

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004943.D
 Acq On : 24 Aug 2018 18:55
 Operator : SY/AP
 Sample : J4628-17
 Misc : 7.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3G2RE

Quant Time: Aug 25 01:34:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	57512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	57433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	22655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23530	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.60%
7) Chloroethane-d5	2.89	69	19627	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.40%
10) 1,1-Dichloroethene-d2	4.03	63	28859	20.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.16%
20) 2-Butanone-d5	7.09	46	12577	56.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.70%
24) Chloroform-d	7.66	84	29921	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.32	65	23663	34.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.44%#
29) Benzene-d6	8.29	84	78498	26.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.28%
33) 1,2-Dichloropropane-d6	9.28	67	26433	30.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.80%#
37) Toluene-d8	10.33	98	61893	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.12%
38) trans-1,3-Dichloropropene-	10.59	79	9547	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.24%
39) 2-Hexanone-d5	10.93	63	7404	34.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23534	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	22686	24.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.72%

Target Compounds

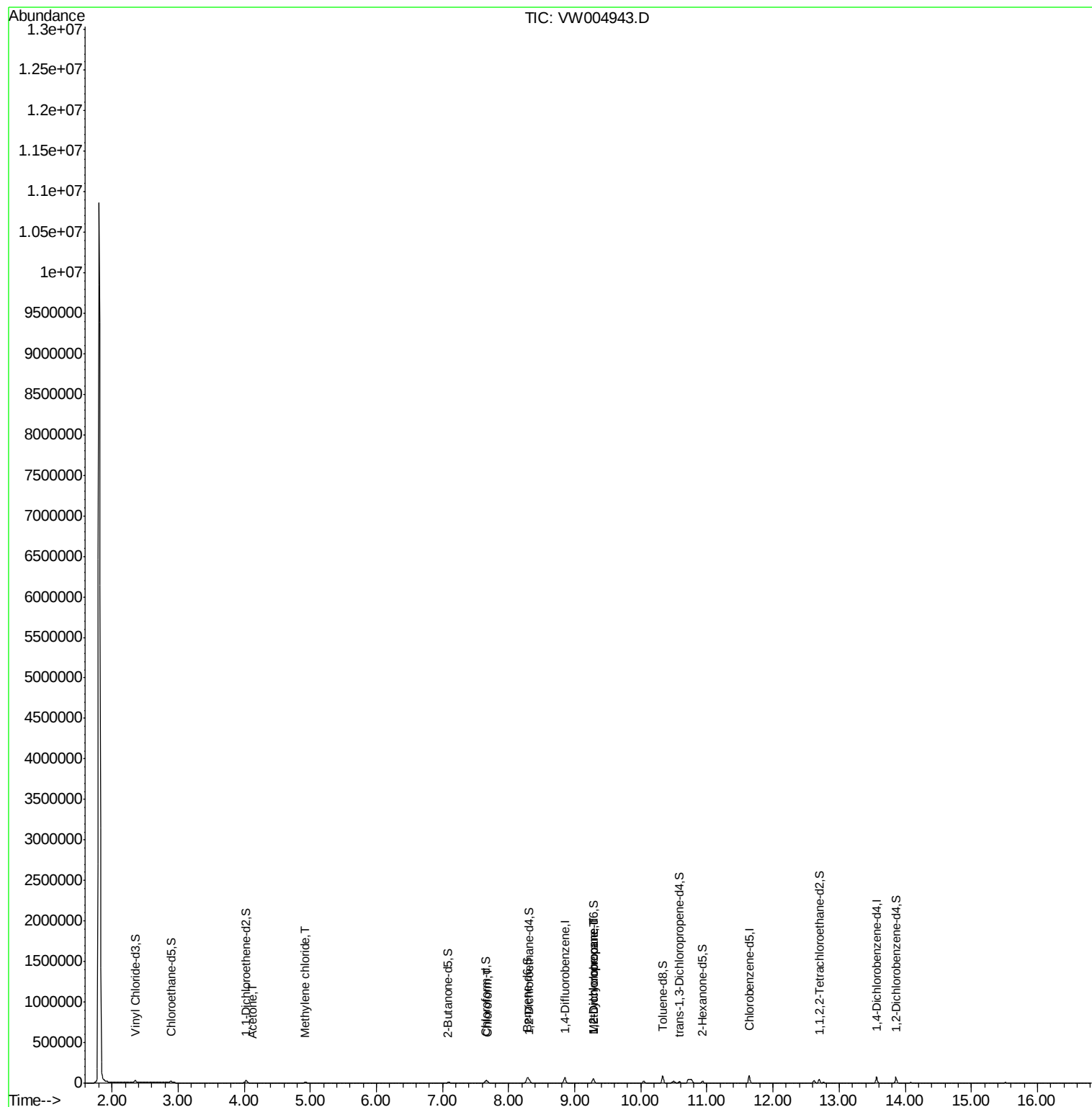
					Qvalue
13) Acetone	4.13	43	1135	6.623 ug/L	47
16) Methylene chloride	4.92	84	6130	5.497 ug/L	90
25) Chloroform	7.68	83	10846	8.503 ug/L	97
36) Methylcyclohexane	9.28	83	6303	4.185 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	2729	3.388 ug/L #	88

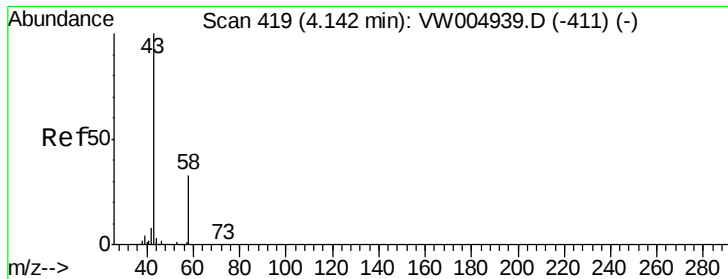
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 7.53G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Aug 25 01:34:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 25 01:34:01 2018
Response via : Initial Calibration

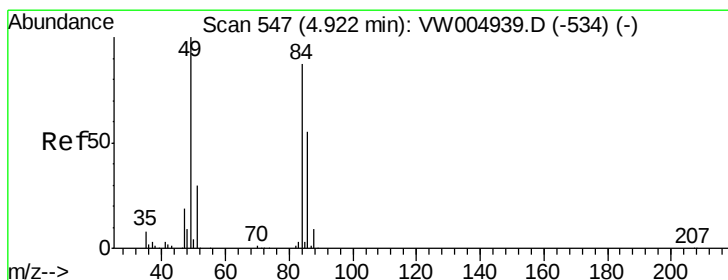
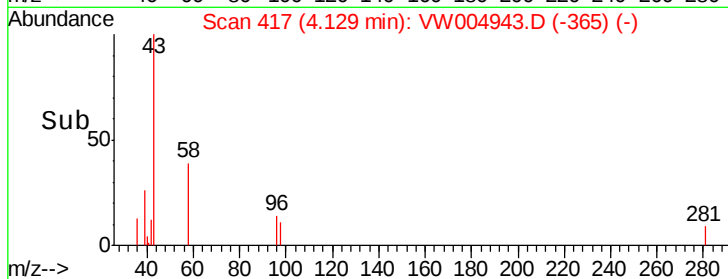
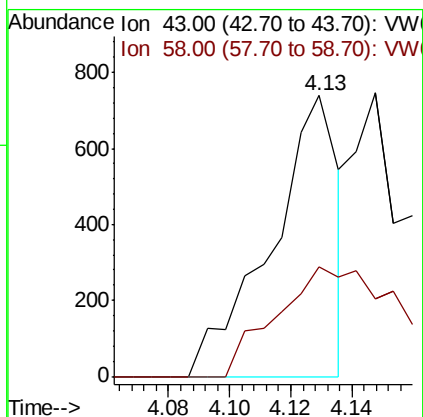
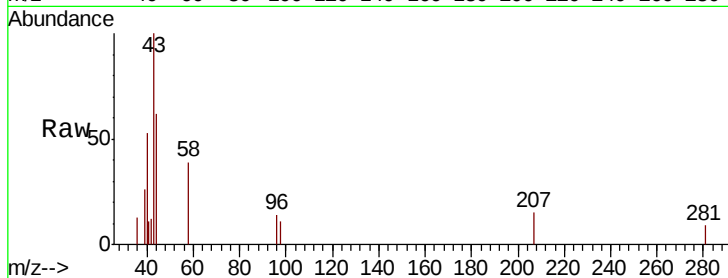




#13
Acetone
Concen: 6.623 ug/L
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW004943.D
Acq: 24 Aug 2018 18:55

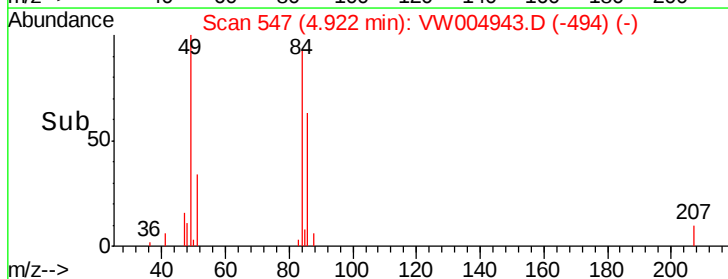
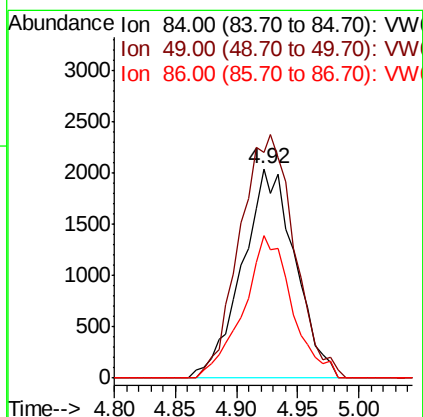
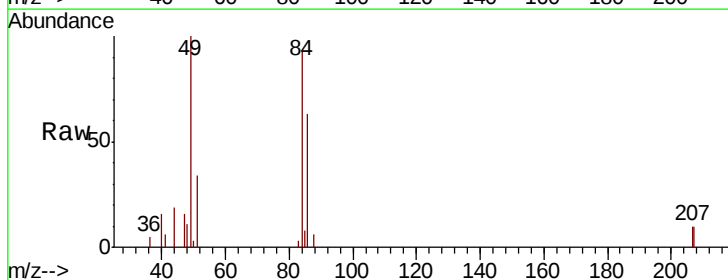
Instrument :
MSVOA_W
ClientSampleId :
DB3G2RE

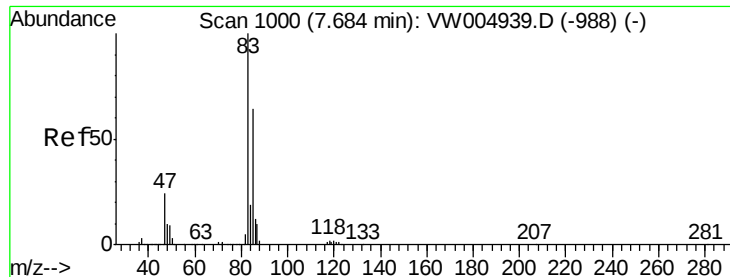
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 65.3 0.0 69.4



#16
Methylene chloride
Concen: 5.497 ug/L
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW004943.D
Acq: 24 Aug 2018 18:55

Tgt Ion: 84 Resp: 6130
Ion Ratio Lower Upper
84 100
49 107.9 83.8 155.6
86 68.4 42.6 79.0

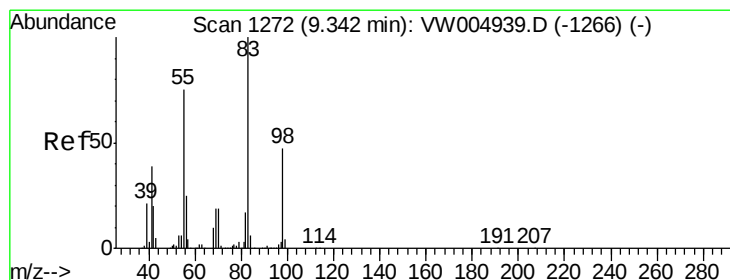
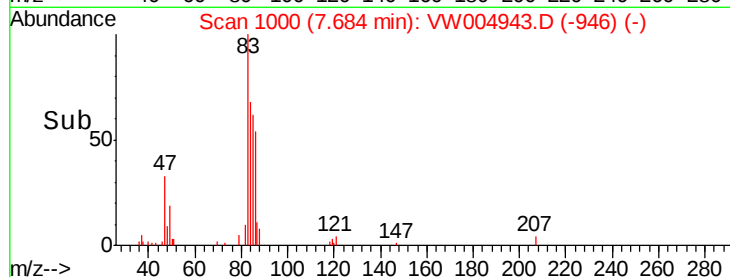
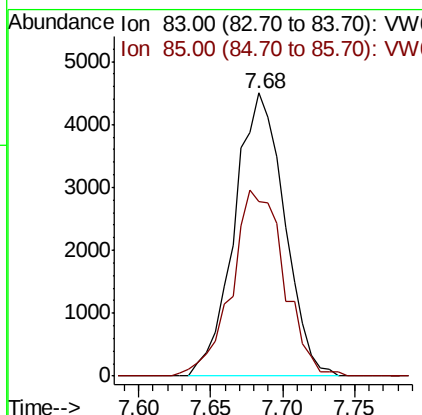
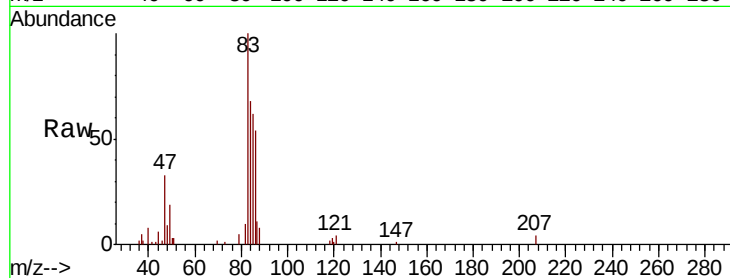




#25
Chloroform
Concen: 8.503 ug/L
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW004943.D
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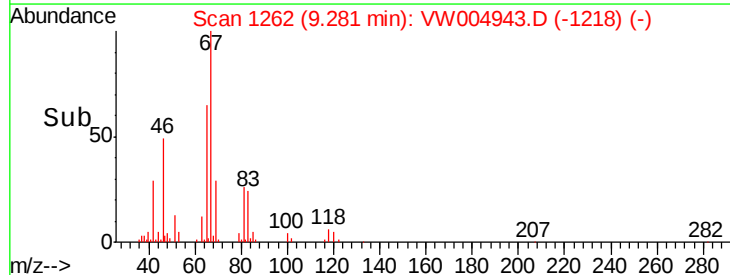
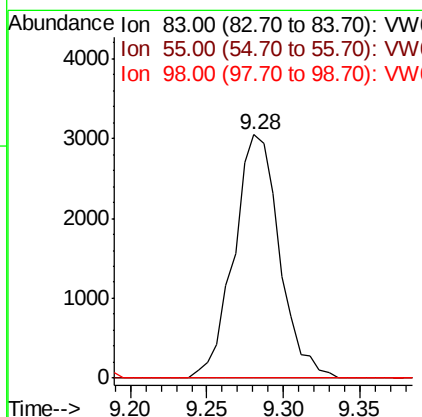
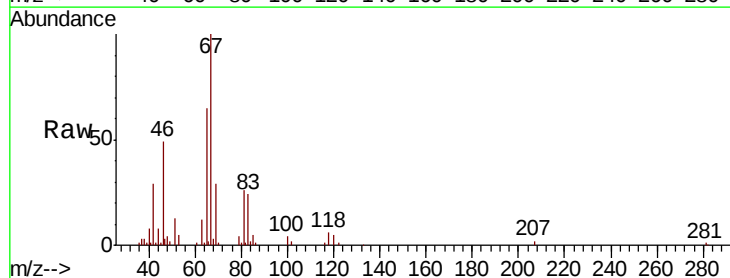
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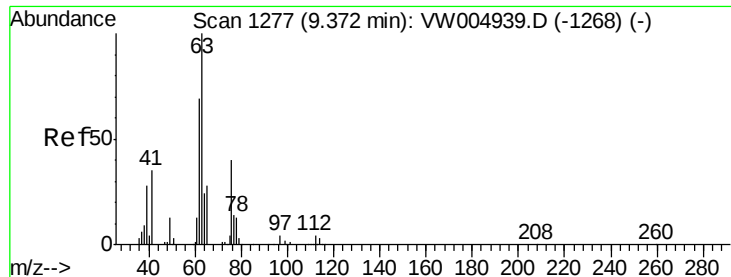
Tgt Ion: 83 Resp: 10846
Ion Ratio Lower Upper
83 100
85 68.4 46.3 85.9



#36
Methylcyclohexane
Concen: 4.185 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.06 min
Lab File: VW004943.D
Acq: 24 Aug 2018 18:55

Tgt Ion: 83 Resp: 6303
Ion Ratio Lower Upper
83 100
55 0.0 61.1 91.7#
98 0.4 37.0 55.4#





#40

1,2-Dichloropropane

Concen: 3.388 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004943.D

Acq: 24 Aug 2018 18:55

Instrument :

MSVOA_W

ClientSampleId :

DB3G2RE

Tgt Ion: 63 Resp: 2729

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

