

Data File : VW014348.D
Acq On : 13 Dec 2019 14:37
Operator : SY/VA
Sample : K6254-14
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C41

Quant Time: Dec 14 04:31:29 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	785300	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	606731	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	180988	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	256834	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
7) Chloroethane-d5	2.89	69	216944	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	4.01	63	349290	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.07	46	95762	30.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.80%
24) Chloroform-d	7.64	84	520974	26.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.24%
26) 1,2-Dichloroethane-d4	8.30	65	265783	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.40%
29) Benzene-d6	8.27	84	1037322	29.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.68%
33) 1,2-Dichloropropane-d6	9.27	67	345686	31.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.40%#
37) Toluene-d8	10.32	98	804218	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.04%
38) trans-1,3-Dichloropropene-	10.57	79	92496	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.60%
39) 2-Hexanone-d5	10.92	63	78357	36.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	225851	25.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	184971	26.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.00%

Target Compounds

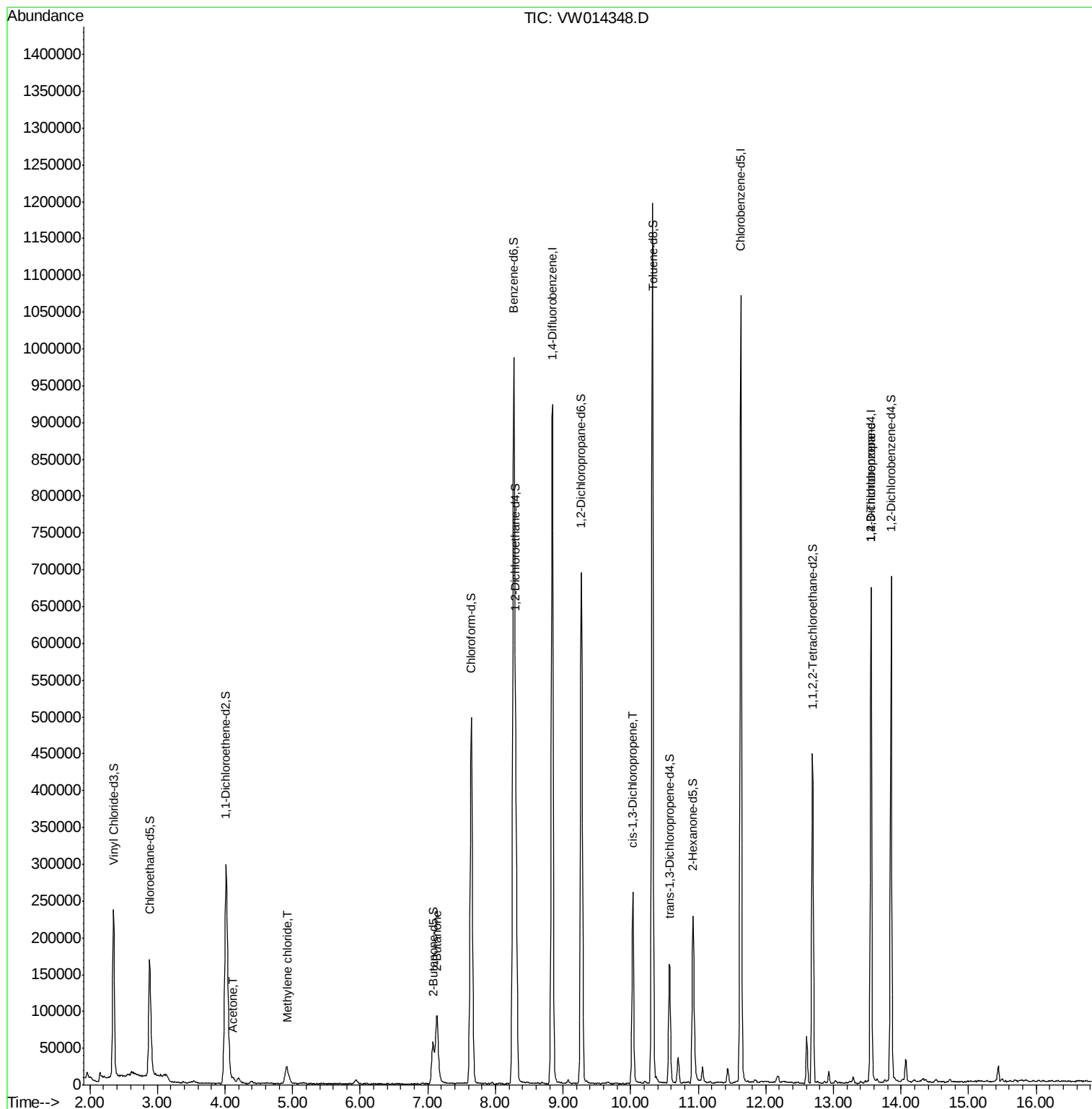
					Qvalue
13) Acetone	4.12	43	10154	3.399 ug/L	97
16) Methylene chloride	4.92	84	20425	1.697 ug/L	89
21) 2-Butanone	7.13	43	31652	7.891 ug/L #	50
42) cis-1,3-Dichloropropene	10.04	75	6209	0.420 ug/L #	52
59) 1,2,3-Trichloropropane	13.55	75	21401	3.138 ug/L	94

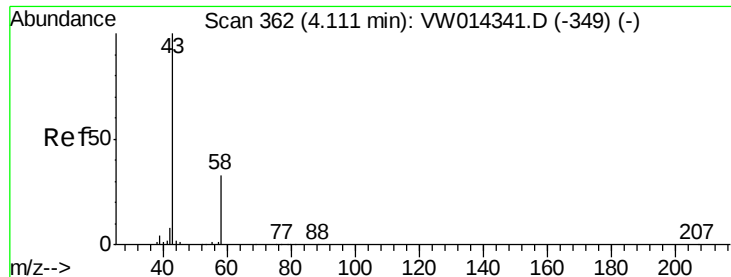
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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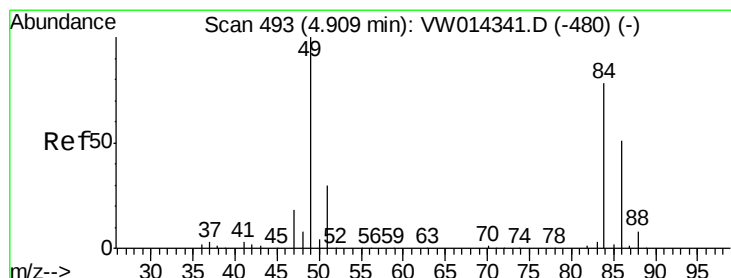
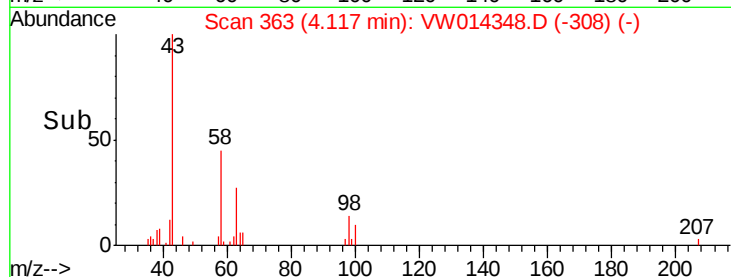
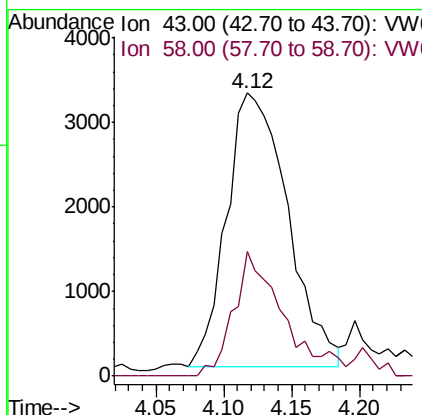
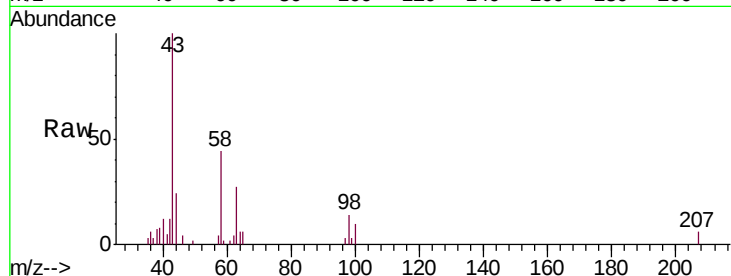




#13
Acetone
Concen: 3.399 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014348.D
Acq: 13 Dec 2019 14:37

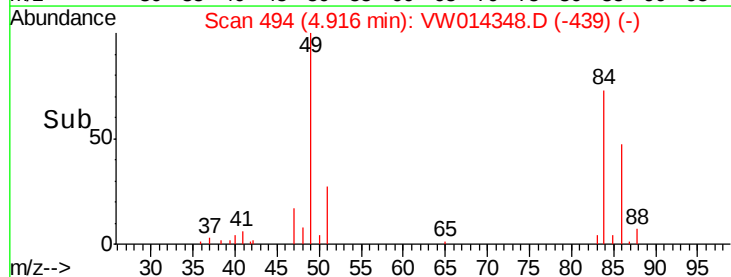
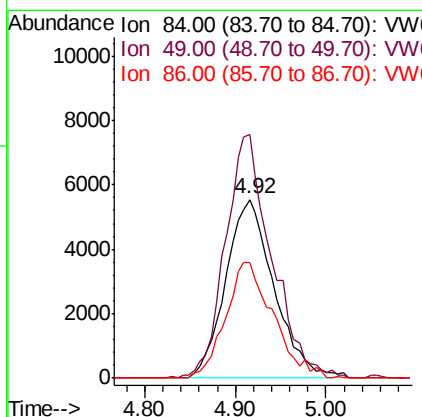
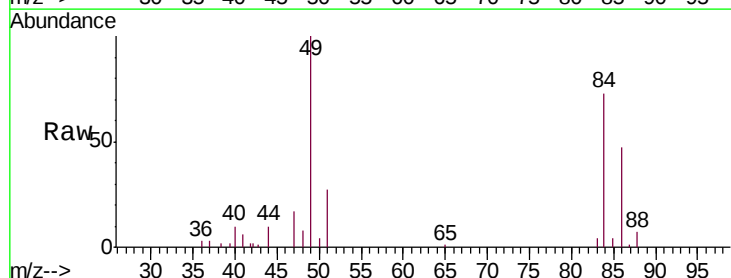
Instrument :
MSVOA_W
ClientSampled :
C0C41

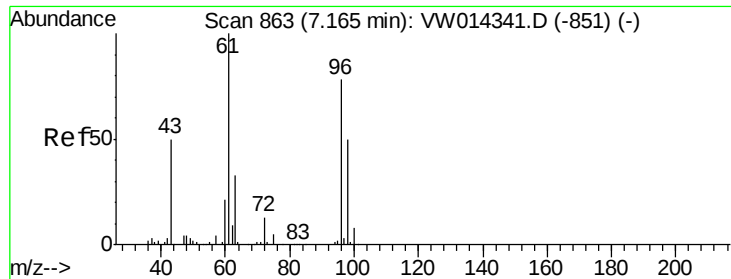
Tgt Ion: 43 Resp: 10154
Ion Ratio Lower Upper
43 100
58 34.2 0.0 65.4



#16
Methylene chloride
Concen: 1.697 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014348.D
Acq: 13 Dec 2019 14:37

Tgt Ion: 84 Resp: 20425
Ion Ratio Lower Upper
84 100
49 136.5 84.2 156.4
86 64.6 43.7 81.1





#21

2-Butanone

Concen: 7.891 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW014348.D

Acq: 13 Dec 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

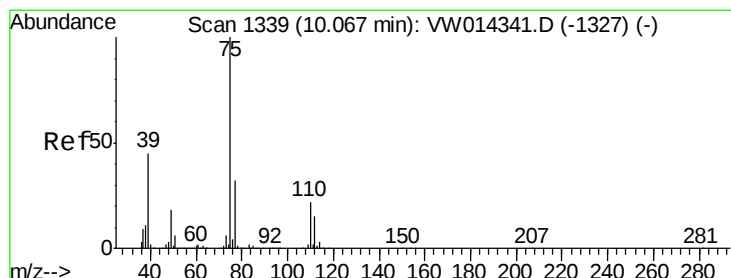
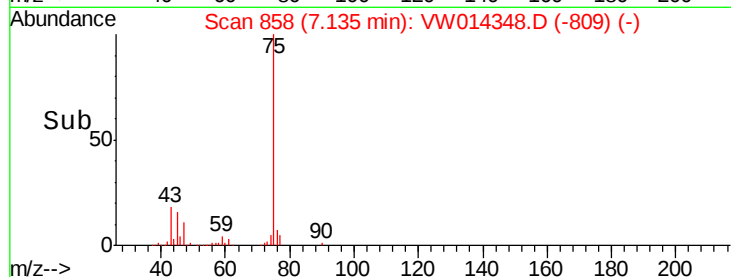
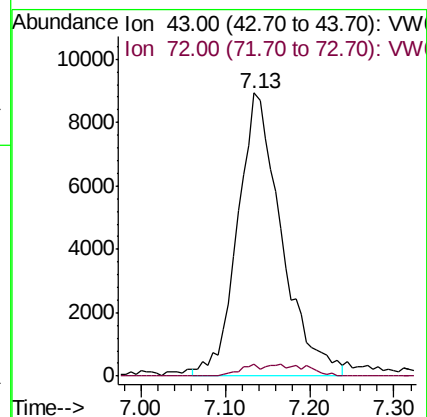
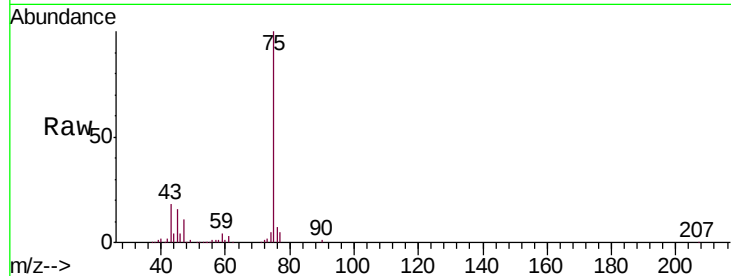
C0C41

Tgt Ion: 43 Resp: 31652

Ion Ratio Lower Upper

43 100

72 1.9 14.1 42.2#



#42

cis-1,3-Dichloropropene

Concen: 0.420 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014348.D

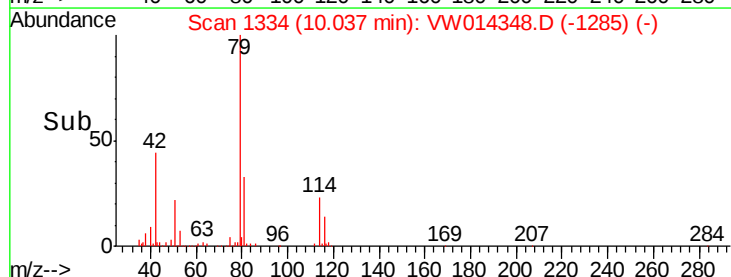
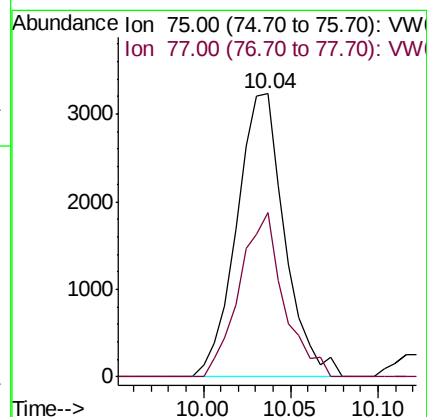
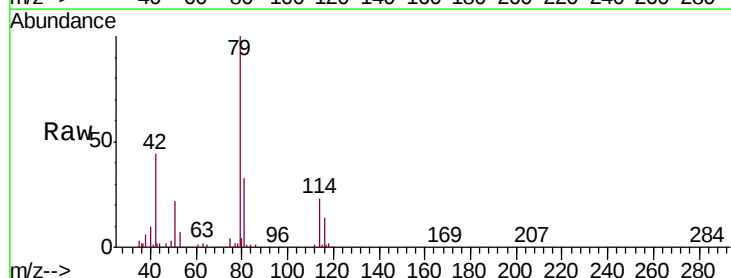
Acq: 13 Dec 2019 14:37

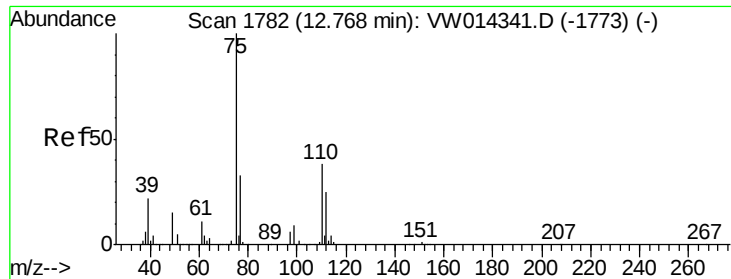
Tgt Ion: 75 Resp: 6209

Ion Ratio Lower Upper

75 100

77 58.2 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 3.138 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014348.D

Acq: 13 Dec 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

C0C41

Tgt Ion: 75 Resp: 21401

Ion Ratio Lower Upper

75 100

77 35.9 25.9 38.9

