

Data File : VW014413.D
Acq On : 18 Dec 2019 00:54
Operator : SY/VA
Sample : K6279-08
Misc : 4.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEY0

Quant Time: Dec 18 03:35:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	790596	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	685674	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	222662	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	232190	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
7) Chloroethane-d5	2.89	69	207409	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.02	63	326045	15.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.68%
20) 2-Butanone-d5	7.07	46	80658	25.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.70%
24) Chloroform-d	7.64	84	519426	25.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	8.31	65	285561	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	8.27	84	992519	24.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.80%
33) 1,2-Dichloropropane-d6	9.27	67	336005	27.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.72%
37) Toluene-d8	10.32	98	805826	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.72%
38) trans-1,3-Dichloropropene-	10.57	79	87934	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.80%
39) 2-Hexanone-d5	10.92	63	63399	25.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	243637	24.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	215750	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

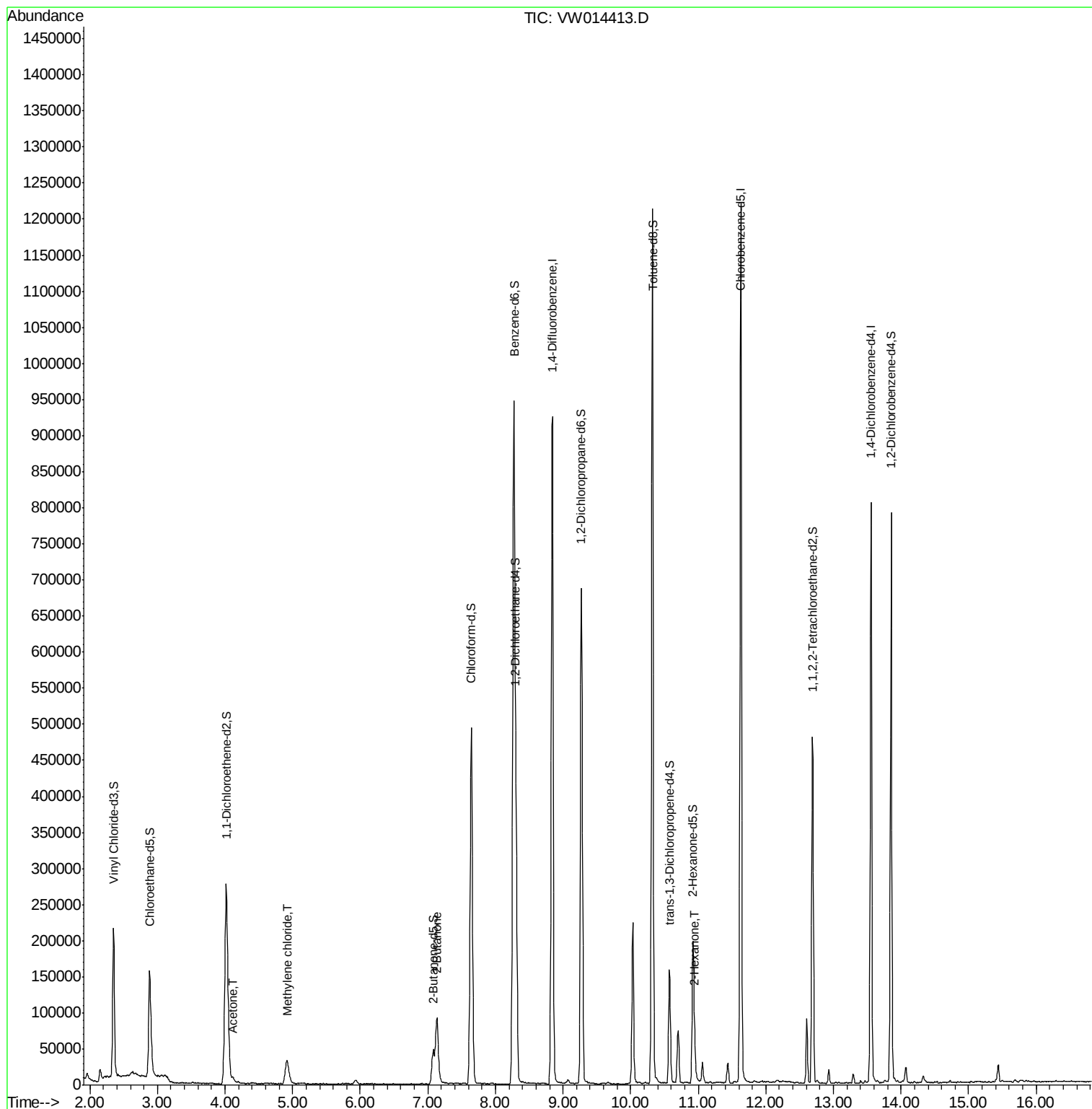
Target Compounds					Qvalue
13) Acetone	4.12	43	11357	3.776 ug/L	78
16) Methylene chloride	4.92	84	30153	2.488 ug/L	93
21) 2-Butanone	7.14	43	34176	8.463 ug/L #	49
49) 2-Hexanone	10.95	43	25812	4.929 ug/L #	39

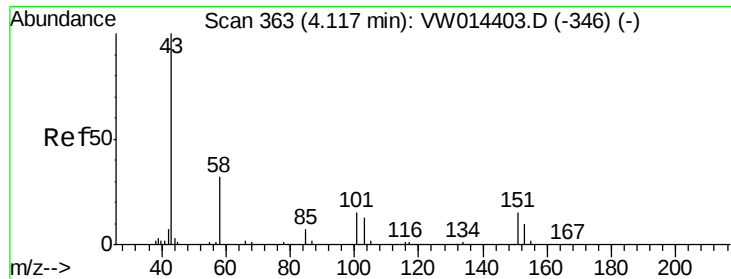
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.776 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 18 Dec 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

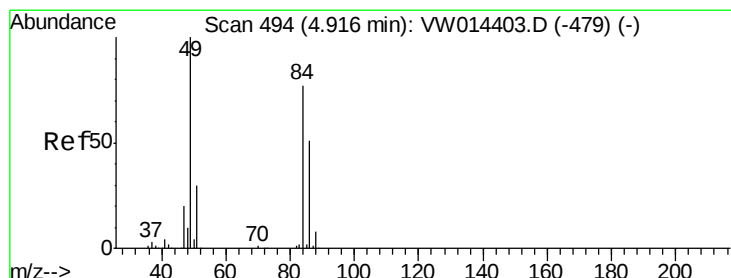
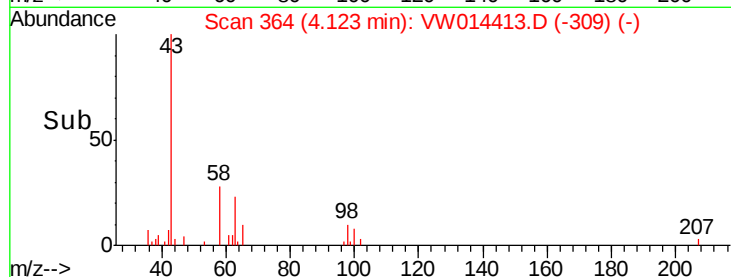
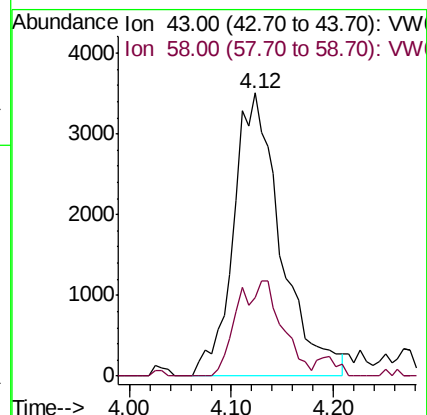
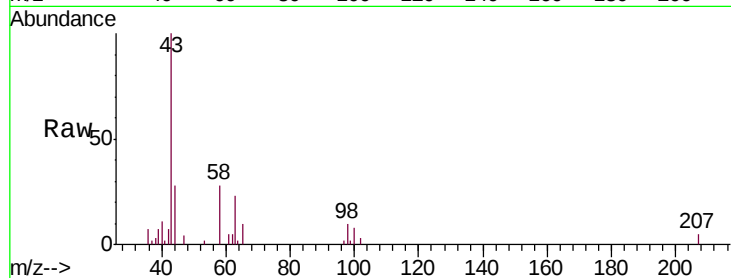
BFEY0

Tgt Ion: 43 Resp: 11357

Ion Ratio Lower Upper

43 100

58 20.4 0.0 65.4



#16

Methylene chloride

Concen: 2.488 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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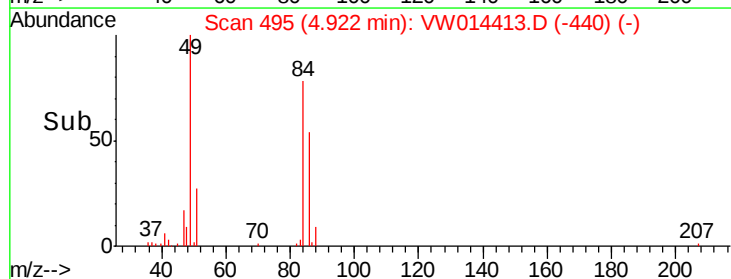
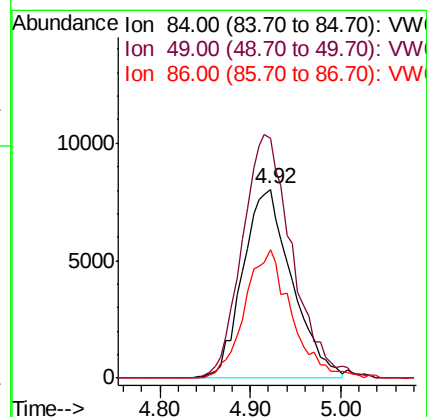
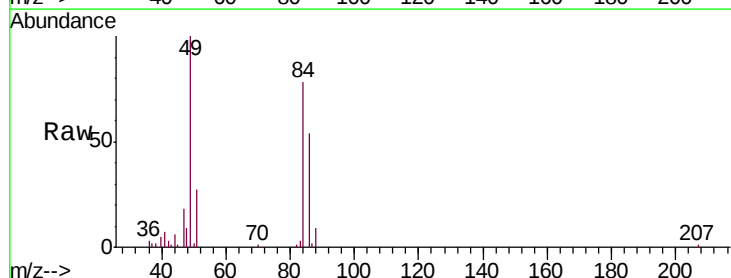
Tgt Ion: 84 Resp: 30153

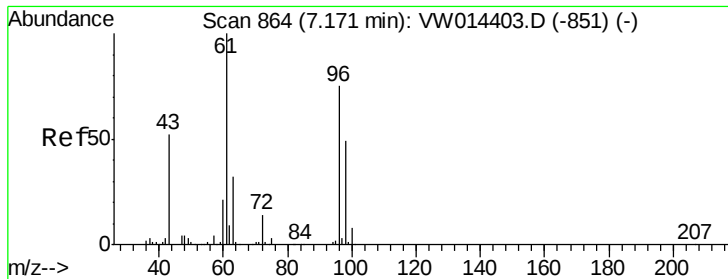
Ion Ratio Lower Upper

84 100

49 127.4 84.2 156.4

86 68.3 43.7 81.1





#21

2-Butanone

Concen: 8.463 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

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Acq: 18 Dec 2019 00:54

Instrument :

MSVOA_W

ClientSampled :

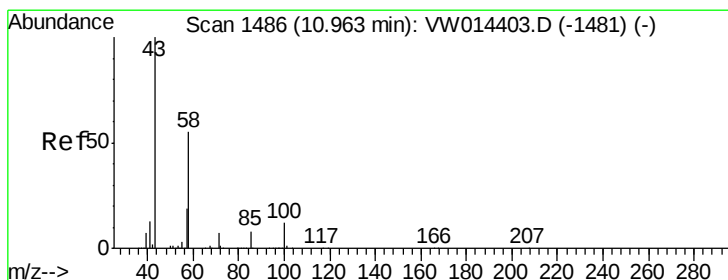
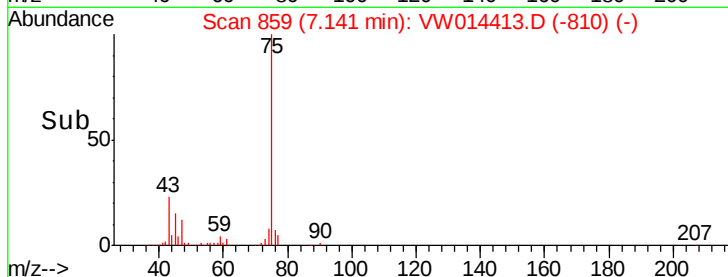
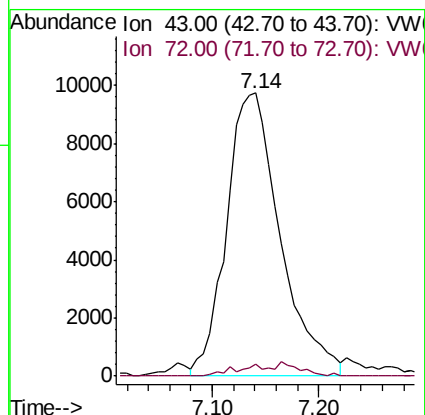
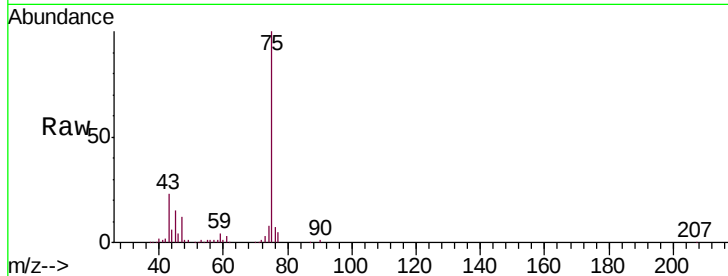
BFEY0

Tgt Ion: 43 Resp: 34176

Ion Ratio Lower Upper

43 100

72 1.3 14.1 42.2#



#49

2-Hexanone

Concen: 4.929 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.01 min

Lab File: VW014413.D

Acq: 18 Dec 2019 00:54

Tgt Ion: 43 Resp: 25812

Ion Ratio Lower Upper

43 100

58 1.2 44.4 66.6#

57 0.0 16.5 24.7#

100 0.3 11.1 16.7#

