

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014941.D
 Acq On : 10 Feb 2020 14:34
 Operator : SY/VA
 Sample : L1415-17
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:34:09 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	871074	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	796188	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	293451	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	226241	15.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.76%
7) Chloroethane-d5	2.89	69	221746	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.84%
10) 1,1-Dichloroethene-d2	4.01	63	371843	14.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.44%
20) 2-Butanone-d5	7.07	46	132443	32.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.46%
24) Chloroform-d	7.65	84	533298	21.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.24%
26) 1,2-Dichloroethane-d4	8.31	65	291731	21.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.28%
29) Benzene-d6	8.27	84	1052607	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.27	67	369895	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.32	98	880170	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.12%
38) trans-1,3-Dichloropropene-	10.58	79	109758	16.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.64%
39) 2-Hexanone-d5	10.93	63	85965	28.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	204889	16.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	238530	20.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.84%

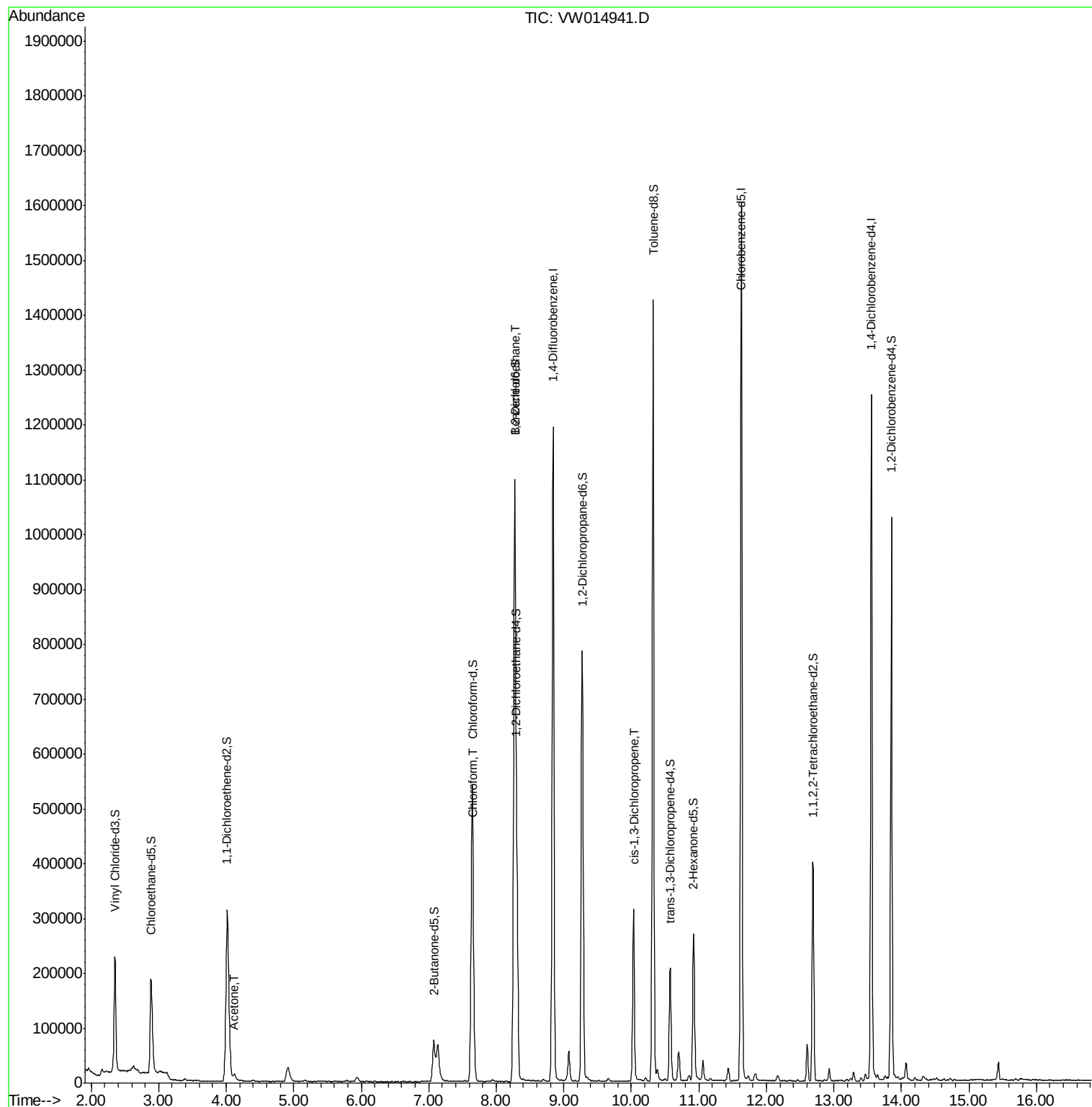
Target Compounds					Ovalue
13) Acetone	4.12	43	20573	4.925 ug/L	94
25) Chloroform	7.66	83	18213	0.782 ug/L	91
27) 1,2-Dichloroethane	8.27	62	6938	0.432 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	7567	0.364 ug/L #	50

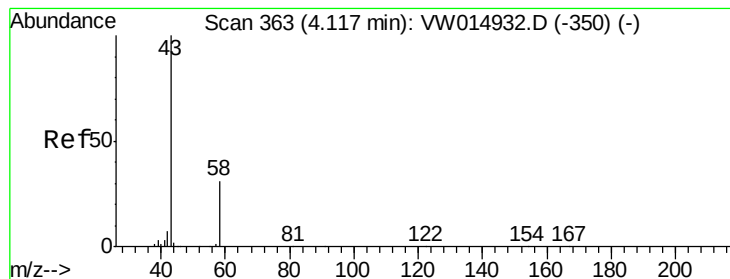
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 11 00:31:29 2020
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#13

Acetone

Concen: 4.925 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014941.D

Acq: 10 Feb 2020 14:34

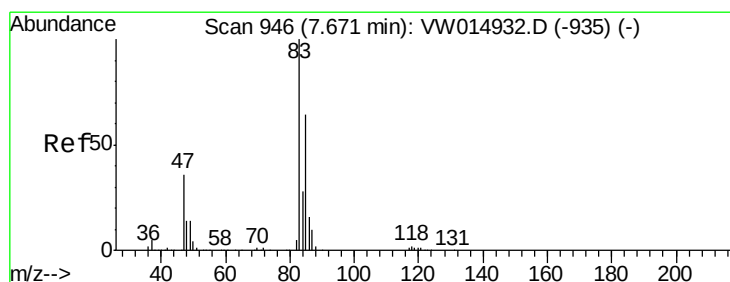
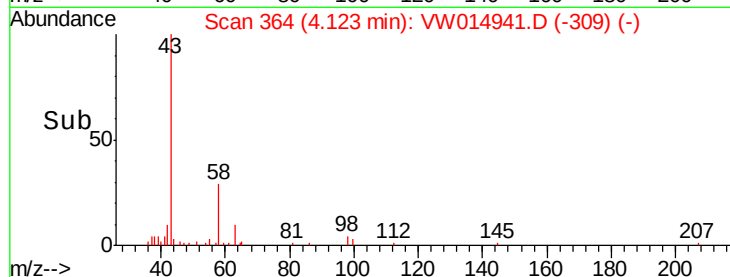
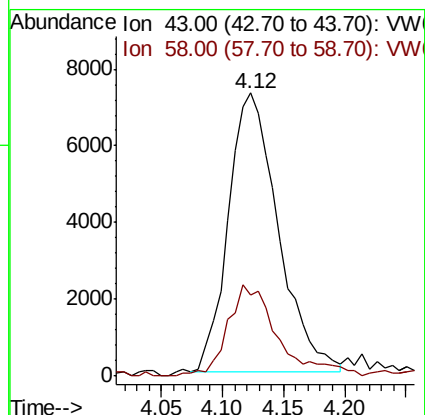
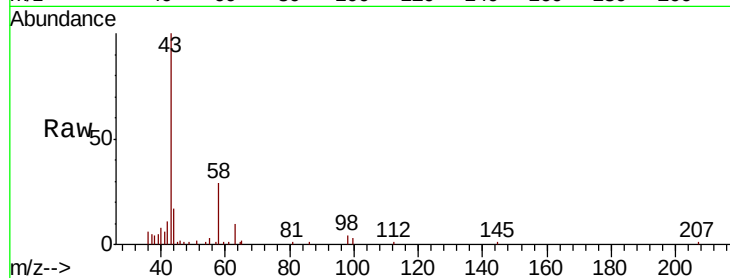
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 20573

Ion Ratio Lower Upper

43 100

58 26.8 0.0 60.4



#25

Chloroform

Concen: 0.782 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

Lab File: VW014941.D

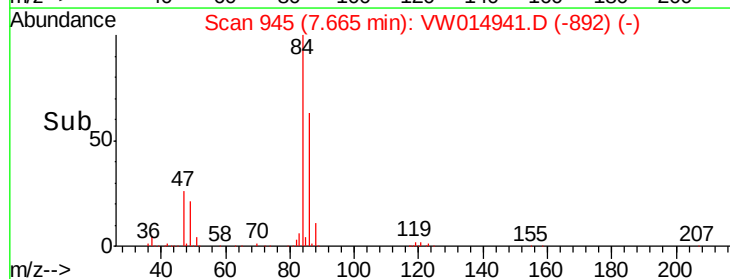
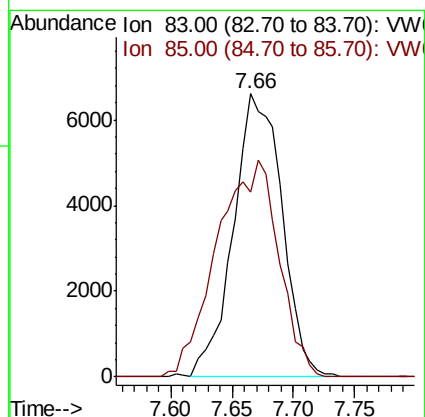
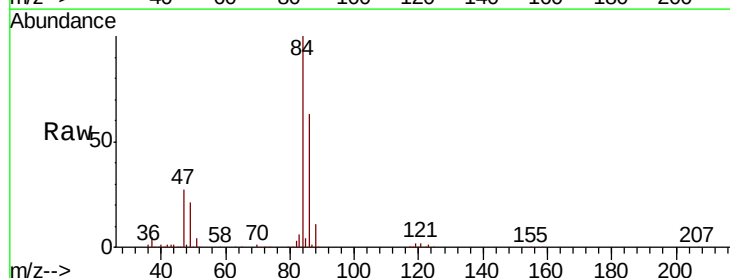
Acq: 10 Feb 2020 14:34

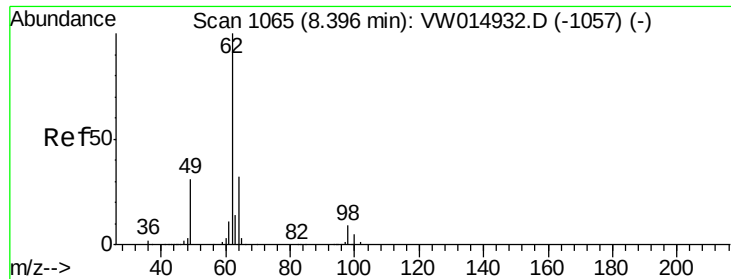
Tgt Ion: 83 Resp: 18213

Ion Ratio Lower Upper

83 100

85 57.6 45.4 84.4

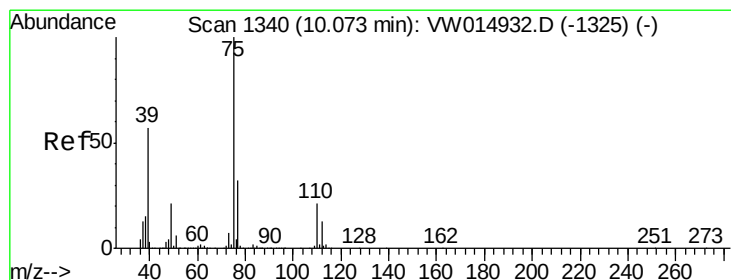
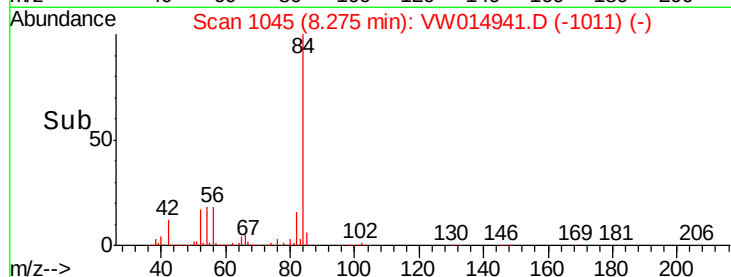
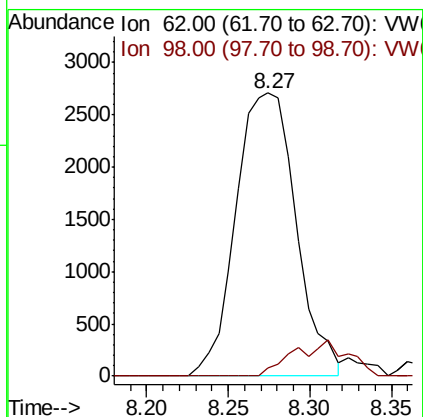
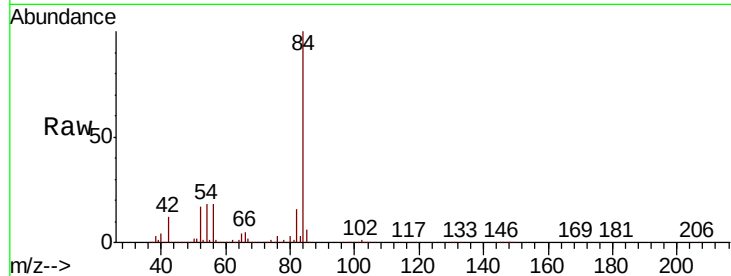




#27
 1,2-Dichloroethane
 Concen: 0.432 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW014941.D
 Acq: 10 Feb 2020 14:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 62 Resp: 6938
 Ion Ratio Lower Upper
 62 100
 98 7.2 7.2 10.8



#42
 cis-1,3-Dichloropropene
 Concen: 0.364 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW014941.D
 Acq: 10 Feb 2020 14:34

Tgt Ion: 75 Resp: 7567
 Ion Ratio Lower Upper
 75 100
 77 60.0 22.5 41.9#

