

Data File : VW014272.D
Acq On : 09 Dec 2019 18:30
Operator : SY/VA
Sample : K6172-06RE
Misc : 4.72G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT2RE

Quant Time: Dec 10 07:37:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 07:34:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	868145	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	584771	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	336062	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.24%
7) Chloroethane-d5	2.89	69	270595	27.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.72%
10) 1,1-Dichloroethene-d2	4.01	63	426774	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.07	46	196845	57.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.92%
24) Chloroform-d	7.65	84	628565	28.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.76%
26) 1,2-Dichloroethane-d4	8.47	65	178	0.02	ug/L	0.17
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1257535	36.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	146.76%#
33) 1,2-Dichloropropane-d6	9.27	67	422646	40.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	160.32%#
37) Toluene-d8	10.32	98	932275	30.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.32%
38) trans-1,3-Dichloropropene-	10.58	79	88976	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	10.92	63	131117	62.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	313842	36.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	184728	38.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	153.88%#

Target Compounds

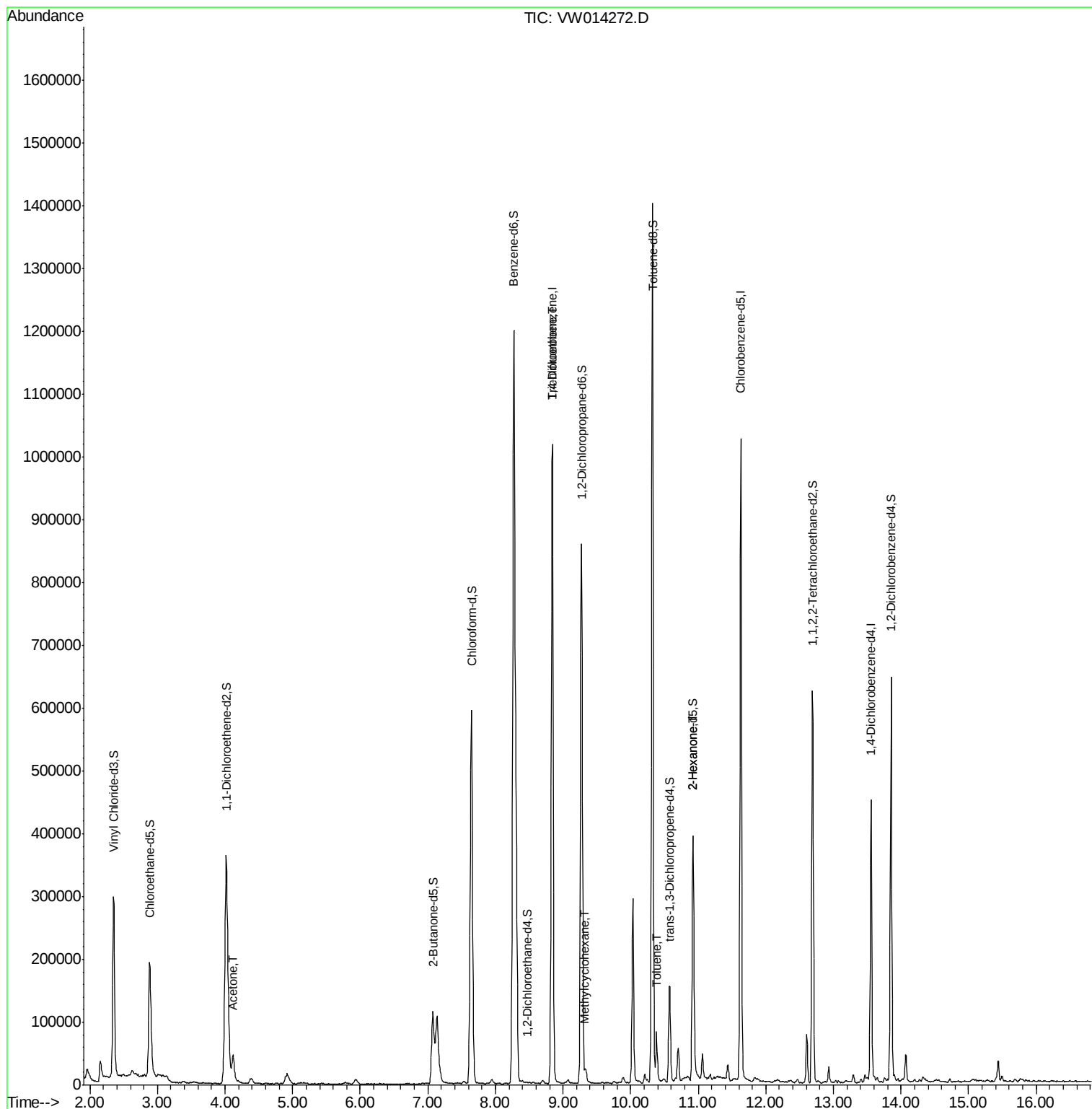
					Qvalue
13) Acetone	4.12	43	72775	22.033 ug/L	99
35) Trichloroethene	8.84	95	24396	2.575 ug/L #	2
36) Methylcyclohexane	9.33	83	7092	0.445 ug/L #	86
44) Toluene	10.38	91	57599	1.484 ug/L	99
49) 2-Hexanone	10.92	43	21420	4.797 ug/L #	62

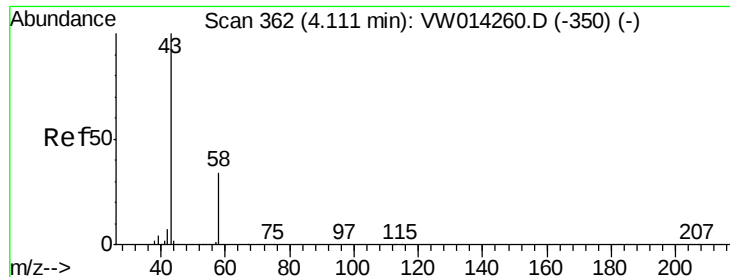
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.033 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

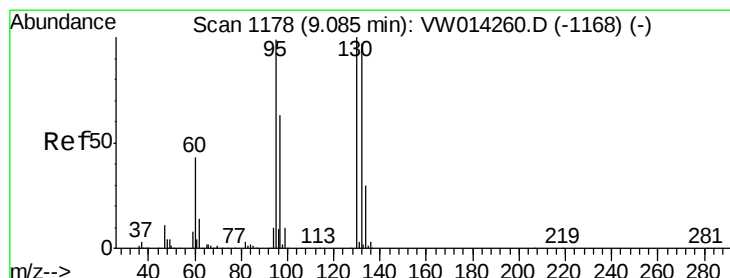
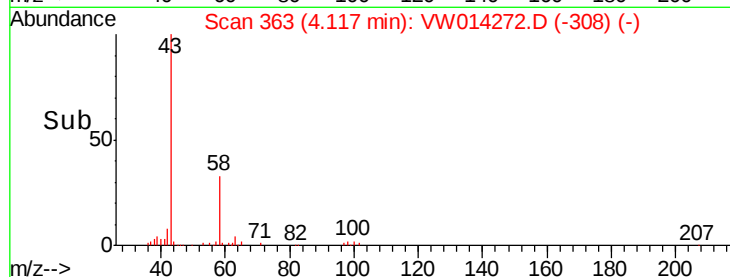
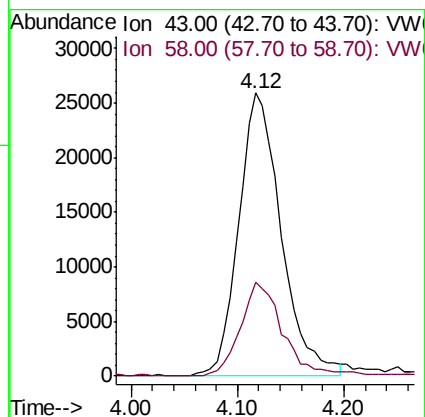
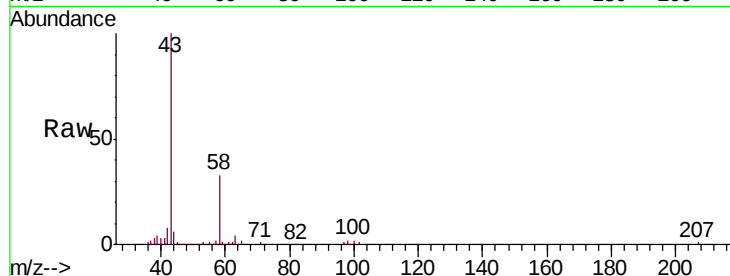
C0BT2RE

Tgt Ion: 43 Resp: 72775

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.4



#35

Trichloroethene

Concen: 2.575 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 24396

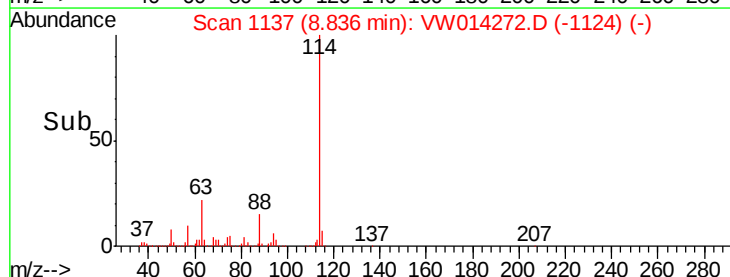
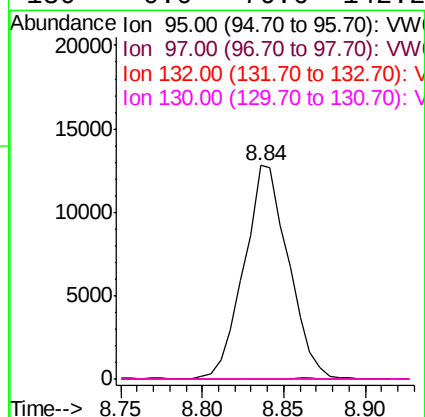
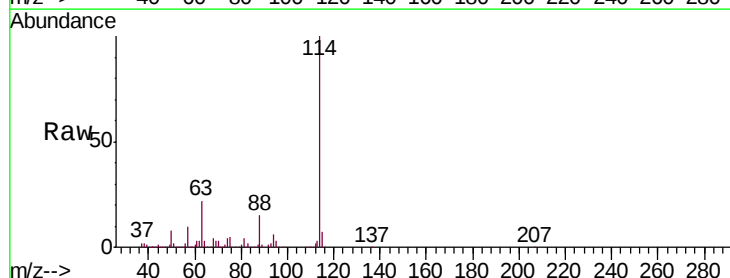
Ion Ratio Lower Upper

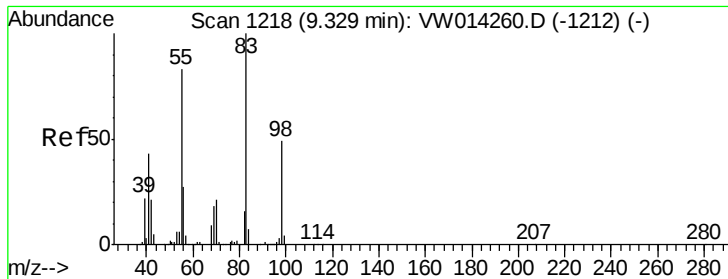
95 100

97 0.2 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

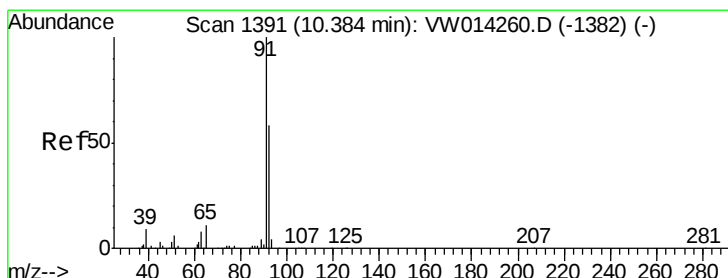
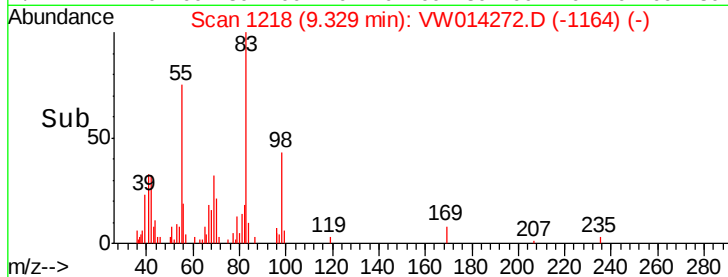
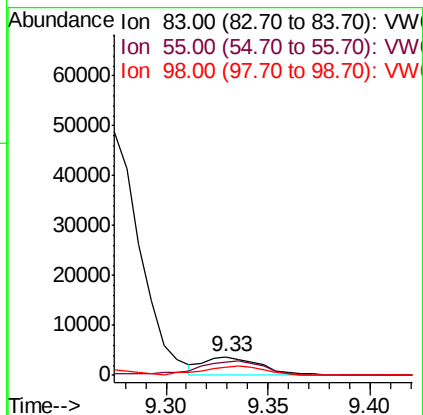
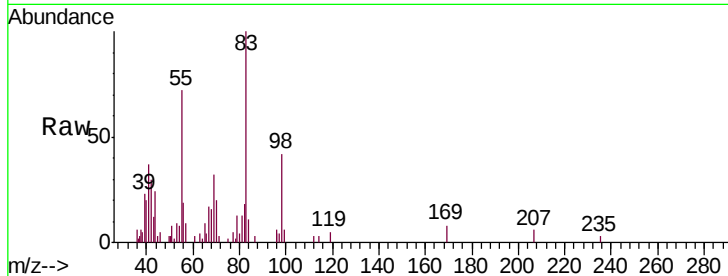




#36
Methylcyclohexane
Concen: 0.445 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
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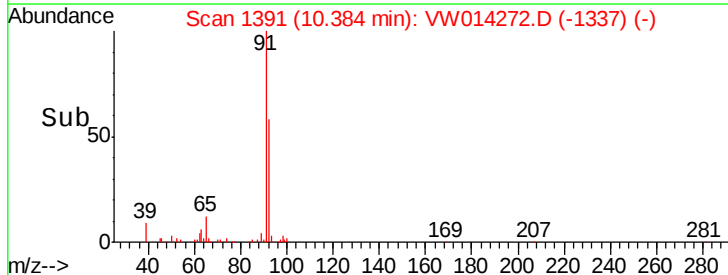
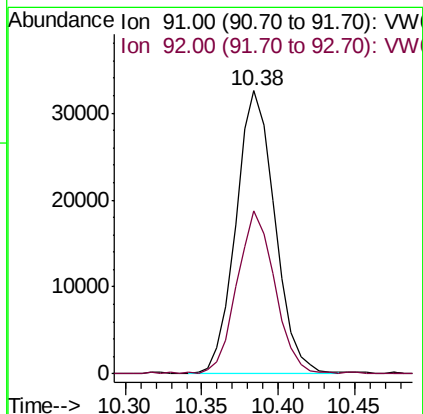
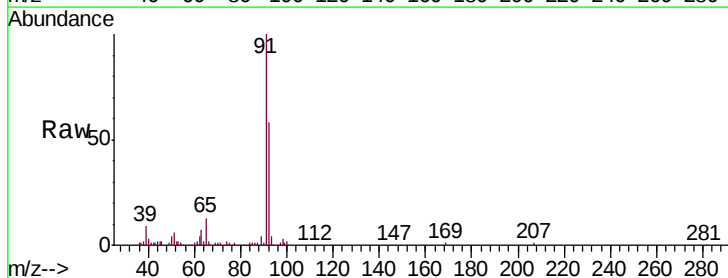
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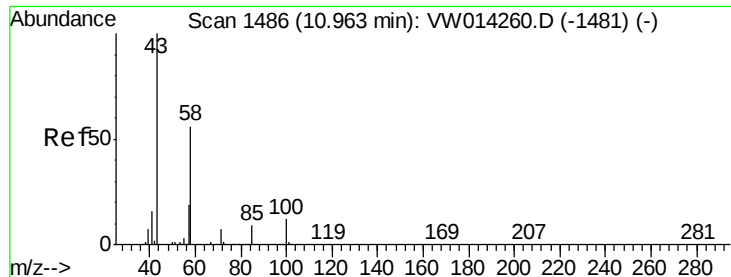
Tgt Ion: 83 Resp: 7092
Ion Ratio Lower Upper
83 100
55 91.3 59.8 89.8#
98 52.7 39.5 59.3



#44
Toluene
Concen: 1.484 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014272.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 91 Resp: 57599
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.7





#49

2-Hexanone

Concen: 4.797 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014272.D

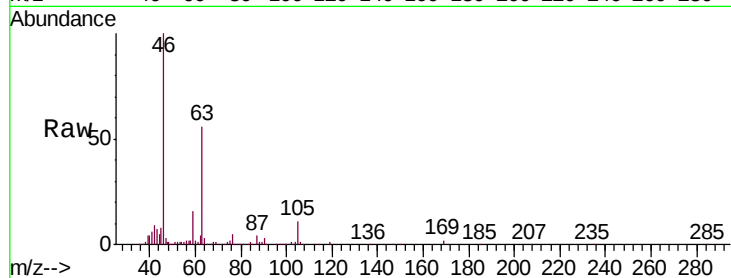
Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_W

ClientSampleId :

C0BT2RE



Tgt Ion:	43	Resp:	21420
Ion	Ratio	Lower	Upper
43	100		
58	19.4	44.4	66.6#
57	27.9	16.5	24.7#
100	4.2	11.1	16.7#

