

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014943.D
 Acq On : 10 Feb 2020 15:26
 Operator : SY/VA
 Sample : L1415-19
 Misc : 5.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:34:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	829985	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	752073	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	260490	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	223825	16.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.16%
7) Chloroethane-d5	2.89	69	222063	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
10) 1,1-Dichloroethene-d2	4.01	63	360776	14.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.48%
20) 2-Butanone-d5	7.08	46	142306	36.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.80%
24) Chloroform-d	7.65	84	522143	22.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	8.31	65	301759	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%
29) Benzene-d6	8.27	84	1031941	21.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.36%
33) 1,2-Dichloropropane-d6	9.27	67	372876	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	10.32	98	846220	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.52%
38) trans-1,3-Dichloropropene-	10.57	79	113177	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.76%
39) 2-Hexanone-d5	10.92	63	93864	32.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	214055	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	226459	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

Target Compounds

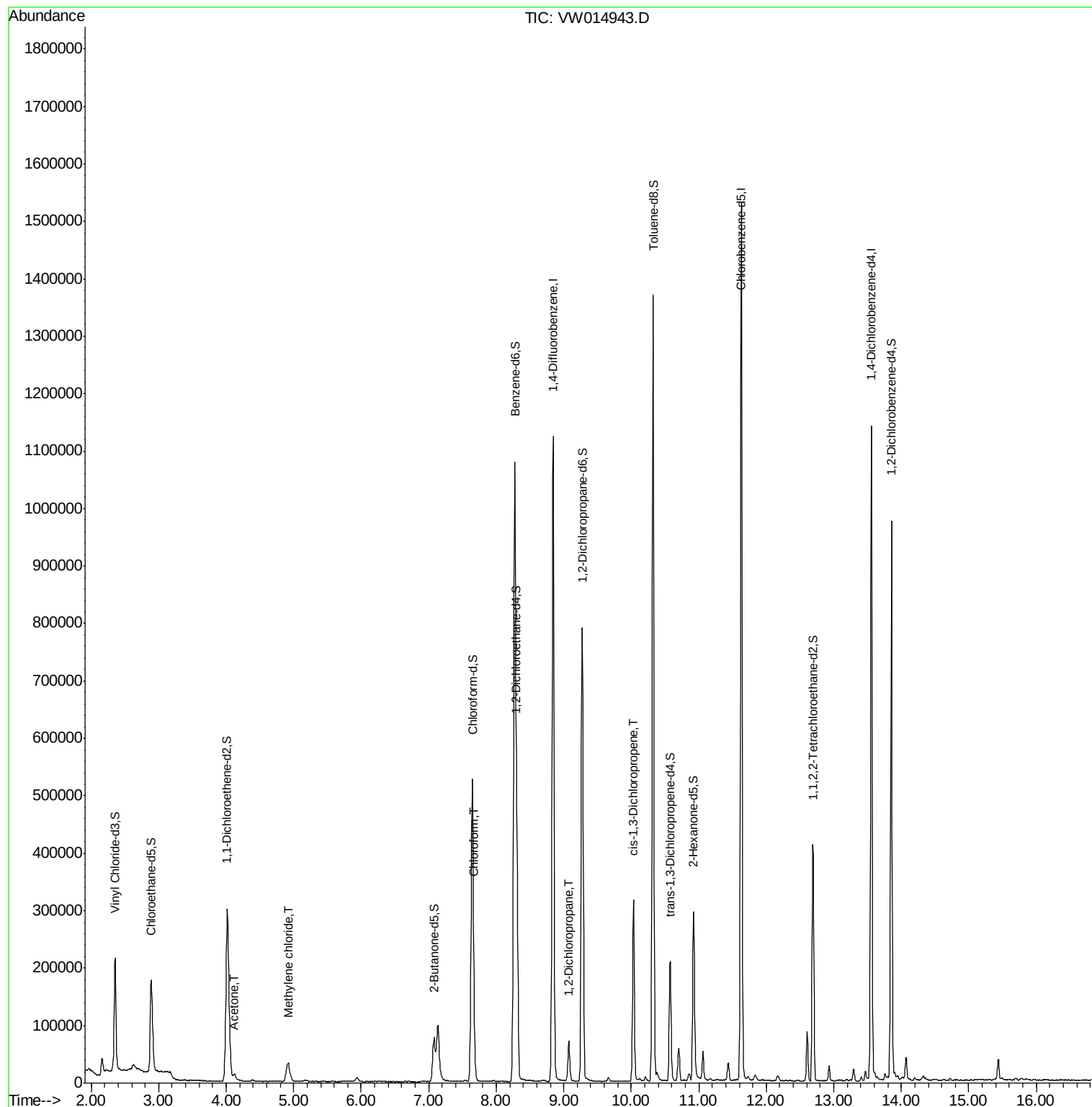
					Ovalue
13) Acetone	4.12	43	17947	4.509 ug/L	84
16) Methylene chloride	4.92	84	25222	1.668 ug/L	92
25) Chloroform	7.67	83	23764	1.070 ug/L #	66
40) 1,2-Dichloropropane	9.07	63	4878	0.352 ug/L	100
42) cis-1,3-Dichloropropene	10.03	75	8016	0.408 ug/L #	67

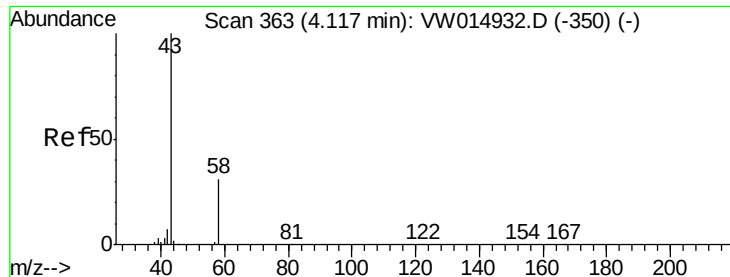
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.509 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014943.D

Acq: 10 Feb 2020 15:26

Instrument :

MSVOA_W

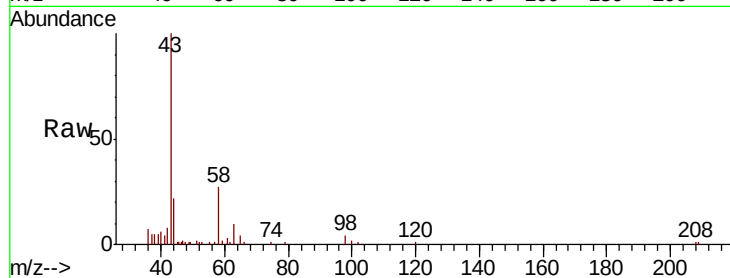
ClientSampleId :

Tot Ion: 43 Resp: 17947

Ion Ratio Lower Upper

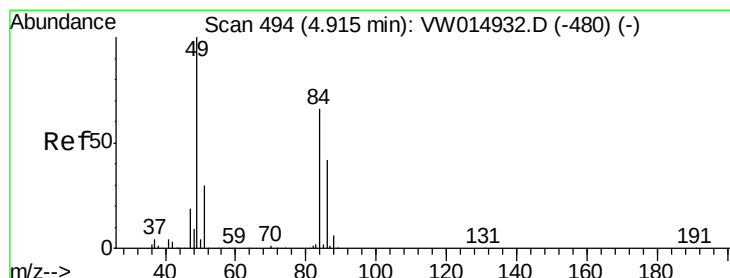
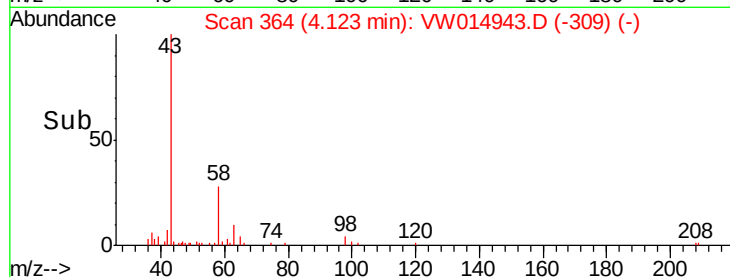
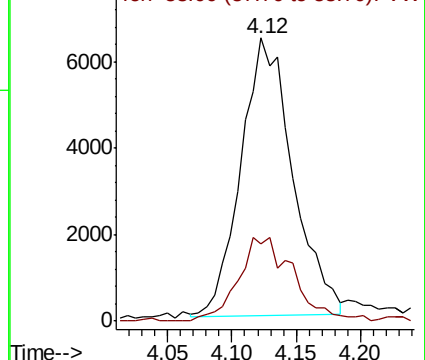
43 100

58 21.6 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.668 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014943.D

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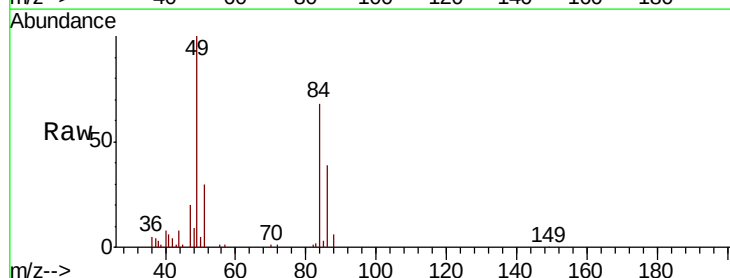
Tgt Ion: 84 Resp: 25222

Ion Ratio Lower Upper

84 100

49 146.3 95.8 177.8

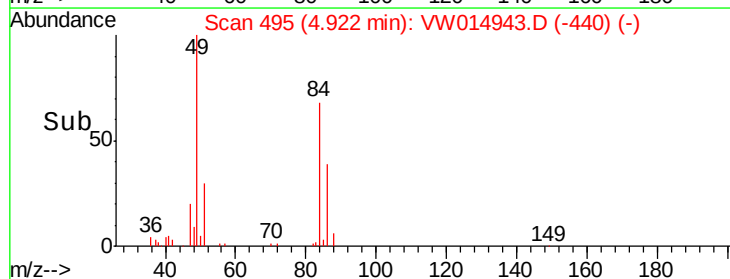
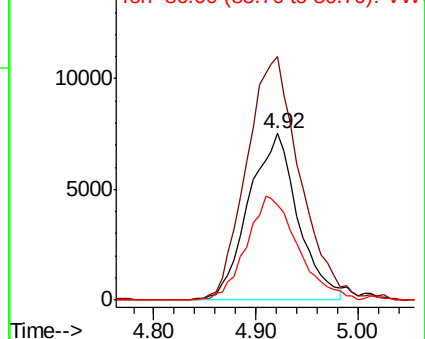
86 57.0 44.2 82.2

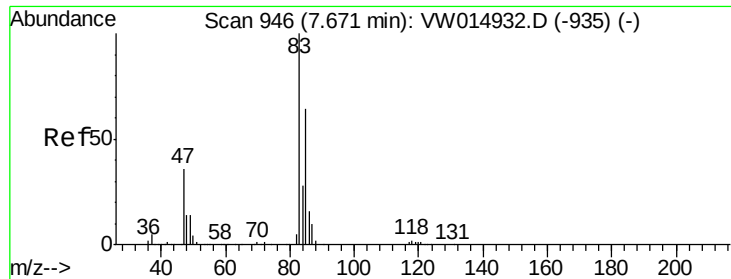


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

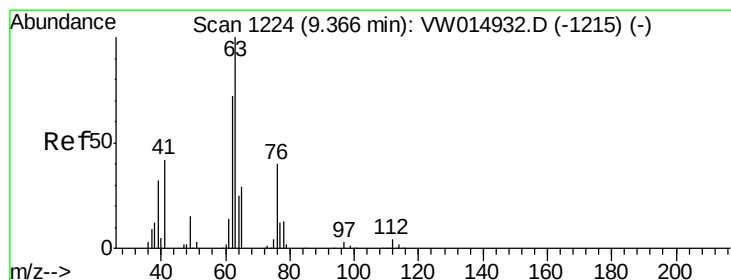
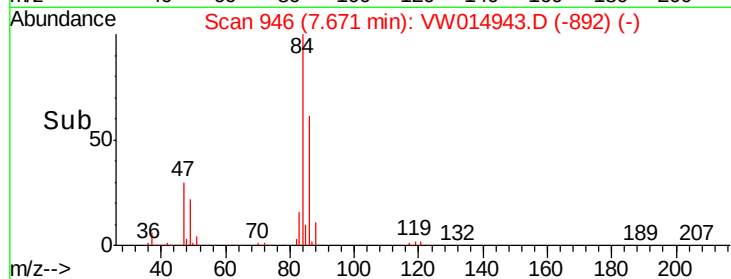
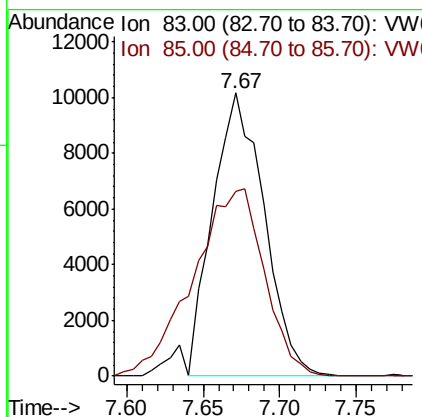
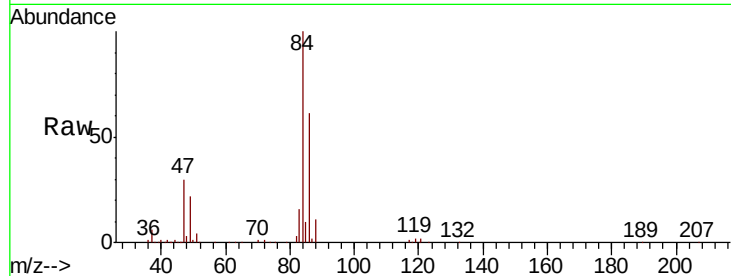




#25
Chloroform
Concen: 1.070 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014943.D
Acq: 10 Feb 2020 15:26

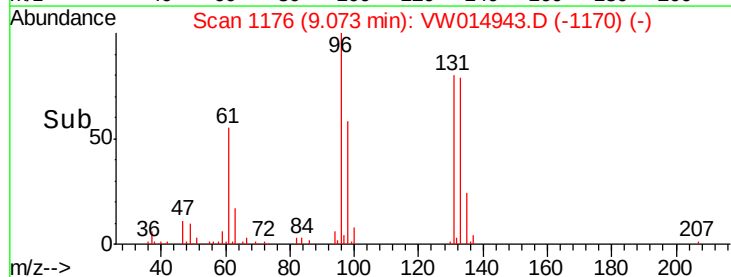
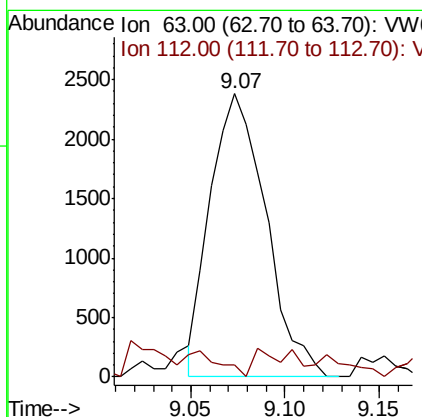
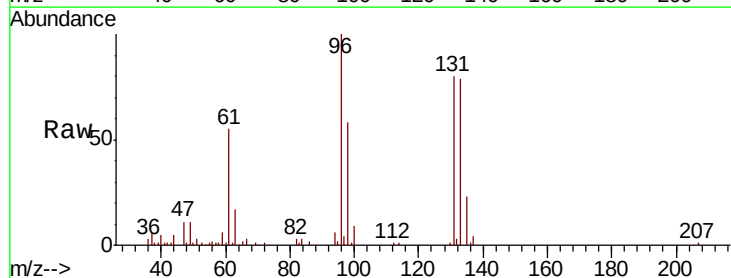
Instrument :
MSVOA_W
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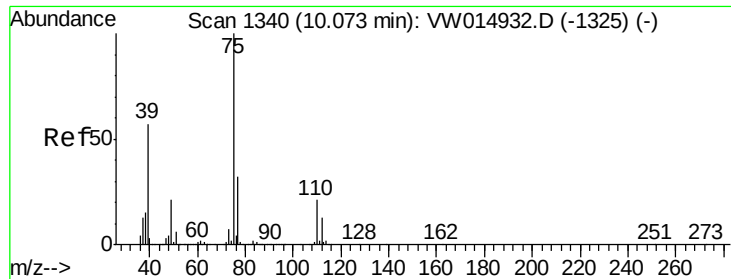
Tot Ion: 83 Resp: 23764
Ion Ratio Lower Upper
83 100
85 91.4 45.4 84.4#



#40
1,2-Dichloropropane
Concen: 0.352 ug/L
RT: 9.07 min Scan# 1176
Delta R.T. -0.29 min
Lab File: VW014943.D
Acq: 10 Feb 2020 15:26

Tgt Ion: 63 Resp: 4878
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7





#42

cis-1,3-Dichloropropene

Concen: 0.408 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014943.D

Acq: 10 Feb 2020 15:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 8016

Ion Ratio Lower Upper

75 100

77 50.8 22.5 41.9#

