

Data File : VW014252.D
Acq On : 06 Dec 2019 16:24
Operator : SY/VA
Sample : K6172-03
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BS9

Quant Time: Dec 07 04:13:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1113206	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	863002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	235758	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	435264	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
7) Chloroethane-d5	2.89	69	350143	27.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.76%
10) 1,1-Dichloroethene-d2	4.21	63	388	0.01	ug/L	0.19
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	159030	36.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.40%
24) Chloroform-d	7.65	84	768223	27.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	8.57	65	126	0.01	ug/L	0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1603521	31.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.80%
33) 1,2-Dichloropropane-d6	9.27	67	509549	32.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.00%#
37) Toluene-d8	10.32	98	1307447	28.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.36%
38) trans-1,3-Dichloropropene-	10.57	79	154113	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.44%
39) 2-Hexanone-d5	10.92	63	125181	40.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	327712	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	299042	33.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	132.76%#

Target Compounds

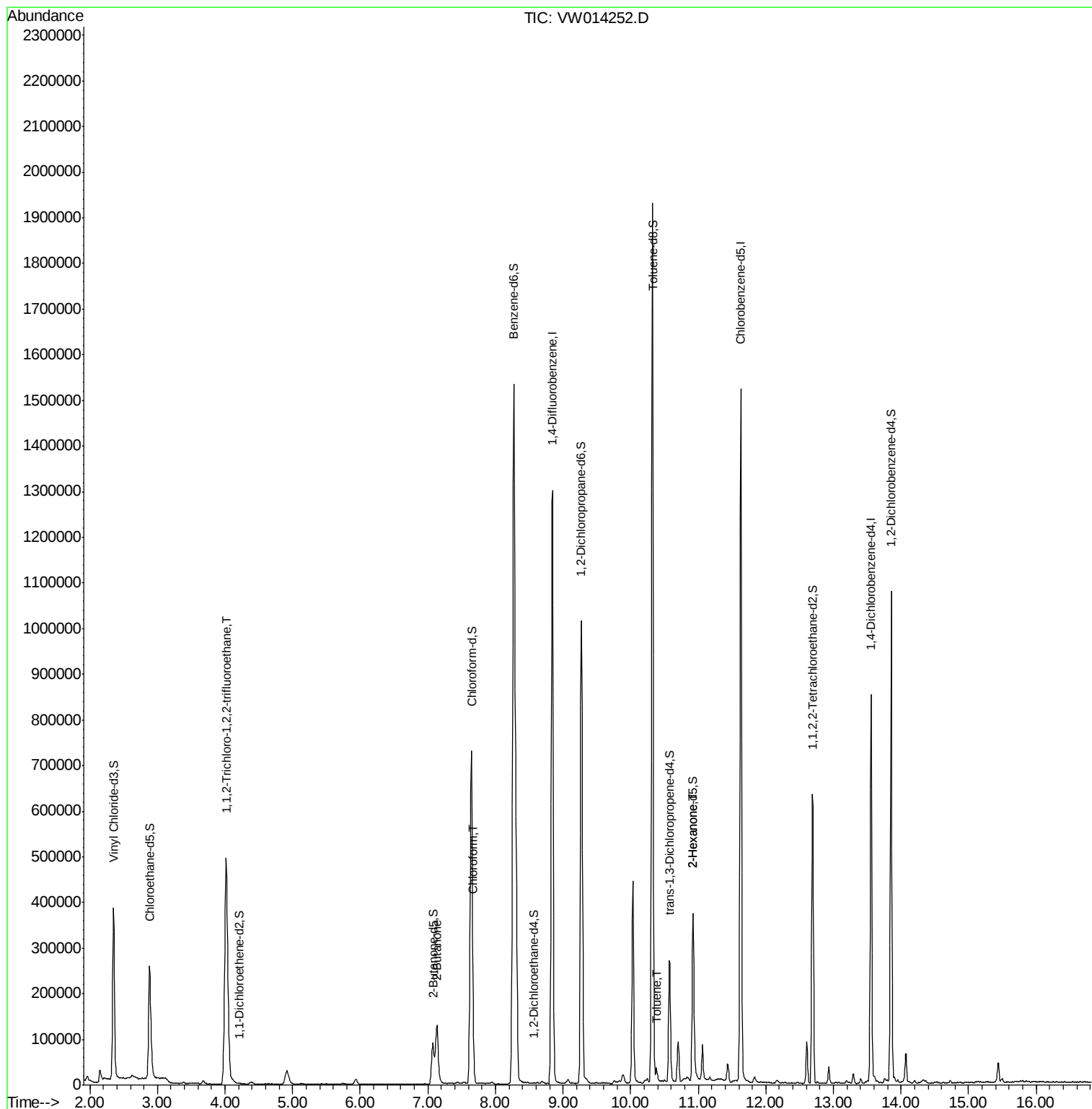
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	6788	0.462 ug/L #	18
21) 2-Butanone	7.13	43	15901	2.796 ug/L #	53
25) Chloroform	7.67	83	13232	0.476 ug/L #	2
44) Toluene	10.39	91	20780	0.363 ug/L	97
49) 2-Hexanone	10.93	43	22403	3.399 ug/L #	65

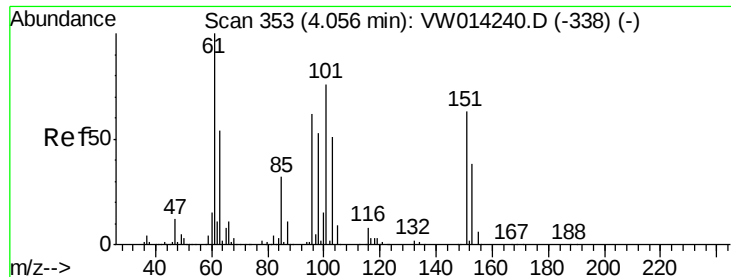
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014252.D
Acq On : 06 Dec 2019 16:24
Operator : SY/VA
Sample : K6172-03
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BS9

Quant Time: Dec 07 04:13:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.462 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.03 min

Lab File: VW014252.D

Acq: 06 Dec 2019 16:24

Instrument :

MSVOA_W

ClientSampled :

C0BS9

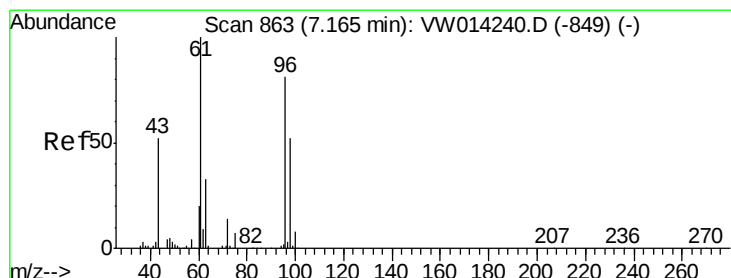
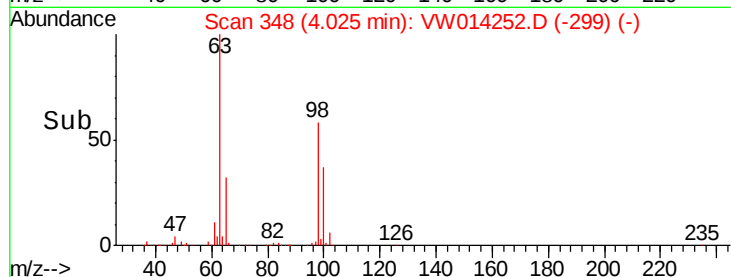
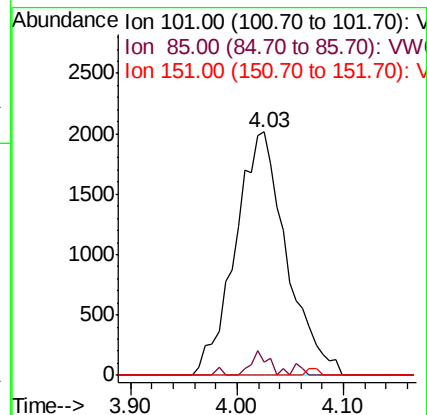
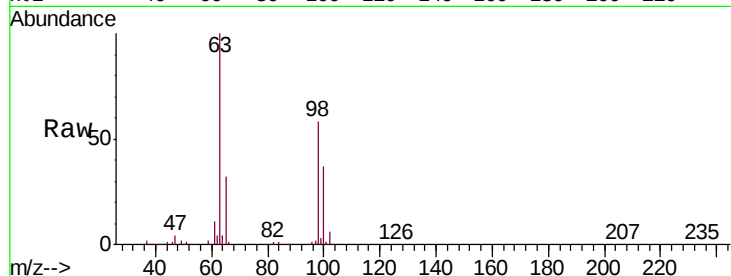
Tgt Ion:101 Resp: 6788

Ion Ratio Lower Upper

101 100

85 3.2 31.4 47.2#

151 0.0 66.9 100.3#



#21

2-Butanone

Concen: 2.796 ug/L

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW014252.D

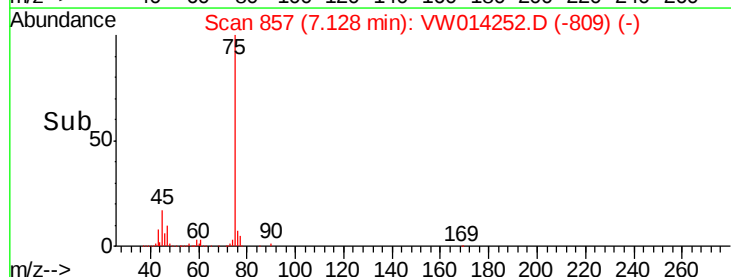
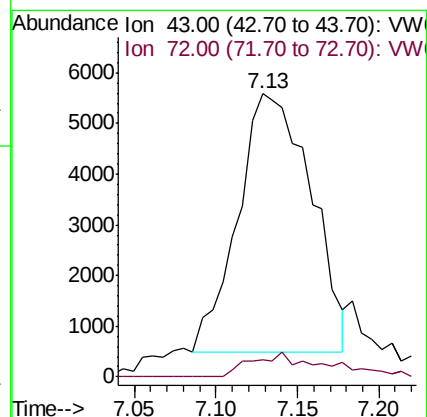
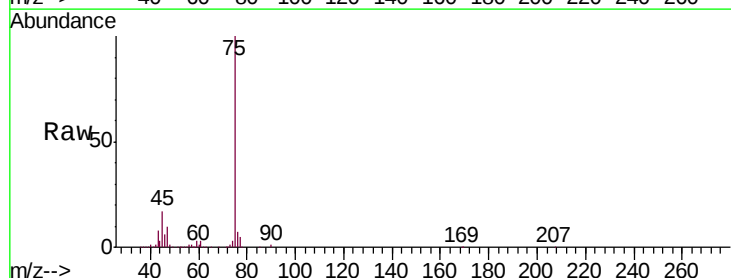
Acq: 06 Dec 2019 16:24

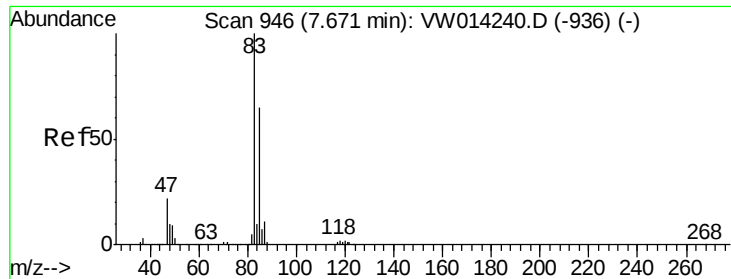
Tgt Ion: 43 Resp: 15901

Ion Ratio Lower Upper

43 100

72 3.3 14.1 42.2#





#25

Chloroform

Concen: 0.476 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014252.D

Acq: 06 Dec 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

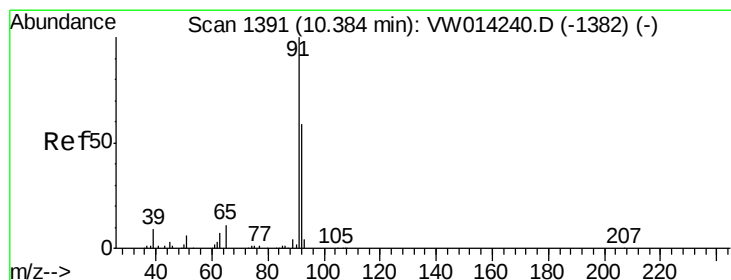
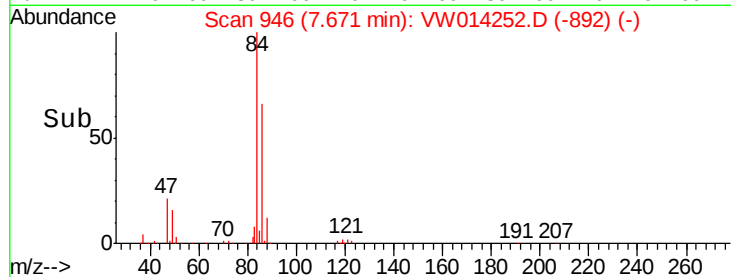
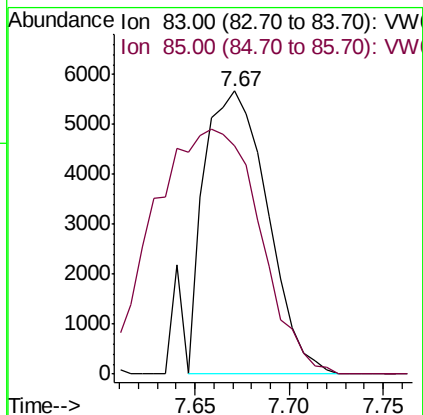
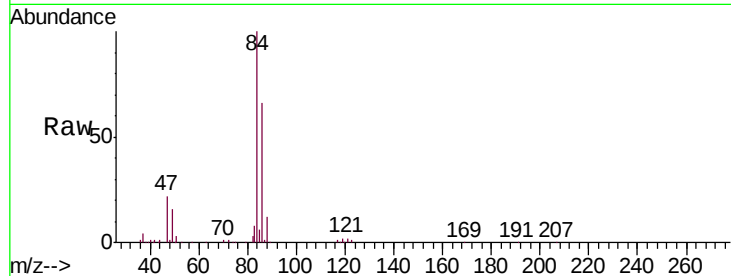
C0BS9

Tgt Ion: 83 Resp: 13232

Ion Ratio Lower Upper

83 100

85 144.0 46.1 85.7#



#44

Toluene

Concen: 0.363 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014252.D

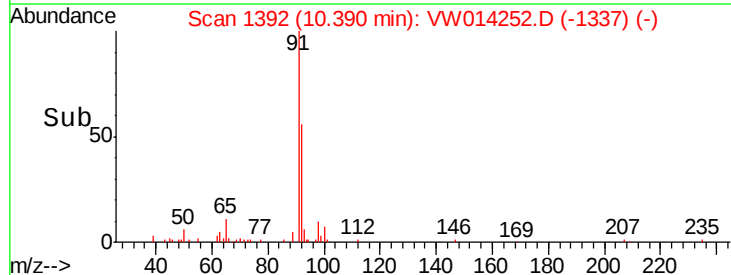
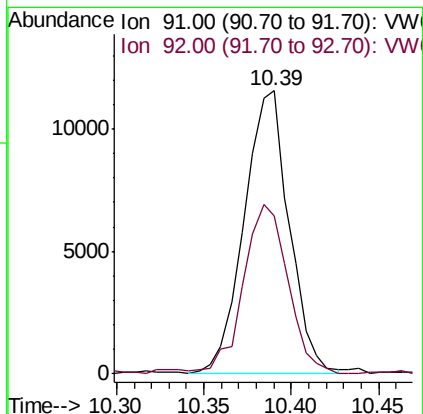
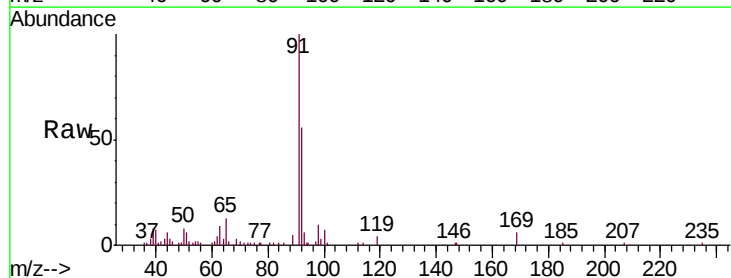
Acq: 06 Dec 2019 16:24

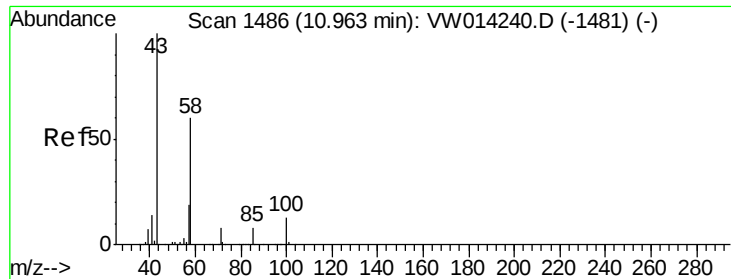
Tgt Ion: 91 Resp: 20780

Ion Ratio Lower Upper

91 100

92 55.9 40.7 75.7





#49

2-Hexanone

Concen: 3.399 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014252.D

Acq: 06 Dec 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

C0BS9

Tgt Ion: 43 Resp: 22403

Ion Ratio Lower Upper

43 100

58 20.3 44.4 66.6#

57 24.8 16.5 24.7#

100 5.0 11.1 16.7#

