

Data File : VW014359.D
Acq On : 13 Dec 2019 19:27
Operator : SY/VA
Sample : K6279-04
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEY6

Quant Time: Dec 14 04:33:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	912335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	781260	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	277766	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	262485	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
7) Chloroethane-d5	2.88	69	217414	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.68%
10) 1,1-Dichloroethene-d2	4.01	63	368132	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.36%
20) 2-Butanone-d5	7.08	46	72090	20.02	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.04%
24) Chloroform-d	7.65	84	516989	22.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	8.30	65	261430	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.88%
29) Benzene-d6	8.27	84	1027422	22.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.76%
33) 1,2-Dichloropropane-d6	9.27	67	333114	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	848946	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
38) trans-1,3-Dichloropropene-	10.57	79	90468	15.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.24%
39) 2-Hexanone-d5	10.93	63	56863	20.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202966	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	228654	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

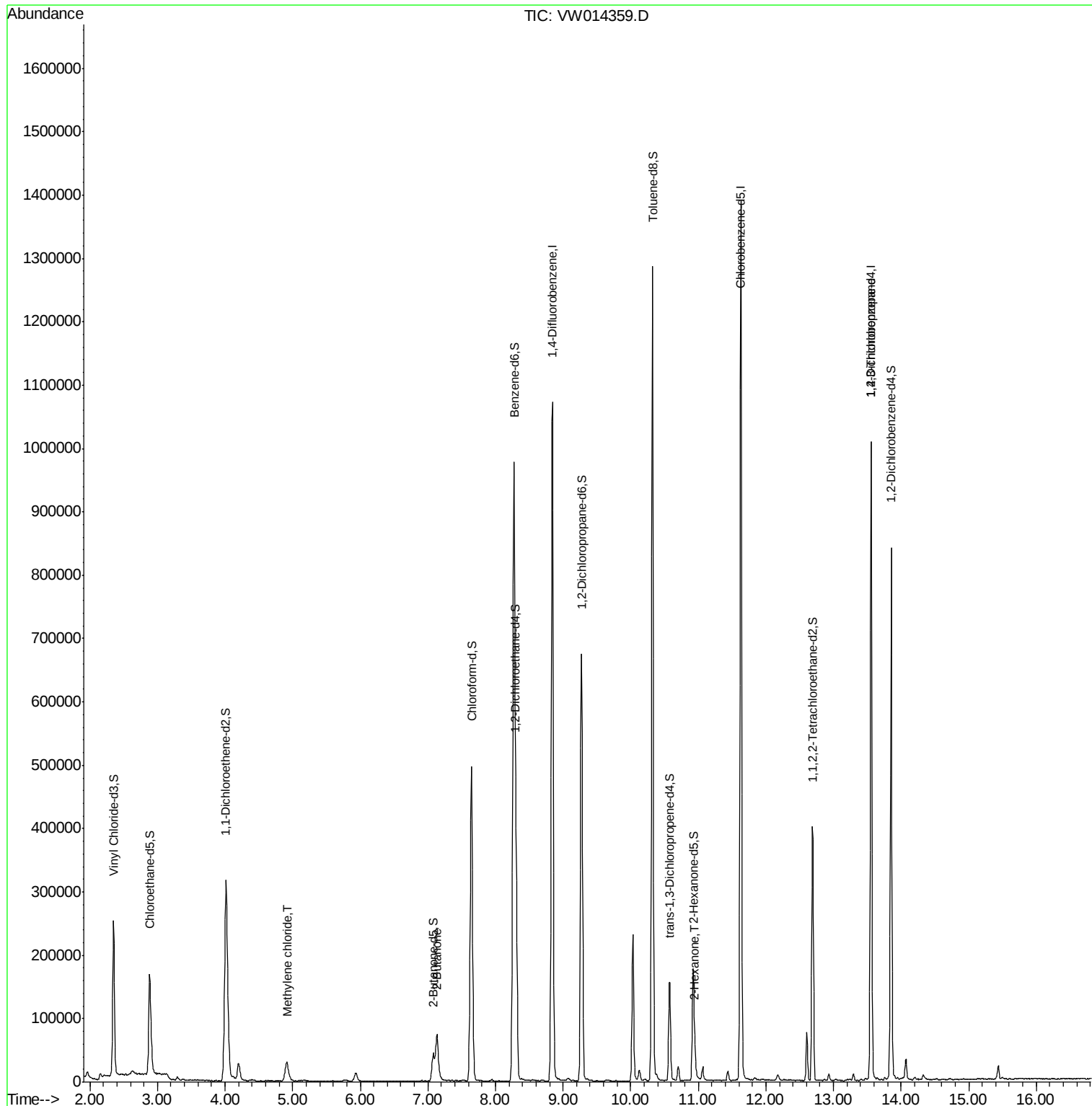
Target Compounds					Qvalue
16) Methylene chloride	4.91	84	25756	1.842 ug/L	97
21) 2-Butanone	7.13	43	29022	6.228 ug/L #	50
49) 2-Hexanone	10.96	43	25825	4.329 ug/L #	41
59) 1,2,3-Trichloropropane	13.55	75	33255	3.786 ug/L	94

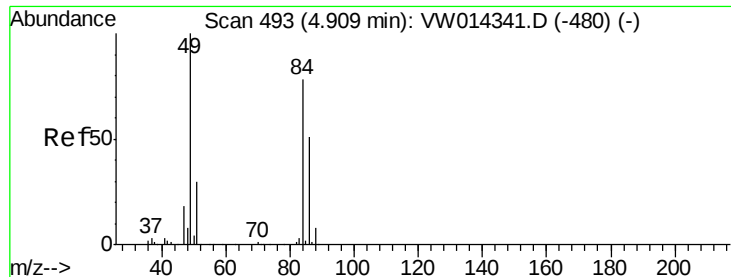
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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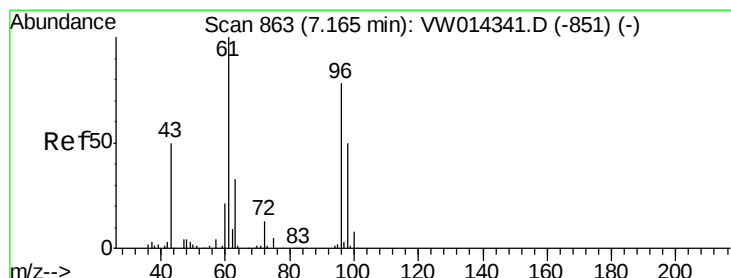
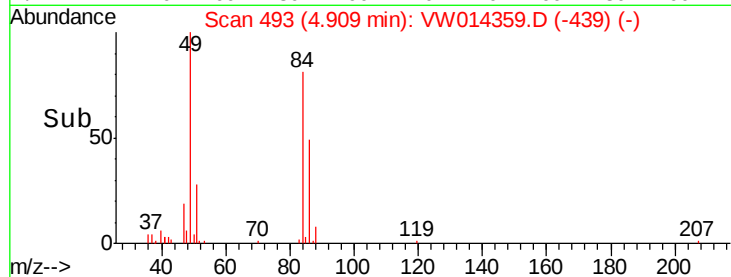
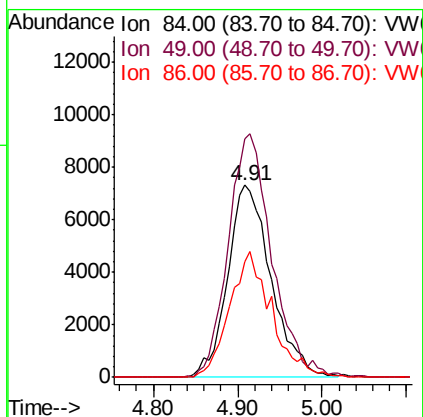
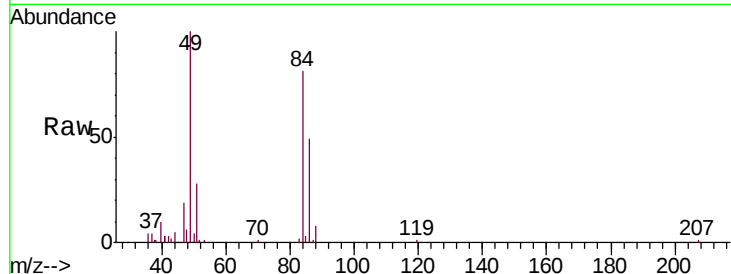




#16
Methylene chloride
Concen: 1.842 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
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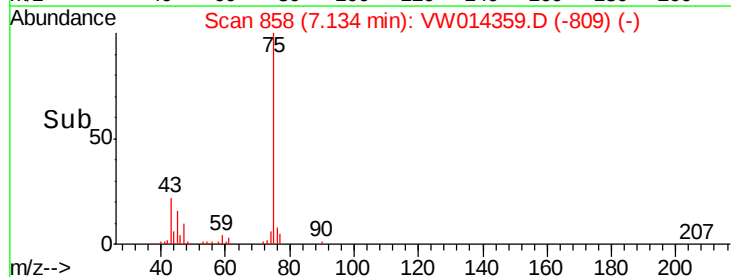
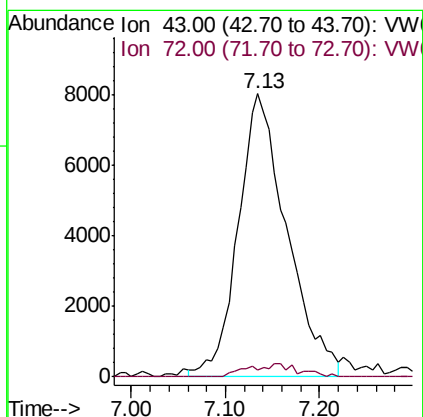
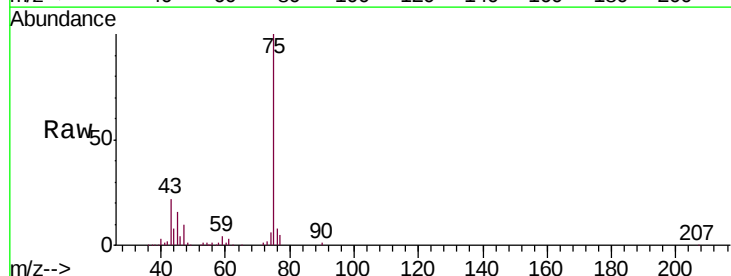
Instrument :
MSVOA_W
ClientSampleId :
BFEY6

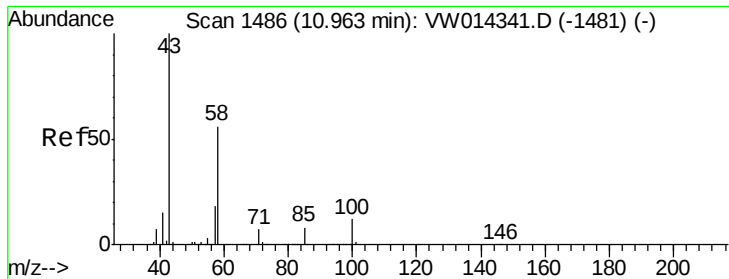
Tgt Ion: 84 Resp: 25756
Ion Ratio Lower Upper
84 100
49 124.2 84.2 156.4
86 60.5 43.7 81.1



#21
2-Butanone
Concen: 6.228 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW014359.D
Acq: 13 Dec 2019 19:27

Tgt Ion: 43 Resp: 29022
Ion Ratio Lower Upper
43 100
72 1.6 14.1 42.2#





#49

2-Hexanone

Concen: 4.329 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW014359.D

Acq: 13 Dec 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

BFEY6

Tgt Ion: 43 Resp: 25825

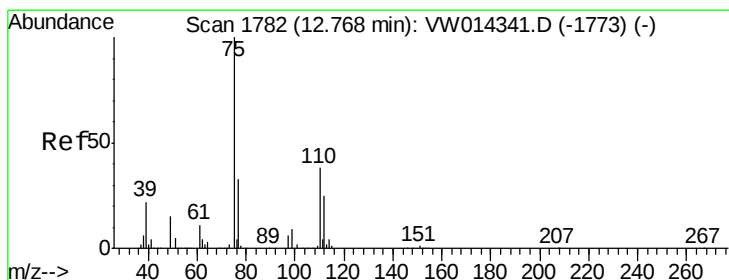
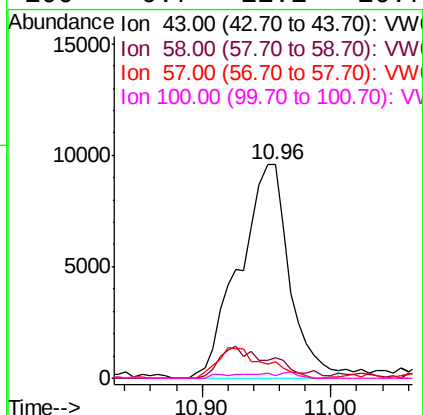
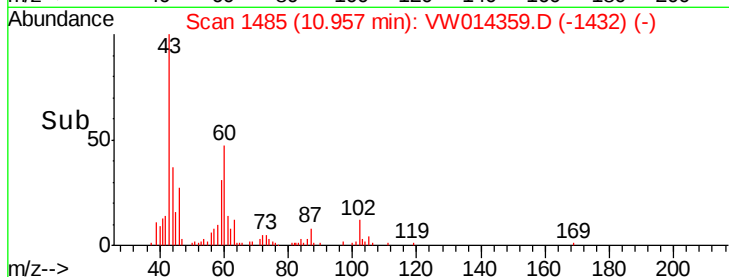
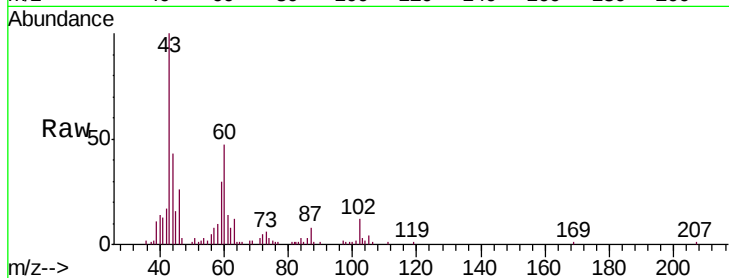
Ion Ratio Lower Upper

43 100

58 3.3 44.4 66.6#

57 0.0 16.5 24.7#

100 0.7 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 3.786 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 33255

Ion Ratio Lower Upper

75 100

77 35.5 25.9 38.9

