

Data File : VW011577.D
Acq On : 30 Jul 2019 15:53
Operator : SY/VA
Sample : K4070-11
Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB9E3

Quant Time: Jul 31 03:02:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 02:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	392641	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349330	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159580	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124779	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	2.89	69	92781	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.02	63	214671	16.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.76%
20) 2-Butanone-d5	7.07	46	98100	39.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.80%
24) Chloroform-d	7.65	84	244051	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	8.31	65	147419	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.40%
29) Benzene-d6	8.27	84	510862	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.27	67	166285	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.80%
37) Toluene-d8	10.32	98	445940	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.48%
38) trans-1,3-Dichloropropene-	10.58	79	66366	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.40%
39) 2-Hexanone-d5	10.93	63	65026	39.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124489	21.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	145381	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

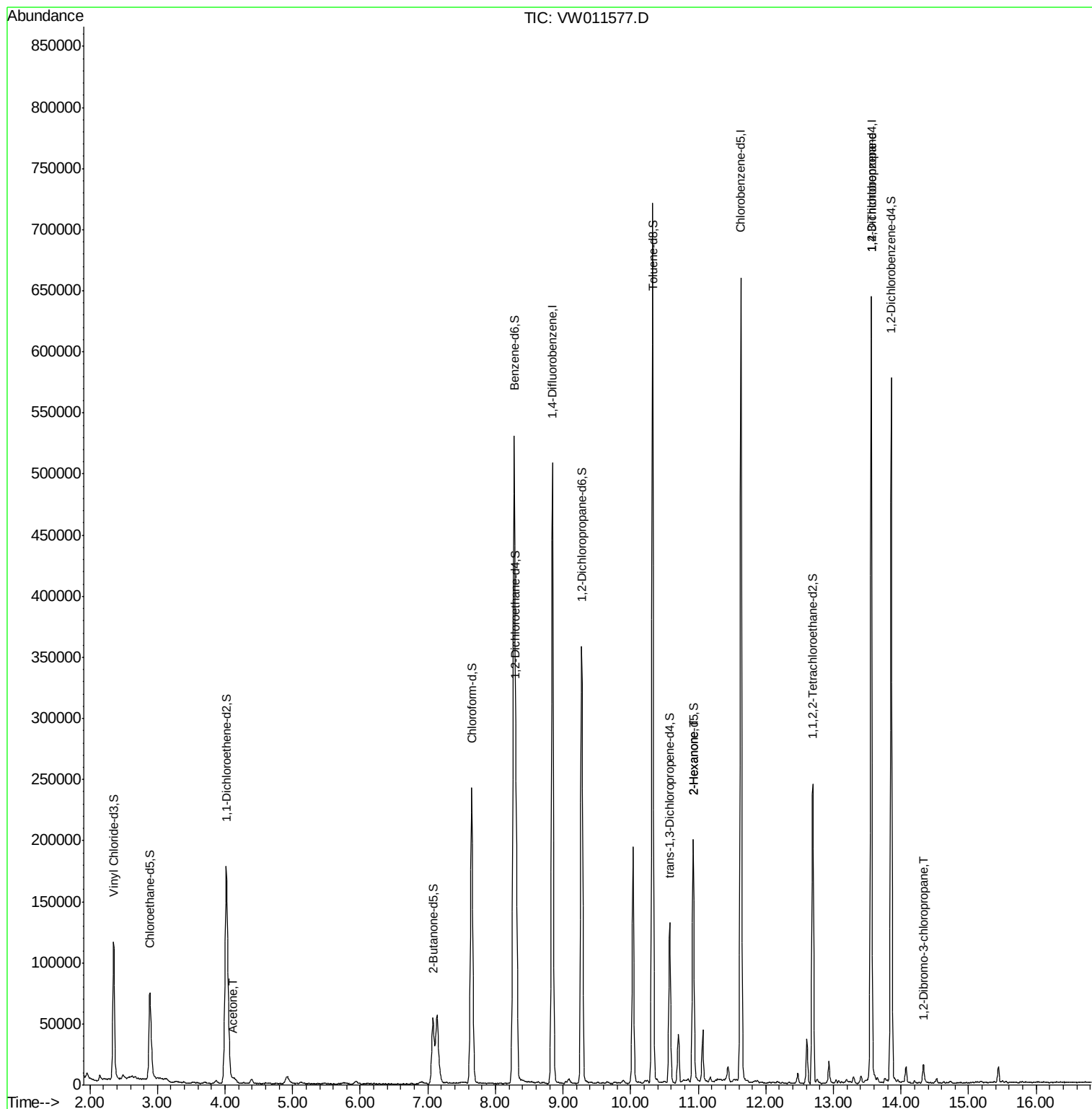
Target Compounds					Qvalue
13) Acetone	4.12	43	5342	2.004 ug/L	81
49) 2-Hexanone	10.93	43	9035	1.981 ug/L #	48
59) 1,2,3-Trichloropropane	13.55	75	21700	4.752 ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.33	75	1017	1.002 ug/L #	5

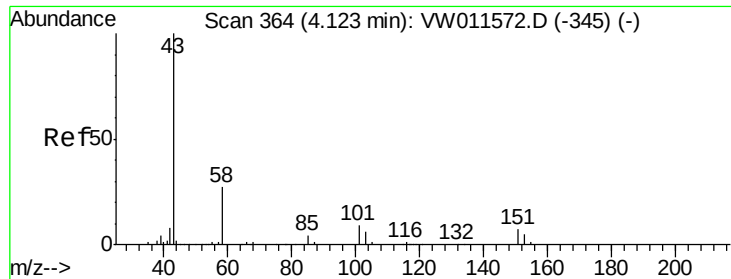
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.004 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

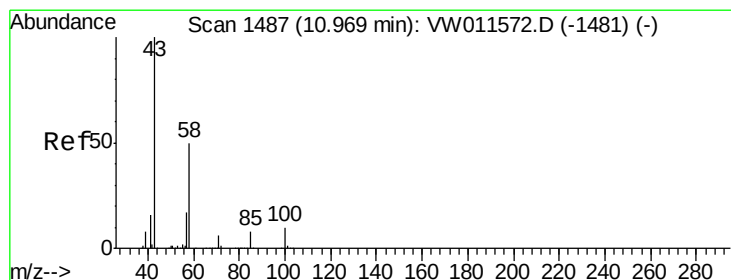
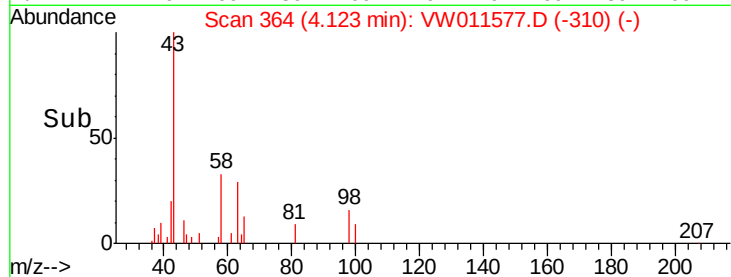
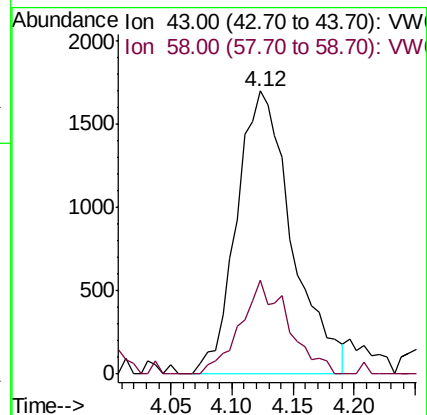
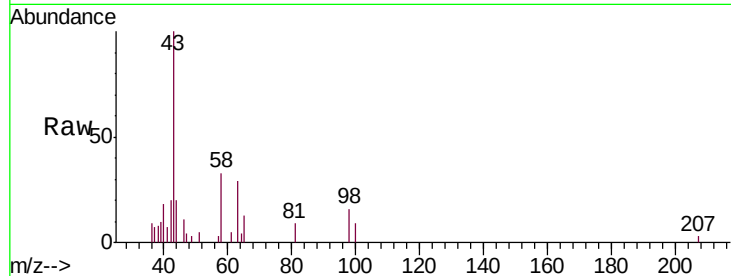
DB9E3

Tgt Ion: 43 Resp: 5342

Ion Ratio Lower Upper

43 100

58 16.7 0.0 53.4



#49

2-Hexanone

Concen: 1.981 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011577.D

Acq: 30 Jul 2019 15:53

Tgt Ion: 43 Resp: 9035

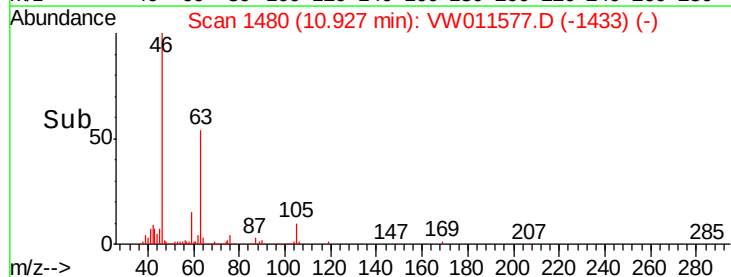
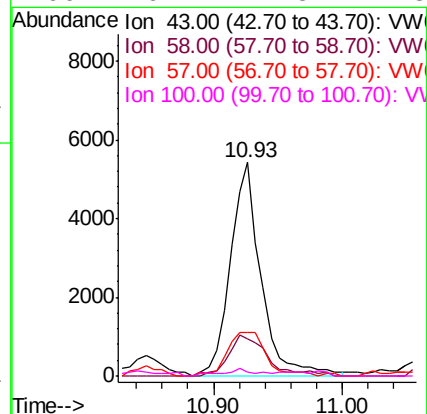
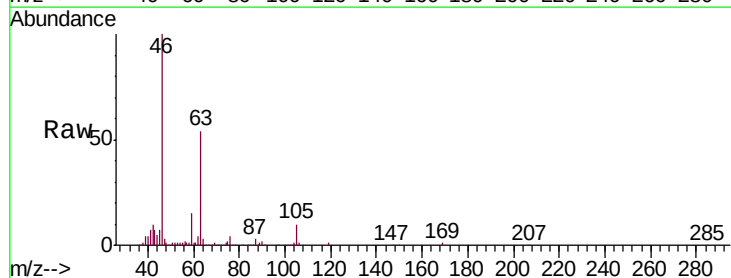
Ion Ratio Lower Upper

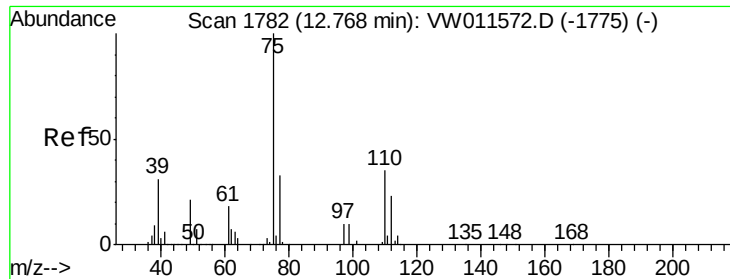
43 100

58 0.0 38.6 57.8#

57 21.4 13.0 19.6#

100 0.7 7.5 11.3#

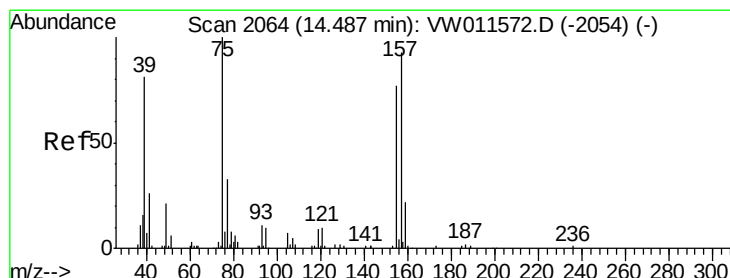
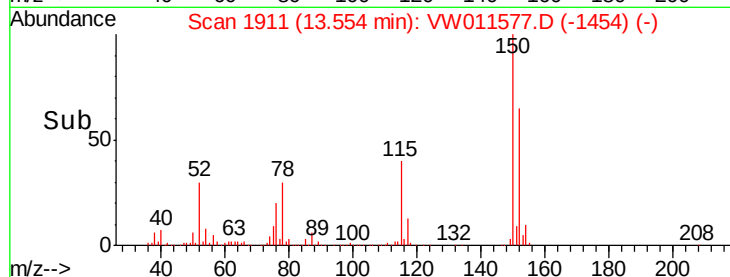
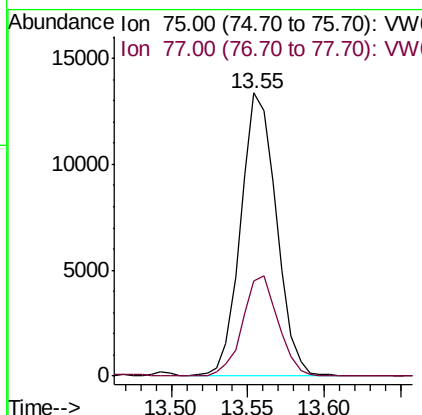
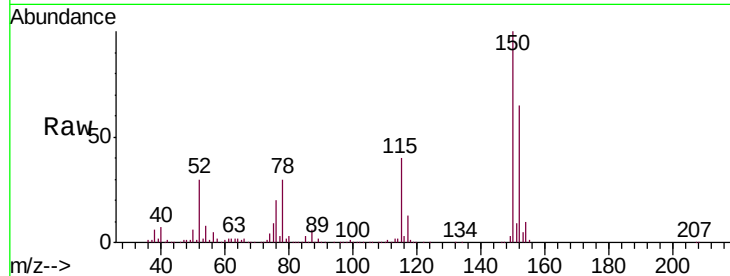




#59
 1,2,3-Trichloropropane
 Concen: 4.752 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
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Instrument :
 MSVOA_W
 ClientSampled :
 DB9E3

Tgt Ion: 75 Resp: 21700
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.1 37.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.002 ug/L
 RT: 14.33 min Scan# 2039
 Delta R.T. -0.15 min
 Lab File: VW011577.D
 Acq: 30 Jul 2019 15:53

Tgt Ion: 75 Resp: 1017
 Ion Ratio Lower Upper
 75 100
 157 0.0 79.3 118.9#
 155 0.0 59.9 89.9#

