

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082318\
 Data File : VW004933.D
 Acq On : 24 Aug 2018 13:52
 Operator : SY/AP
 Sample : J4628-09
 Misc : 6.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3F4

Quant Time: Aug 24 23:10:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 08:18:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	633904	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	664729	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	282458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	256720	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	196612	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
10) 1,1-Dichloroethene-d2	4.03	63	266104	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.56%
20) 2-Butanone-d5	7.09	46	114993	47.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.32%
24) Chloroform-d	7.66	84	337907	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.32	65	193795	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.36%
29) Benzene-d6	8.29	84	733363	21.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.80%
33) 1,2-Dichloropropane-d6	9.28	67	223308	22.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.92%
37) Toluene-d8	10.33	98	763652	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	10.59	79	91745	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	10.93	63	111168	44.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.32%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	222092	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	13.87	152	271933	23.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.88%

Target Compounds

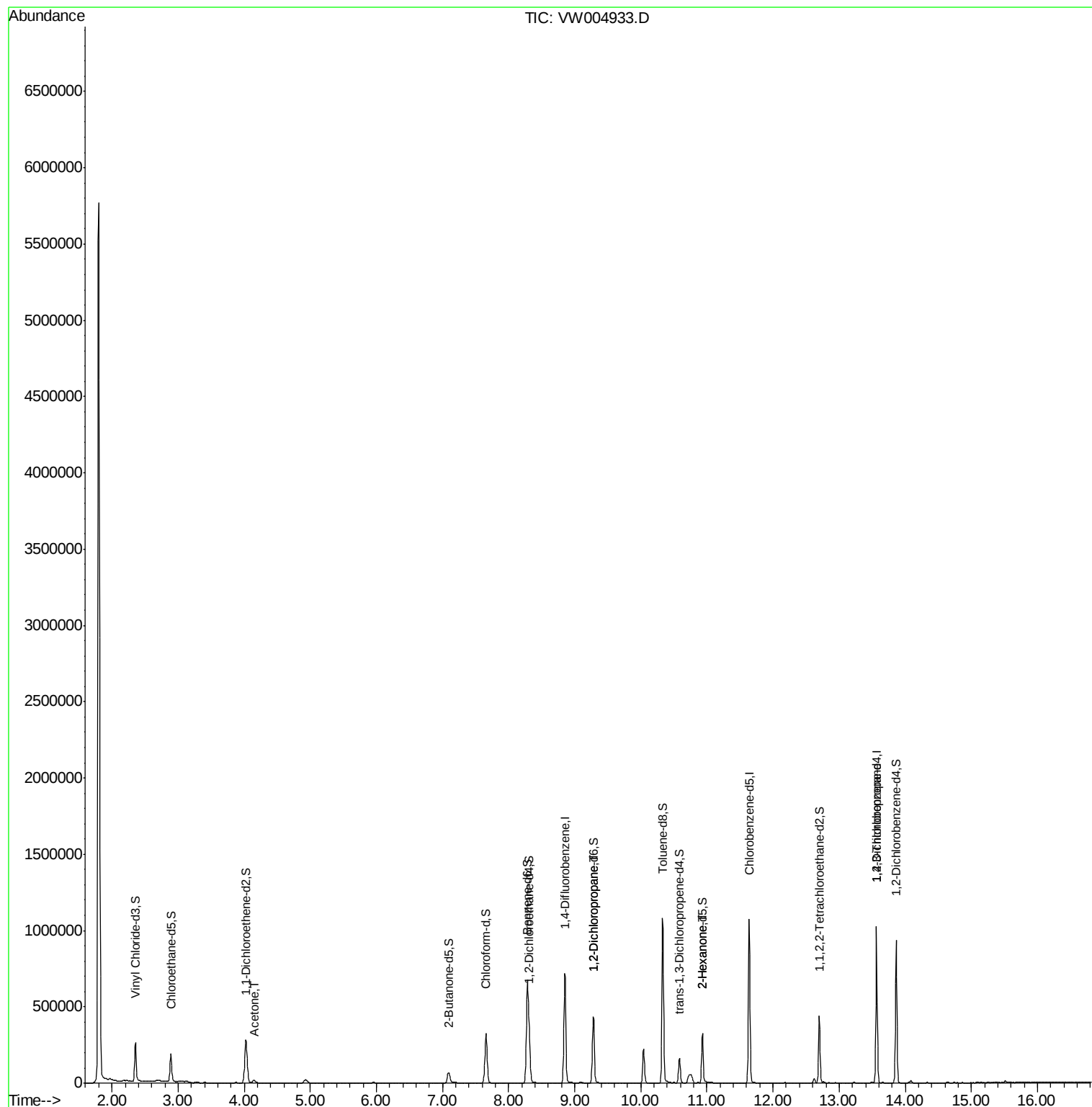
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.15	43	25736	13.626	ug/L	76
40) 1,2-Dichloropropane	9.28	63	22846	2.450	ug/L #	92
49) 2-Hexanone	10.93	43	13350	2.510	ug/L #	68
59) 1,2,3-Trichloropropane	13.57	75	30634	3.833	ug/L	91

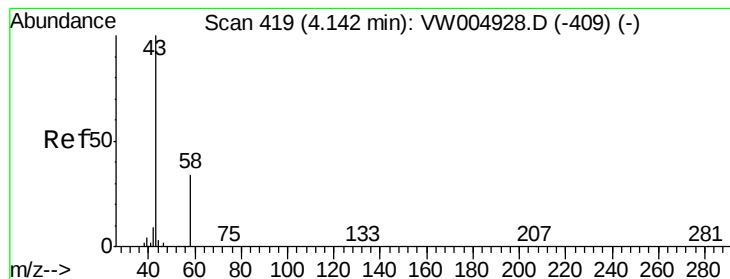
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.626 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004933.D

Acq: 24 Aug 2018 13:52

Instrument :

MSVOA_W

ClientSampled :

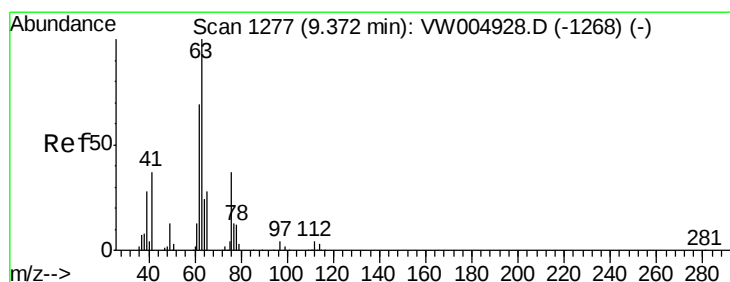
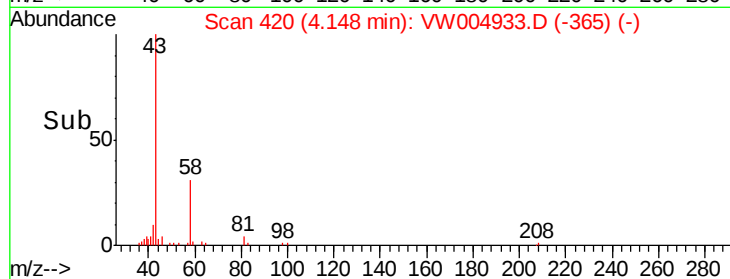
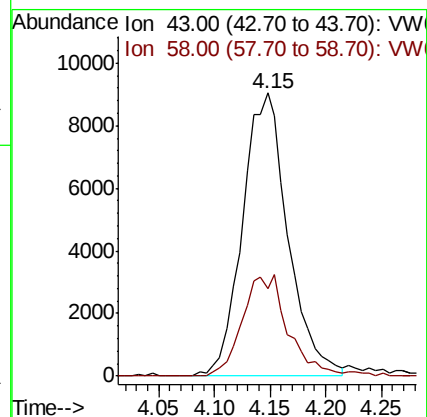
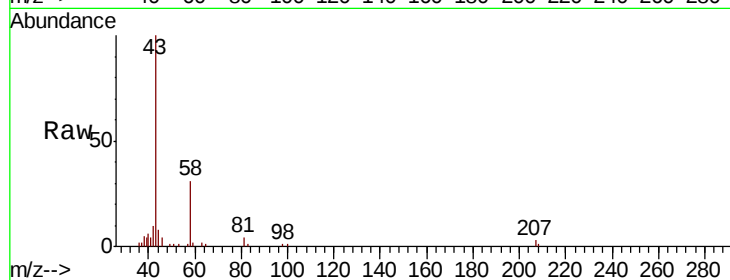
DB3F4

Tgt Ion: 43 Resp: 25736

Ion Ratio Lower Upper

43 100

58 20.7 0.0 69.4



#40

1,2-Dichloropropane

Concen: 2.450 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

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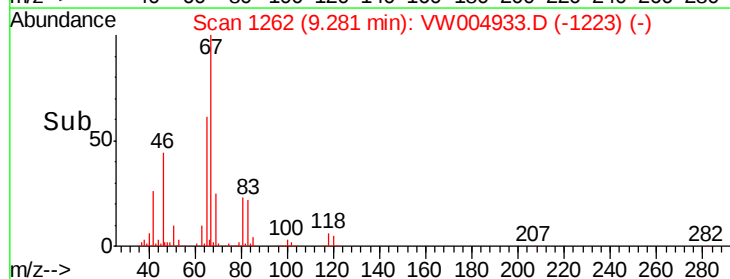
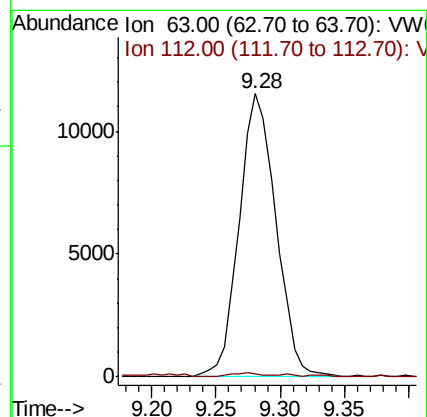
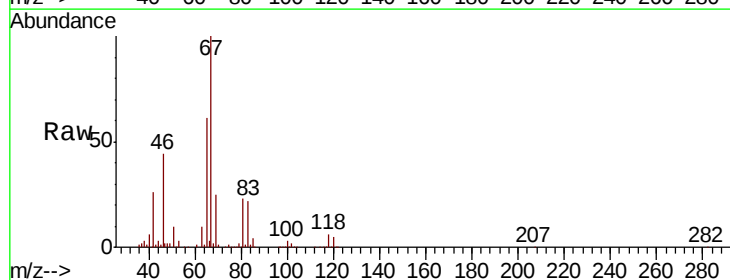
Acq: 24 Aug 2018 13:52

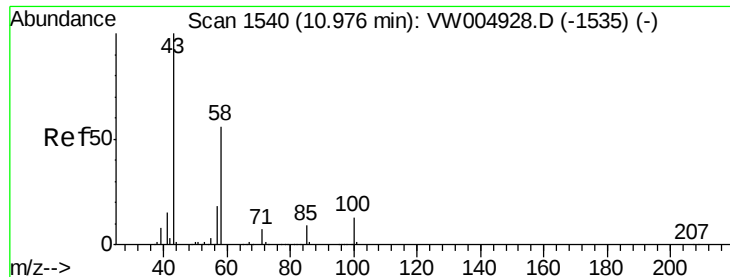
Tgt Ion: 63 Resp: 22846

Ion Ratio Lower Upper

63 100

112 1.4 3.2 4.8#





#49

2-Hexanone

Concen: 2.510 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.05 min

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Acq: 24 Aug 2018 13:52

Instrument :

MSVOA_W

ClientSampleId :

DB3F4

Tgt Ion: 43 Resp: 13350

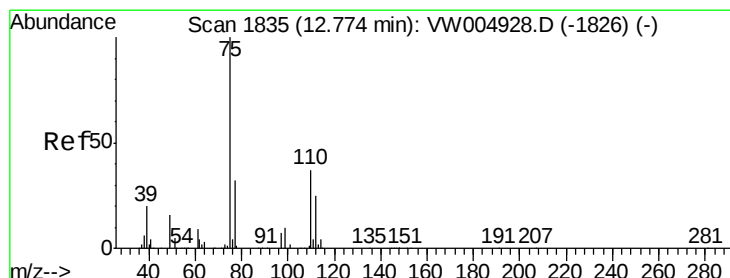
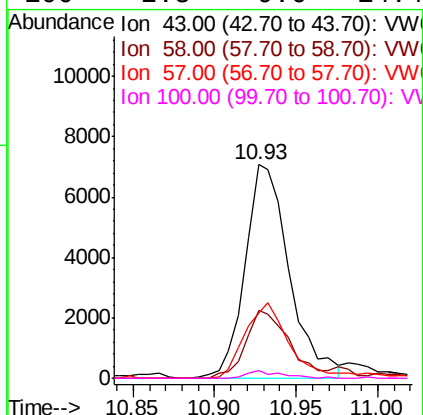
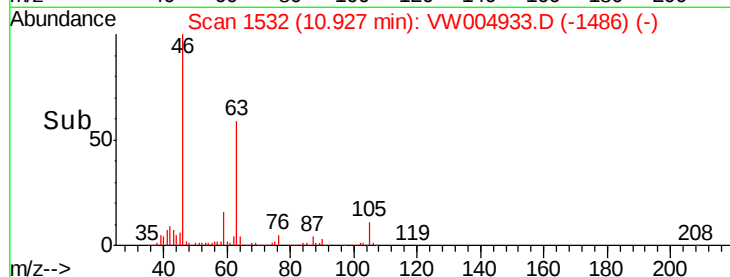
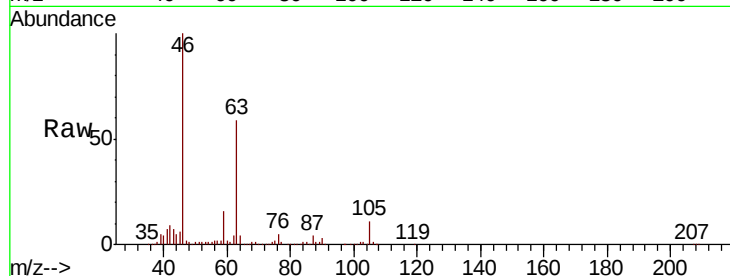
Ion Ratio Lower Upper

43 100

58 31.3 44.6 67.0#

57 34.6 15.4 23.2#

100 2.8 9.6 14.4#



#59

1,2,3-Trichloropropane

Concen: 3.833 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

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Acq: 24 Aug 2018 13:52

Tgt Ion: 75 Resp: 30634

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9

