

Data File : VW013550.D
Acq On : 11 Oct 2019 20:32
Operator : SY/VA
Sample : K5262-19
Misc : 3.55G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB80

Quant Time: Oct 11 22:36:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 22:30:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	300810	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	196232	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48943	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	66091	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.80%
7) Chloroethane-d5	2.89	69	65566	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.24%
10) 1,1-Dichloroethene-d2	4.02	63	109319	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	7.08	46	24509	23.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.26%
24) Chloroform-d	7.65	84	173074	26.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.96%
26) 1,2-Dichloroethane-d4	8.31	65	91131	26.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.68%
29) Benzene-d6	8.27	84	342061	32.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.16%
33) 1,2-Dichloropropane-d6	9.27	67	110037	35.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.12%#
37) Toluene-d8	10.32	98	260677	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.52%
38) trans-1,3-Dichloropropene-	10.57	79	28579	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	10.93	63	21311	34.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66378	26.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	41527	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

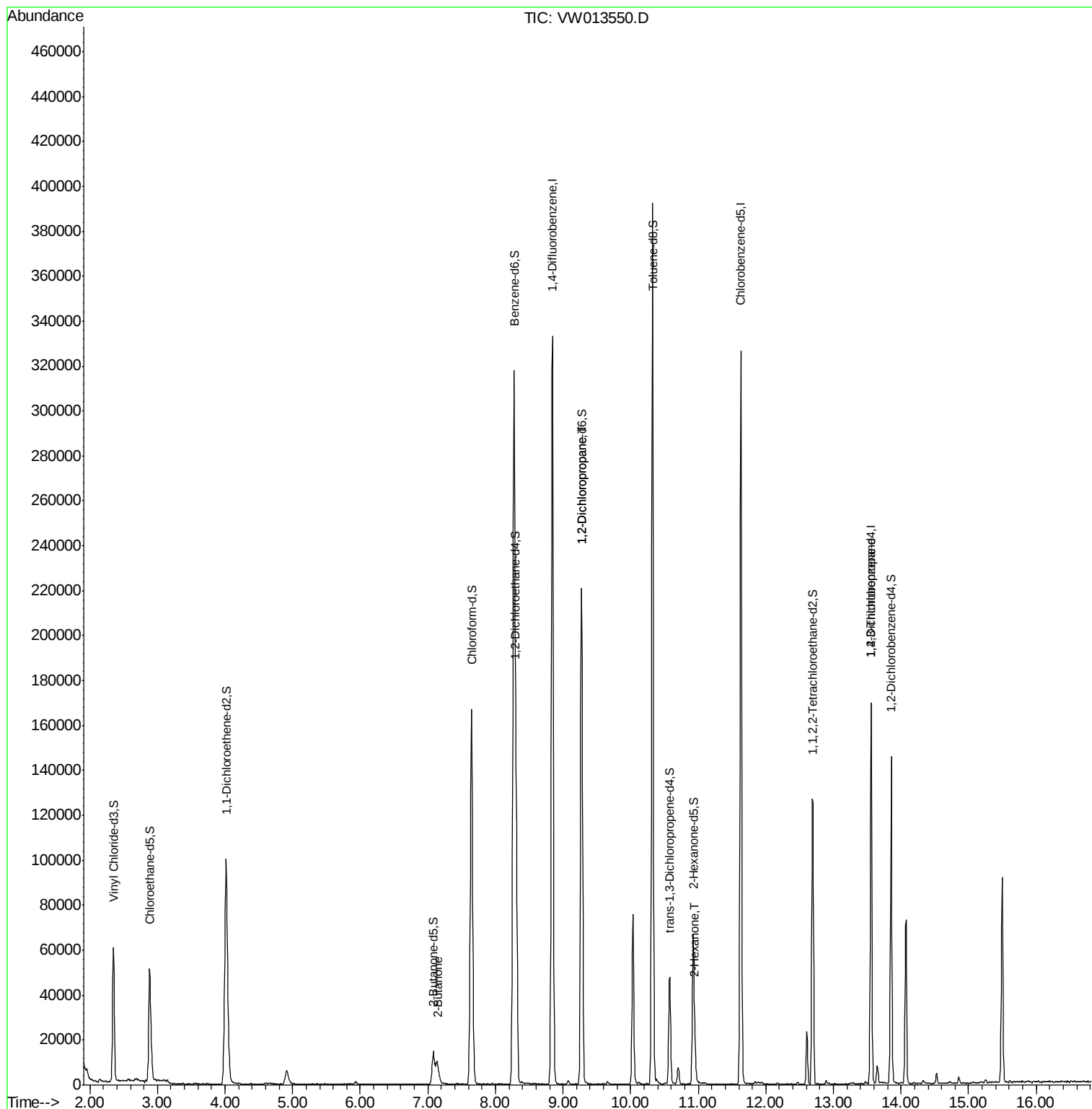
Target Compounds					Qvalue
21) 2-Butanone	7.15	43	10185	6.985 ug/L #	48
40) 1,2-Dichloropropane	9.27	63	11950	4.184 ug/L #	85
49) 2-Hexanone	10.95	43	9944	6.866 ug/L #	41
59) 1,2,3-Trichloropropane	13.55	75	5171	2.704 ug/L	92

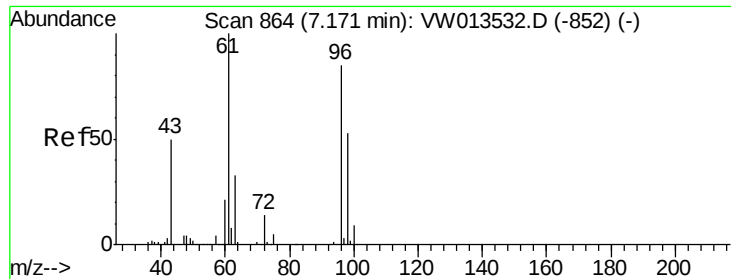
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 6.985 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

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Acq: 11 Oct 2019 20:32

Instrument :

MSVOA_W

ClientSampled :

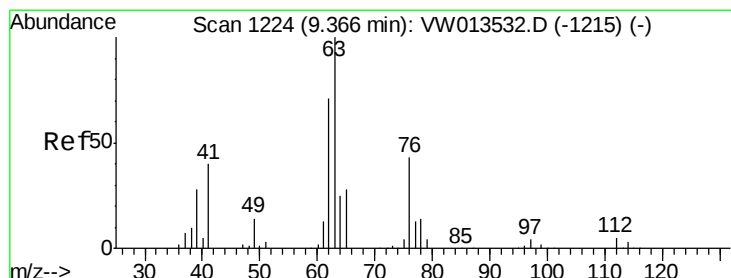
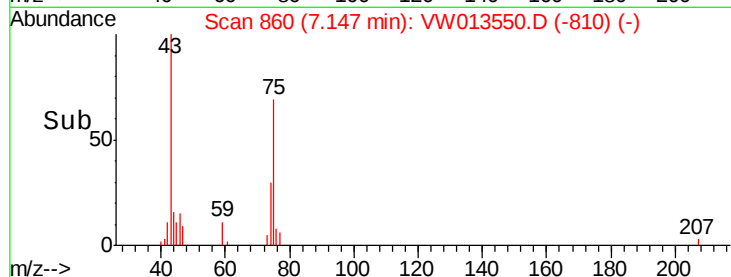
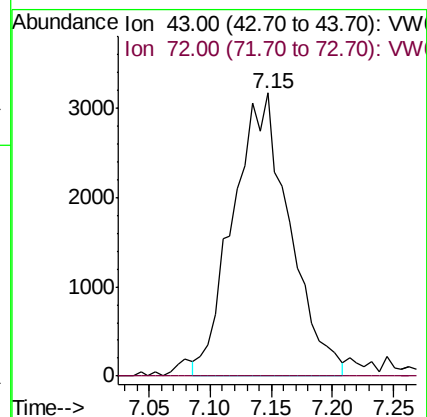
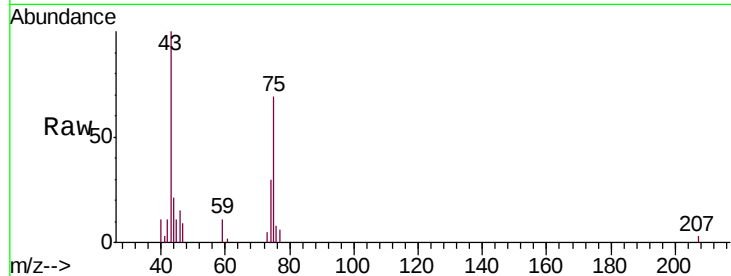
BFB80

Tgt Ion: 43 Resp: 10185

Ion Ratio Lower Upper

43 100

72 0.0 13.5 40.4#



#40

1,2-Dichloropropane

Concen: 4.184 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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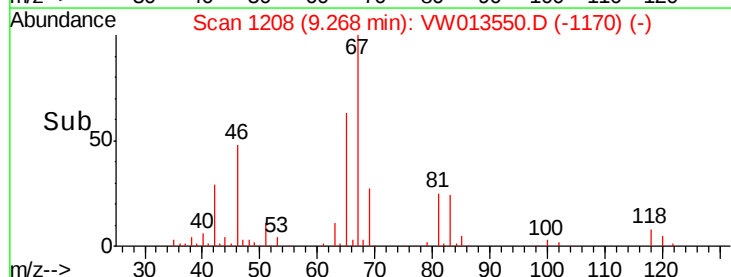
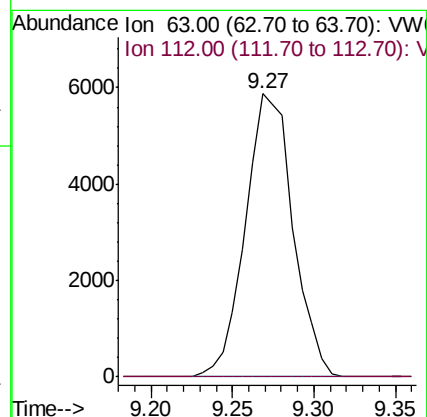
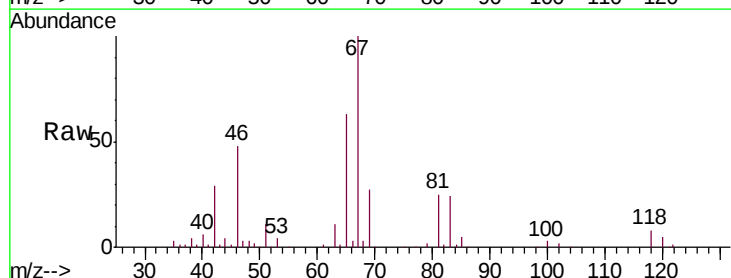
Acq: 11 Oct 2019 20:32

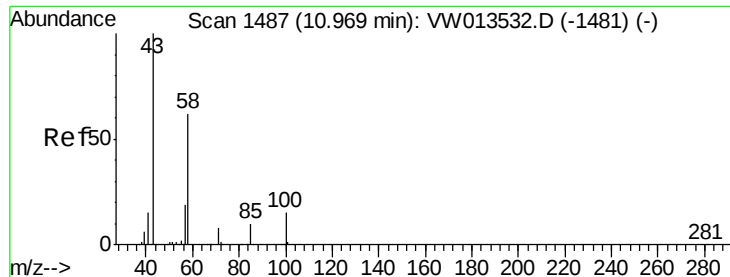
Tgt Ion: 63 Resp: 11950

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

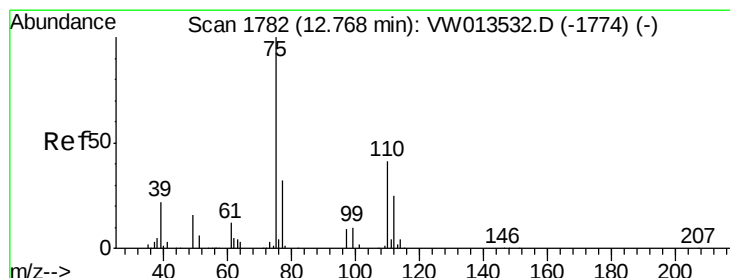
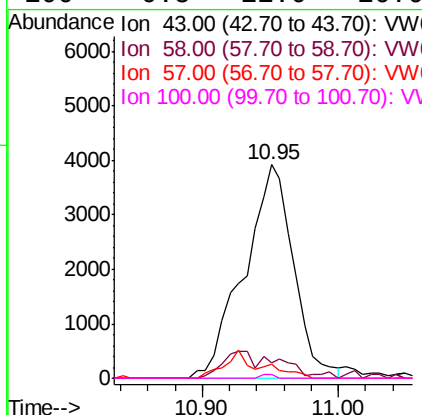
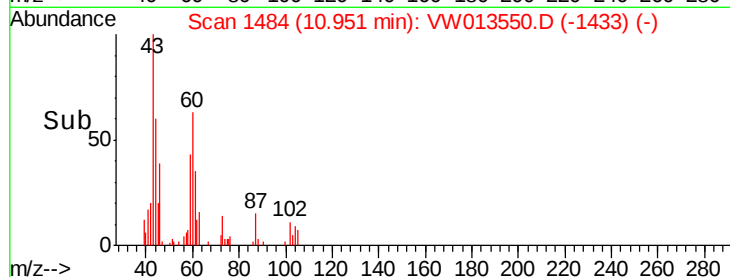
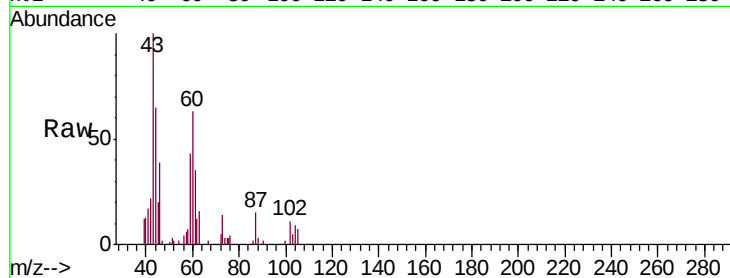




#49
2-Hexanone
Concen: 6.866 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
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Tgt Ion: 43 Resp: 9944
Ion Ratio Lower Upper
43 100
58 2.5 45.2 67.8#
57 3.3 15.8 23.8#
100 0.5 11.0 16.6#



#59
1,2,3-Trichloropropane
Concen: 2.704 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW013550.D
Acq: 11 Oct 2019 20:32

Tgt Ion: 75 Resp: 5171
Ion Ratio Lower Upper
75 100
77 36.6 25.5 38.3

