

Data File : VW014399.D
Acq On : 17 Dec 2019 18:08
Operator : SY/VA
Sample : K6277-17RE
Misc : 3.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C58RE

Quant Time: Dec 18 01:42:21 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	839614	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	613587	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	153939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	259671	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	228768	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.01	63	360391	16.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.20%
20) 2-Butanone-d5	7.07	46	113487	34.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.50%
24) Chloroform-d	7.65	84	567276	26.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.16%
26) 1,2-Dichloroethane-d4	8.30	65	281264	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	8.27	84	1097765	30.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.12%
33) 1,2-Dichloropropane-d6	9.27	67	367785	33.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.96%#
37) Toluene-d8	10.32	98	847155	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.20%
38) trans-1,3-Dichloropropene-	10.57	79	89191	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.88%
39) 2-Hexanone-d5	10.92	63	76693	34.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	225880	25.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	157743	26.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.28%

Target Compounds

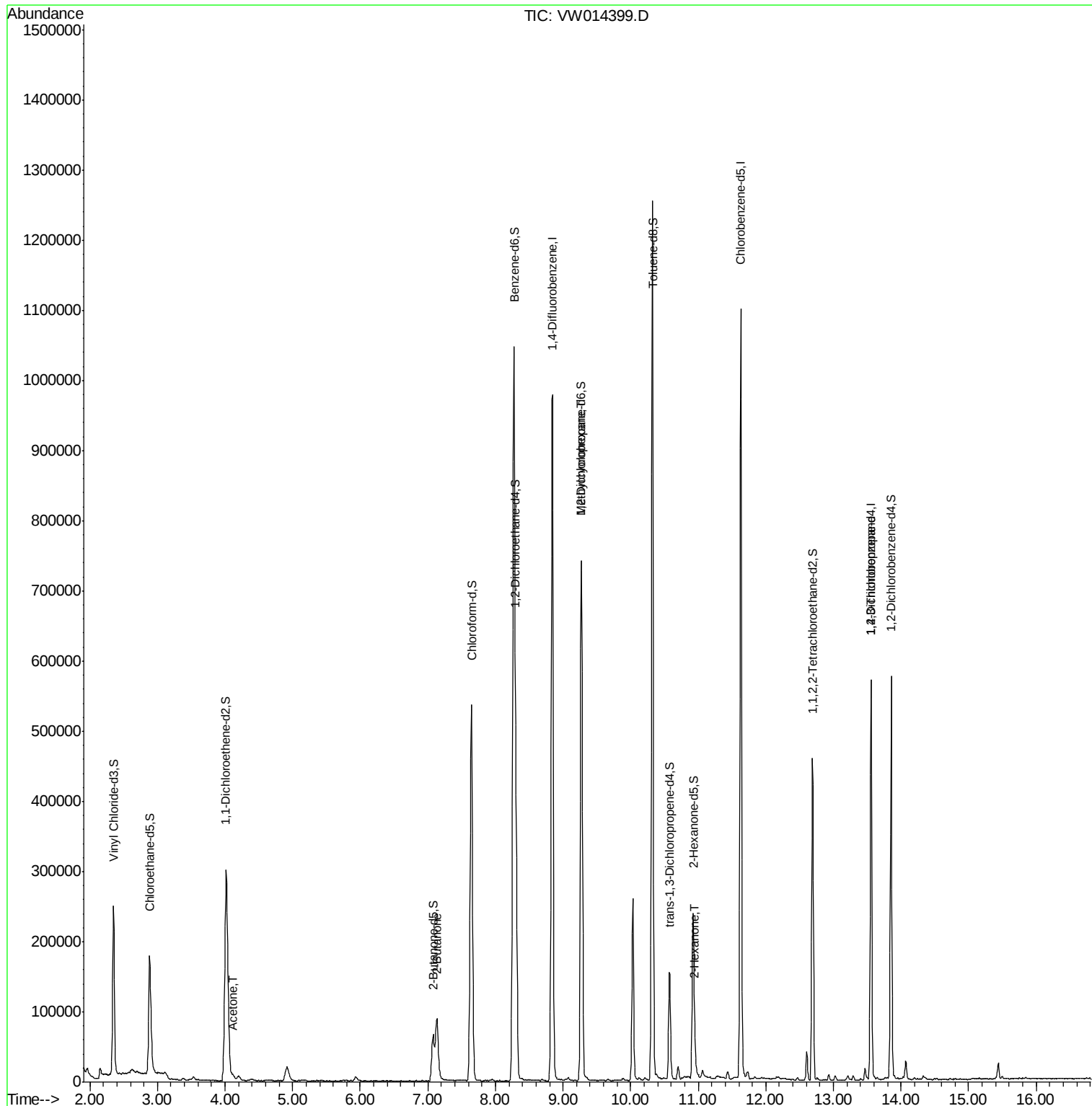
					Qvalue
13) Acetone	4.12	43	9264	2.900 ug/L	96
21) 2-Butanone	7.14	43	26697	6.225 ug/L #	52
36) Methylcyclohexane	9.27	83	87354	5.230 ug/L #	20
49) 2-Hexanone	10.95	43	27742	5.921 ug/L #	39
59) 1,2,3-Trichloropropane	13.55	75	18321	2.656 ug/L	90

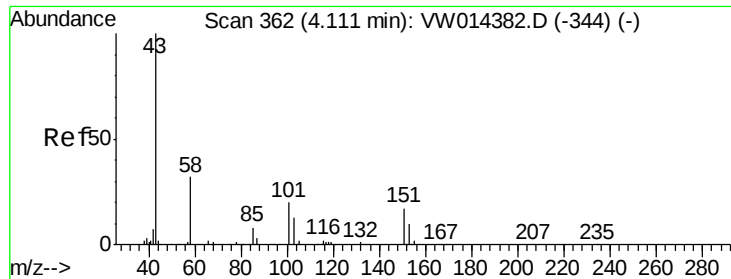
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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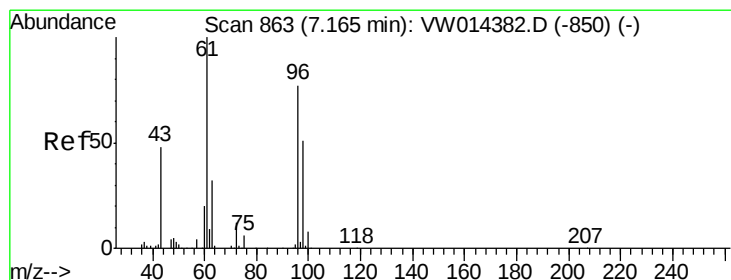
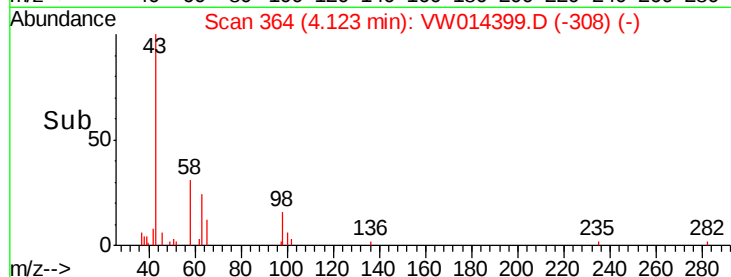
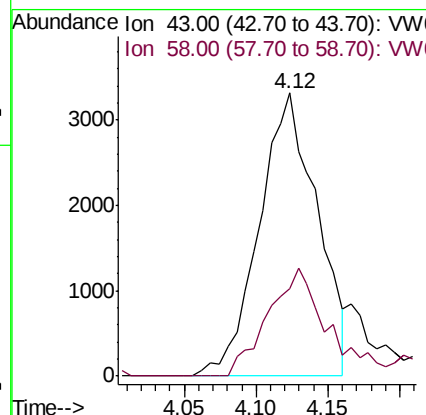
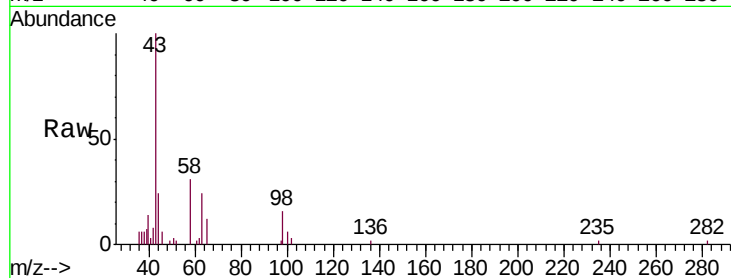




#13
Acetone
Concen: 2.900 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014399.D
Acq: 17 Dec 2019 18:08

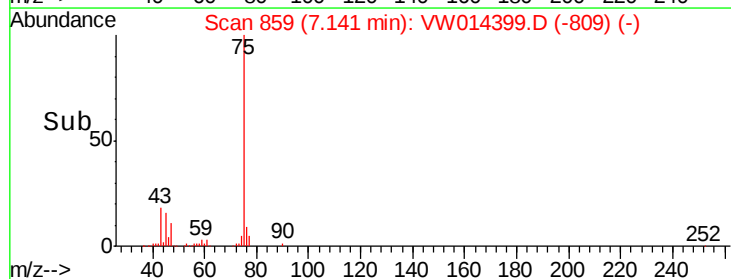
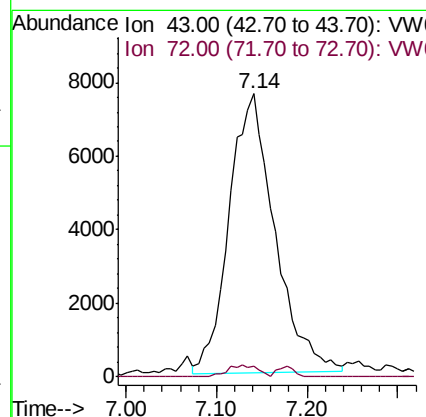
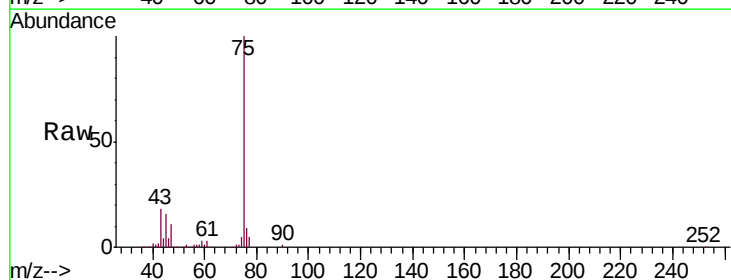
Instrument :
MSVOA_W
ClientSampleId :
C0C58RE

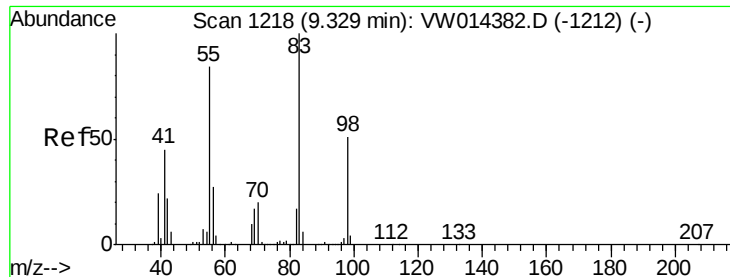
Tgt Ion: 43 Resp: 9264
Ion Ratio Lower Upper
43 100
58 34.7 0.0 65.4



#21
2-Butanone
Concen: 6.225 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW014399.D
Acq: 17 Dec 2019 18:08

Tgt Ion: 43 Resp: 26697
Ion Ratio Lower Upper
43 100
72 2.8 14.1 42.2#

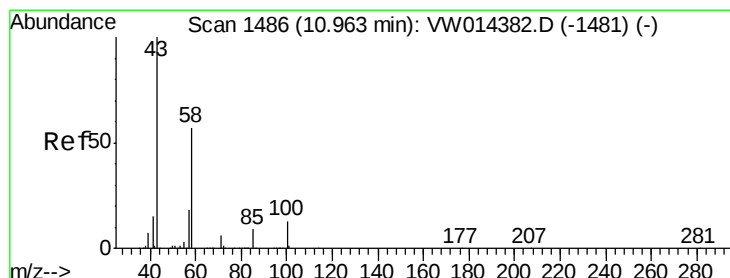
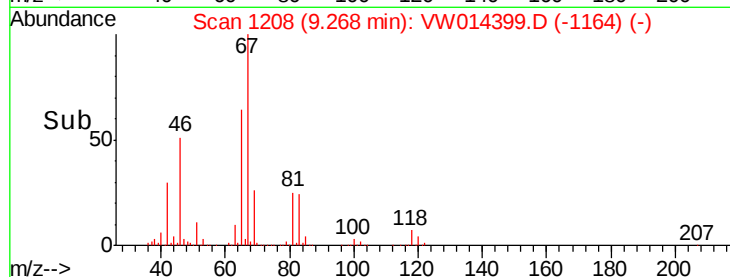
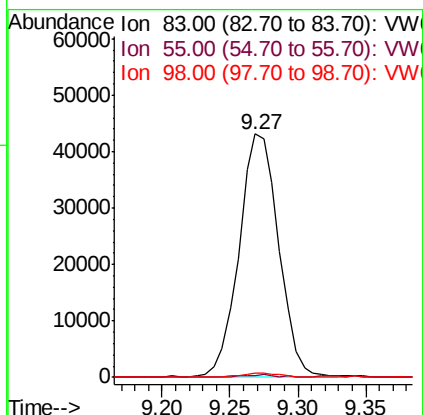
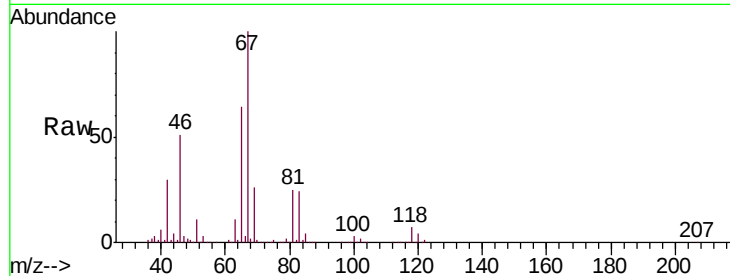




#36
Methylcyclohexane
Concen: 5.230 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW014399.D
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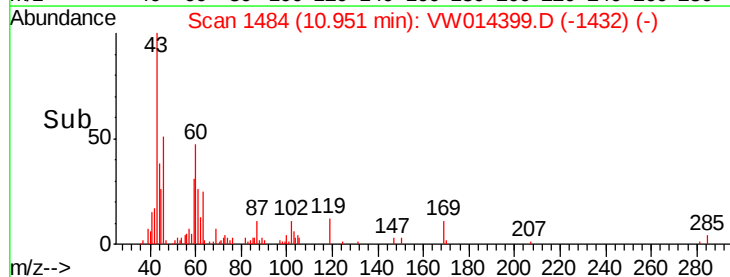
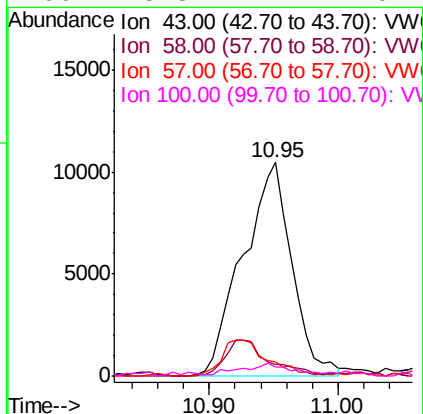
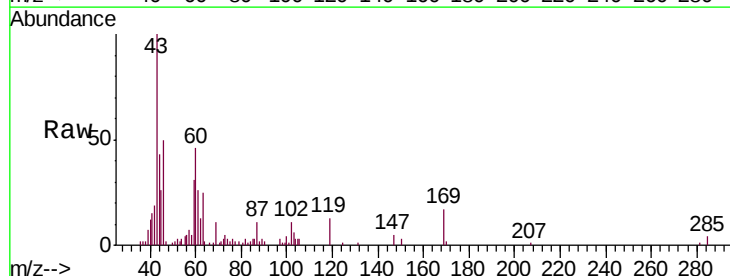
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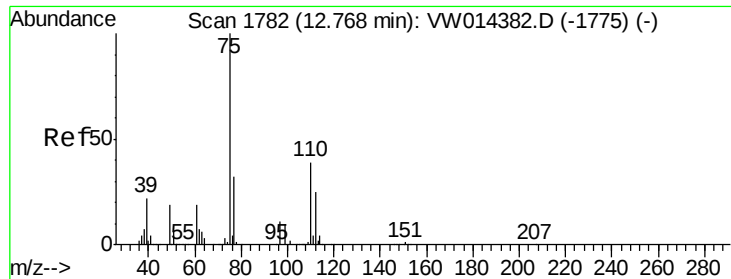
Tgt Ion: 83 Resp: 87354
Ion Ratio Lower Upper
83 100
55 0.3 59.8 89.8#
98 1.7 39.5 59.3#



#49
2-Hexanone
Concen: 5.921 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.01 min
Lab File: VW014399.D
Acq: 17 Dec 2019 18:08

Tgt Ion: 43 Resp: 27742
Ion Ratio Lower Upper
43 100
58 0.0 44.4 66.6#
57 0.0 16.5 24.7#
100 3.3 11.1 16.7#





#59
 1,2,3-Trichloropropane
 Concen: 2.656 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW014399.D
 Acq: 17 Dec 2019 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C58RE

Tgt Ion: 75 Resp: 18321
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.9 38.9

