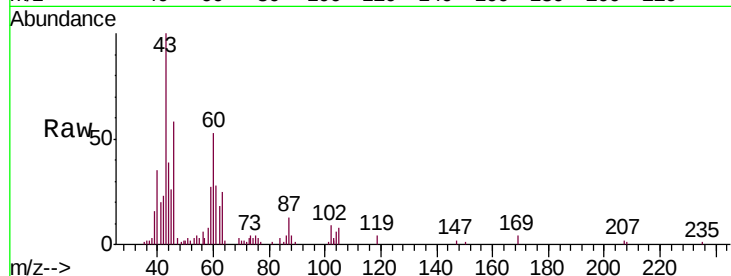
Acq: 14 Mar 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

BF5P5RE



Tgt Ion: 43 Resp: 11800

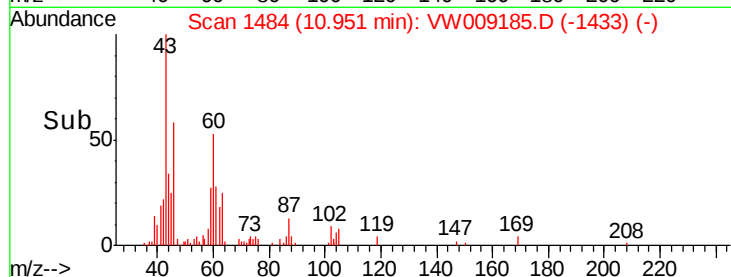
Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 3.9 14.2 21.2#

100 0.8 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

