

Data File : VW014385.D
Acq On : 17 Dec 2019 11:59
Operator : SY/VA
Sample : K6277-18
Misc : 5.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C59

Quant Time: Dec 18 01:40:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	715100	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	457407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	121242	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	245579	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
7) Chloroethane-d5	2.89	69	213930	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.28%
10) 1,1-Dichloroethene-d2	4.01	63	318173	16.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.56%
20) 2-Butanone-d5	7.07	46	114384	40.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.08%
24) Chloroform-d	7.65	84	513827	28.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.88%
26) 1,2-Dichloroethane-d4	8.30	65	245469	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.84%
29) Benzene-d6	8.27	84	974595	36.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.44%#
33) 1,2-Dichloropropane-d6	9.27	67	353891	42.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	171.64%#
37) Toluene-d8	10.32	98	658282	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.64%
38) trans-1,3-Dichloropropene-	10.57	79	65018	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.16%
39) 2-Hexanone-d5	10.92	63	82098	50.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	249270	37.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	129128	27.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.48%

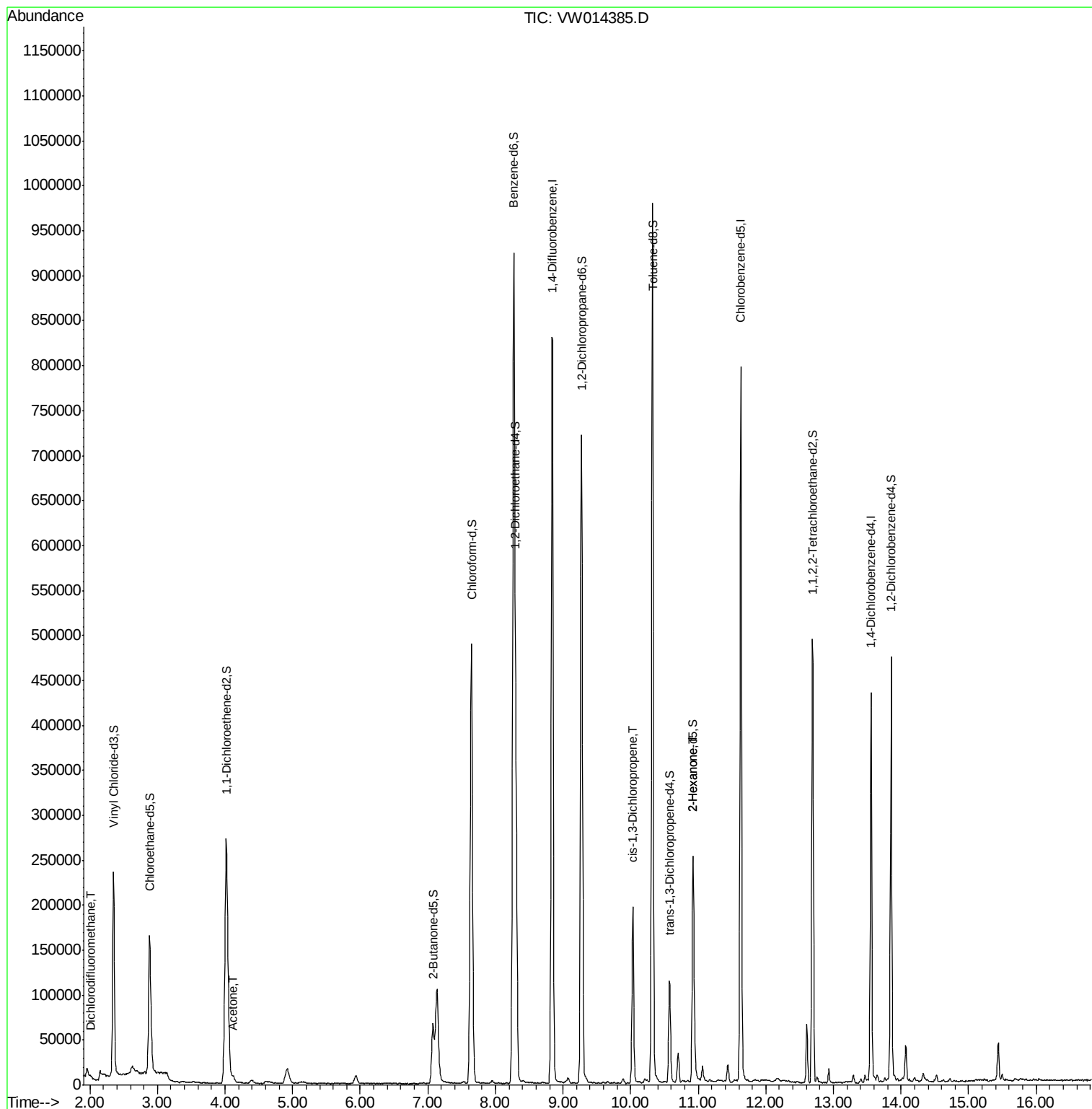
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	1897	0.279 ug/L	96
13) Acetone	4.12	43	9383	3.449 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4953	0.445 ug/L #	32
49) 2-Hexanone	10.93	43	11183	3.201 ug/L #	69

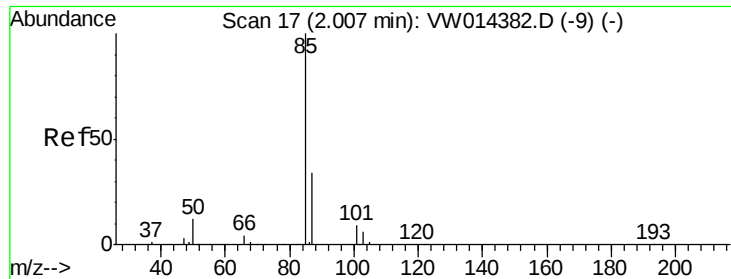
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.279 ug/L

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

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Acq: 17 Dec 2019 11:59

Instrument :

MSVOA_W

ClientSampled :

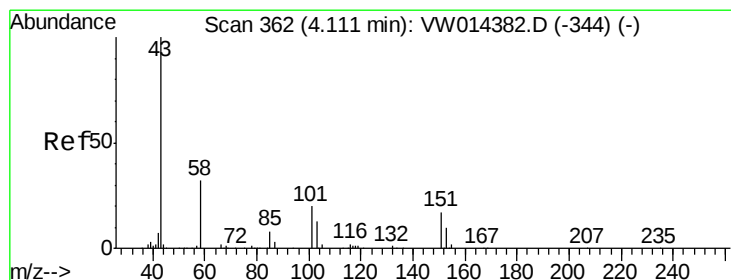
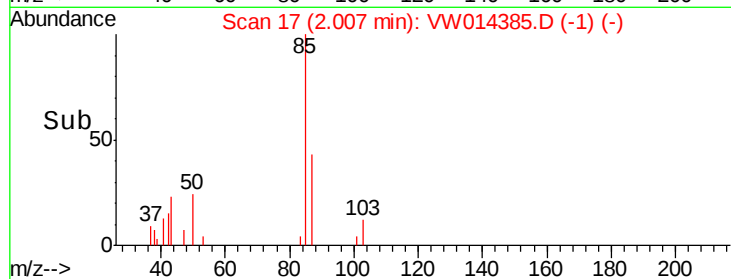
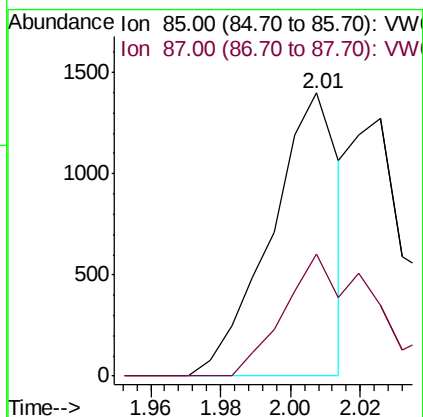
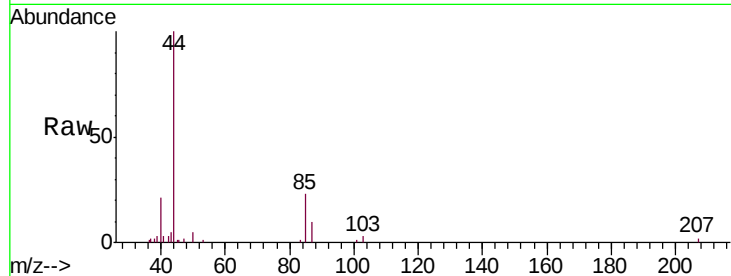
C0C59

Tgt Ion: 85 Resp: 1897

Ion Ratio Lower Upper

85 100

87 33.8 22.1 41.1



#13

Acetone

Concen: 3.449 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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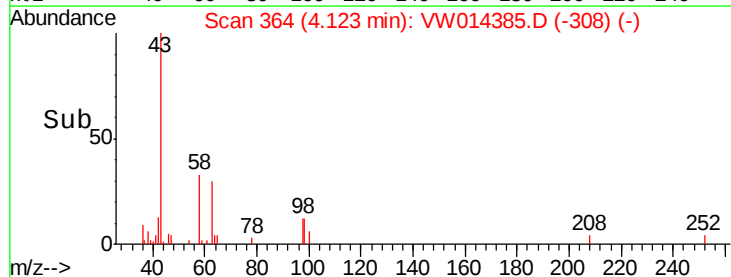
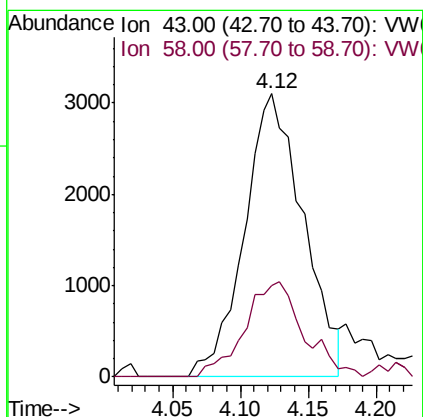
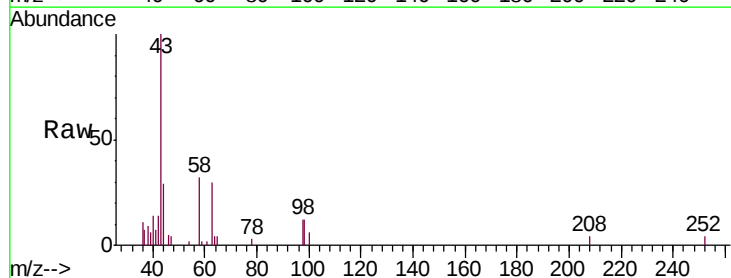
Acq: 17 Dec 2019 11:59

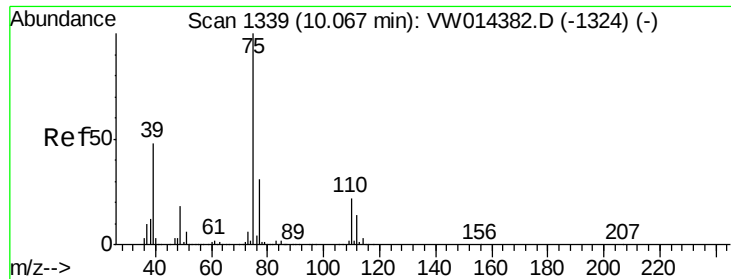
Tgt Ion: 43 Resp: 9383

Ion Ratio Lower Upper

43 100

58 30.0 0.0 65.4





#42

cis-1,3-Dichloropropene

Concen: 0.445 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampleId :

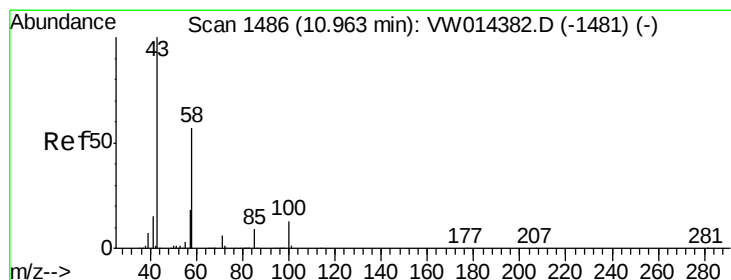
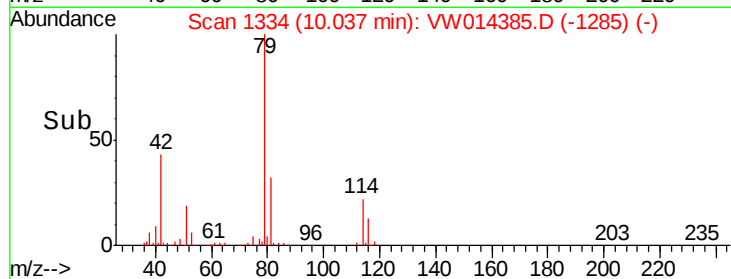
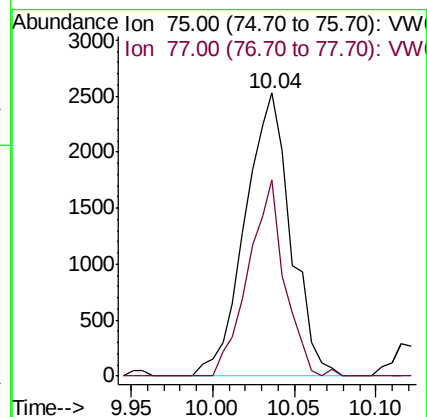
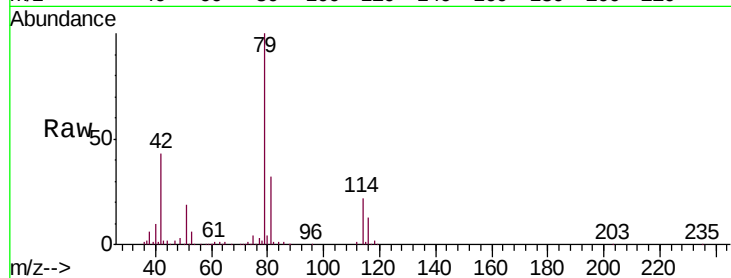
C0C59

Tgt Ion: 75 Resp: 4953

Ion Ratio Lower Upper

75 100

77 69.5 22.1 41.1#



#49

2-Hexanone

Concen: 3.201 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014385.D

Acq: 17 Dec 2019 11:59

Tgt Ion: 43 Resp: 11183

Ion Ratio Lower Upper

43 100

58 35.5 44.4 66.6#

57 39.2 16.5 24.7#

100 1.8 11.1 16.7#

