

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014951.D
 Acq On : 10 Feb 2020 18:55
 Operator : SY/VA
 Sample : L1416-08
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:35:03 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	840959	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	785247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	286752	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	227438	16.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.36%
7) Chloroethane-d5	2.89	69	231430	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
10) 1,1-Dichloroethene-d2	4.18	63	199	0.01	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	168580	43.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.30%
24) Chloroform-d	7.65	84	551390	23.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	8.30	65	325510	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.52%
29) Benzene-d6	8.27	84	1087998	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.27	67	388663	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.32	98	895764	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.64%
38) trans-1,3-Dichloropropene-	10.57	79	119644	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.64%
39) 2-Hexanone-d5	10.92	63	113424	37.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	243860	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	253054	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds

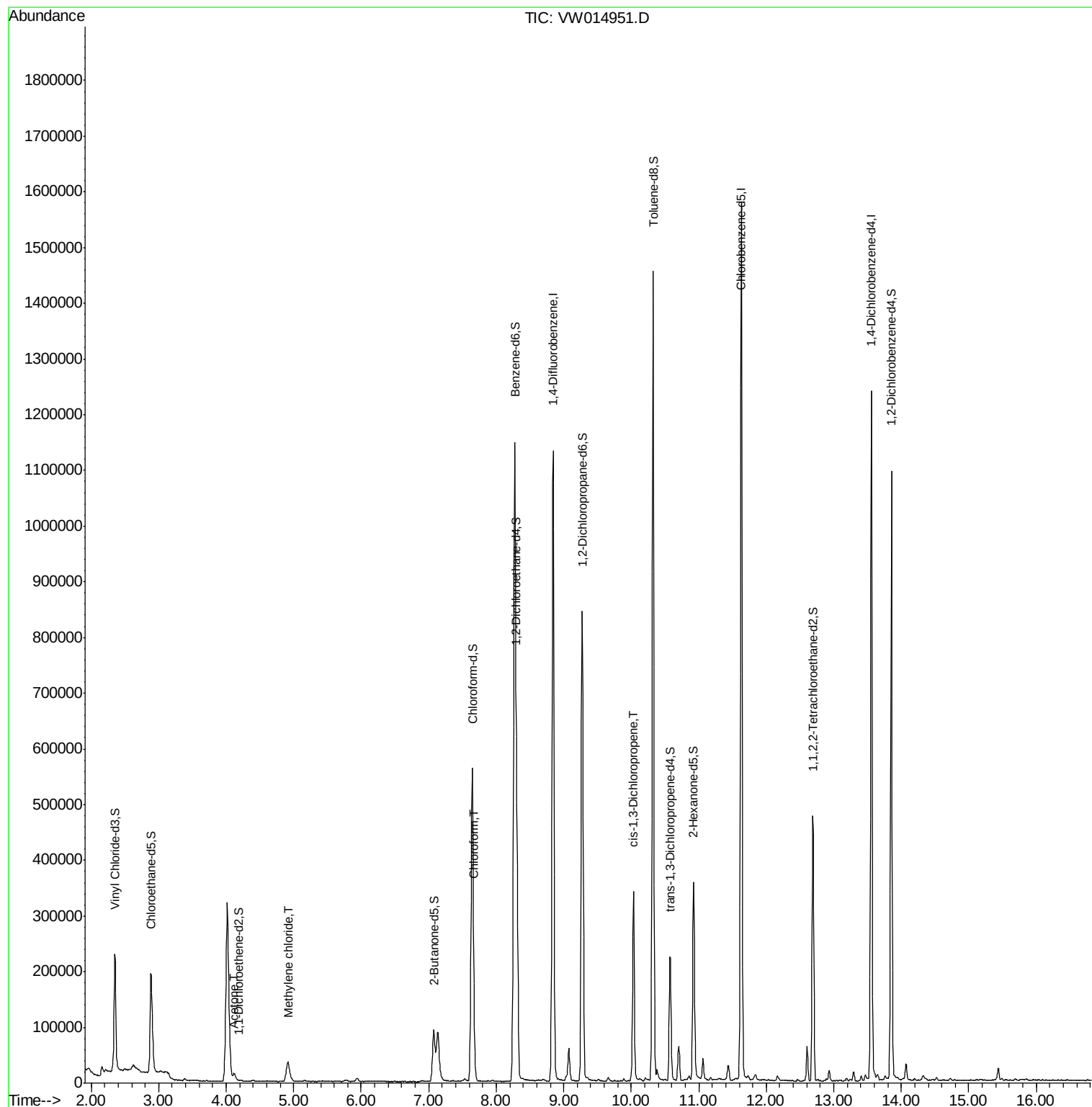
					Ovalue
13) Acetone	4.12	43	21149	5.244 ug/L	96
16) Methylene chloride	4.91	84	26351	1.720 ug/L	87
25) Chloroform	7.67	83	19856	0.883 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	8750	0.426 ug/L #	72

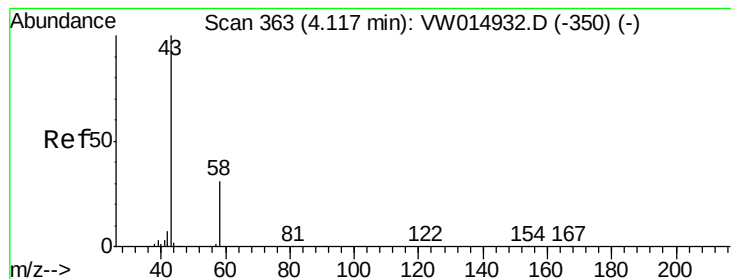
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.244 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014951.D

Acq: 10 Feb 2020 18:55

Instrument :

MSVOA_W

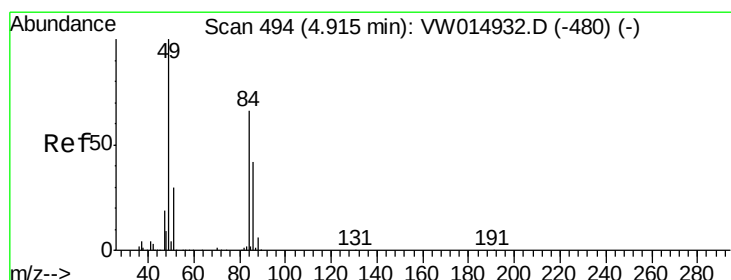
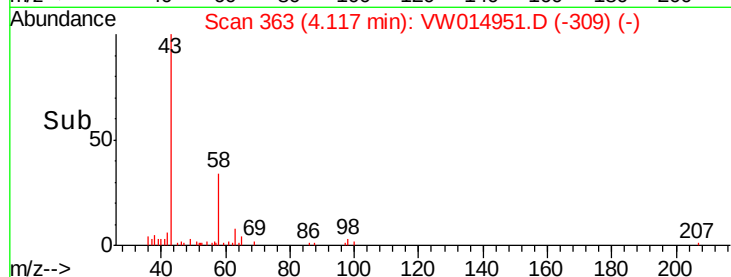
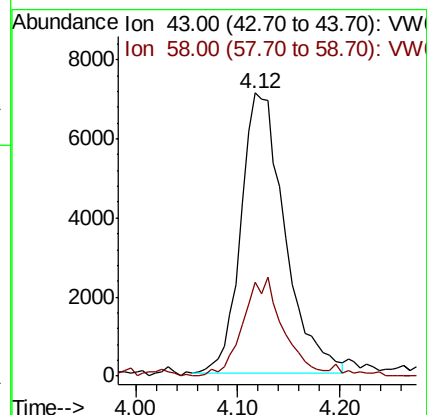
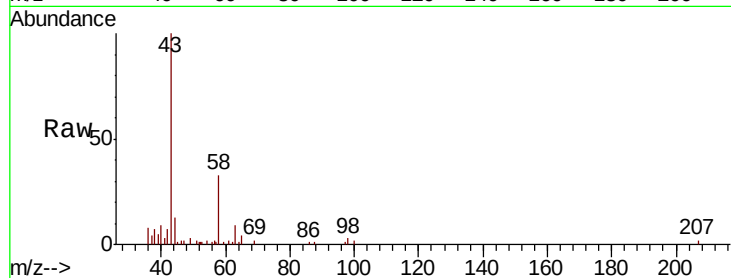
ClientSampled :

Tot Ion: 43 Resp: 21149

Ion Ratio Lower Upper

43 100

58 32.3 0.0 60.4



#16

Methylene chloride

Concen: 1.720 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014951.D

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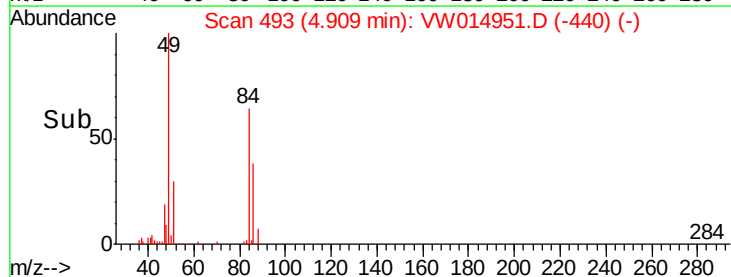
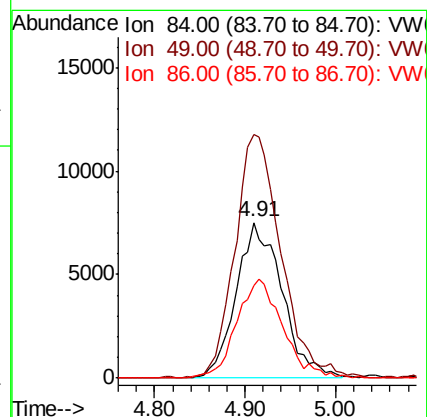
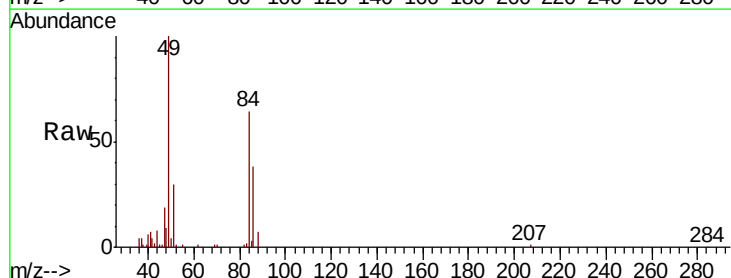
Tgt Ion: 84 Resp: 26351

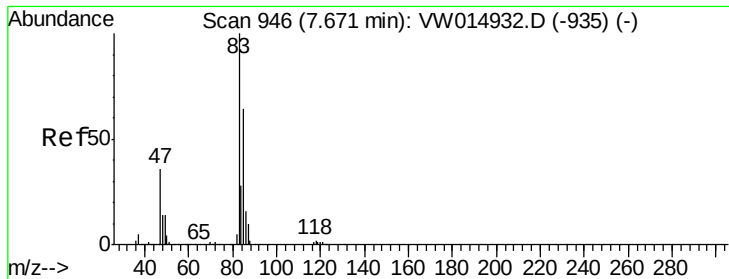
Ion Ratio Lower Upper

84 100

49 156.3 95.8 177.8

86 59.6 44.2 82.2





#25

Chloroform

Concen: 0.883 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

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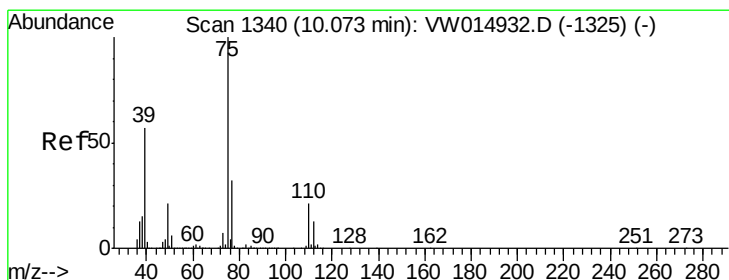
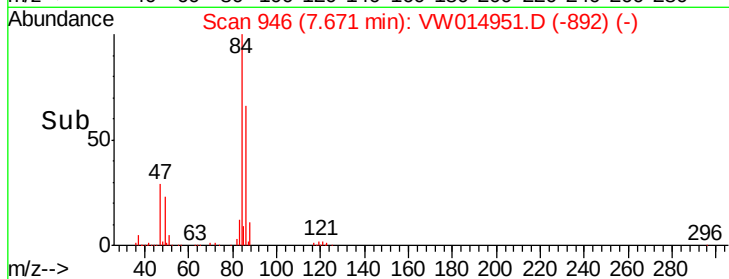
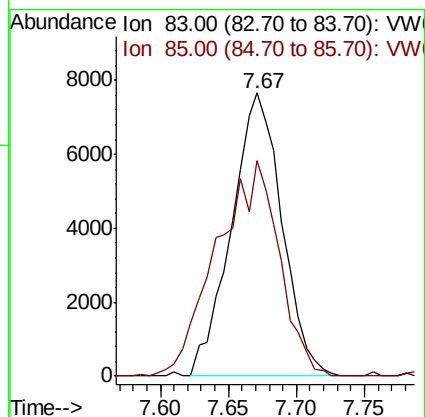
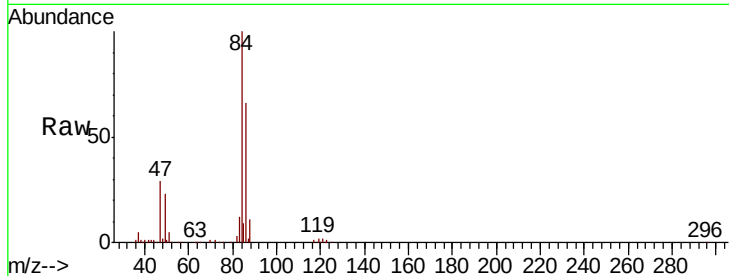
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 19856

Ion Ratio Lower Upper

83 100

85 65.5 45.4 84.4



#42

cis-1,3-Dichloropropene

Concen: 0.426 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014951.D

Acq: 10 Feb 2020 18:55

Tgt Ion: 75 Resp: 8750

Ion Ratio Lower Upper

75 100

77 47.8 22.5 41.9#

