

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016681.D
 Acq On : 29 Sep 2020 10:42
 Operator : SY/VA
 Sample : VW0929SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB04

Quant Time: Sep 30 07:16:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	617696	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	539213	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	263048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	98740	16.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.04%
7) Chloroethane-d5	2.90	69	92114	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
10) 1,1-Dichloroethene-d2	4.03	63	168204	12.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.32%
20) 2-Butanone-d5	7.09	46	65111	39.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.88%
24) Chloroform-d	7.65	84	299138	23.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	8.31	65	150780	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.92%
29) Benzene-d6	8.28	84	529858	21.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.64%
33) 1,2-Dichloropropane-d6	9.28	67	155851	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.12%
37) Toluene-d8	10.33	98	481978	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.04%
38) trans-1,3-Dichloropropene-	10.59	79	67770	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	53120	44.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128935	23.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	208508	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

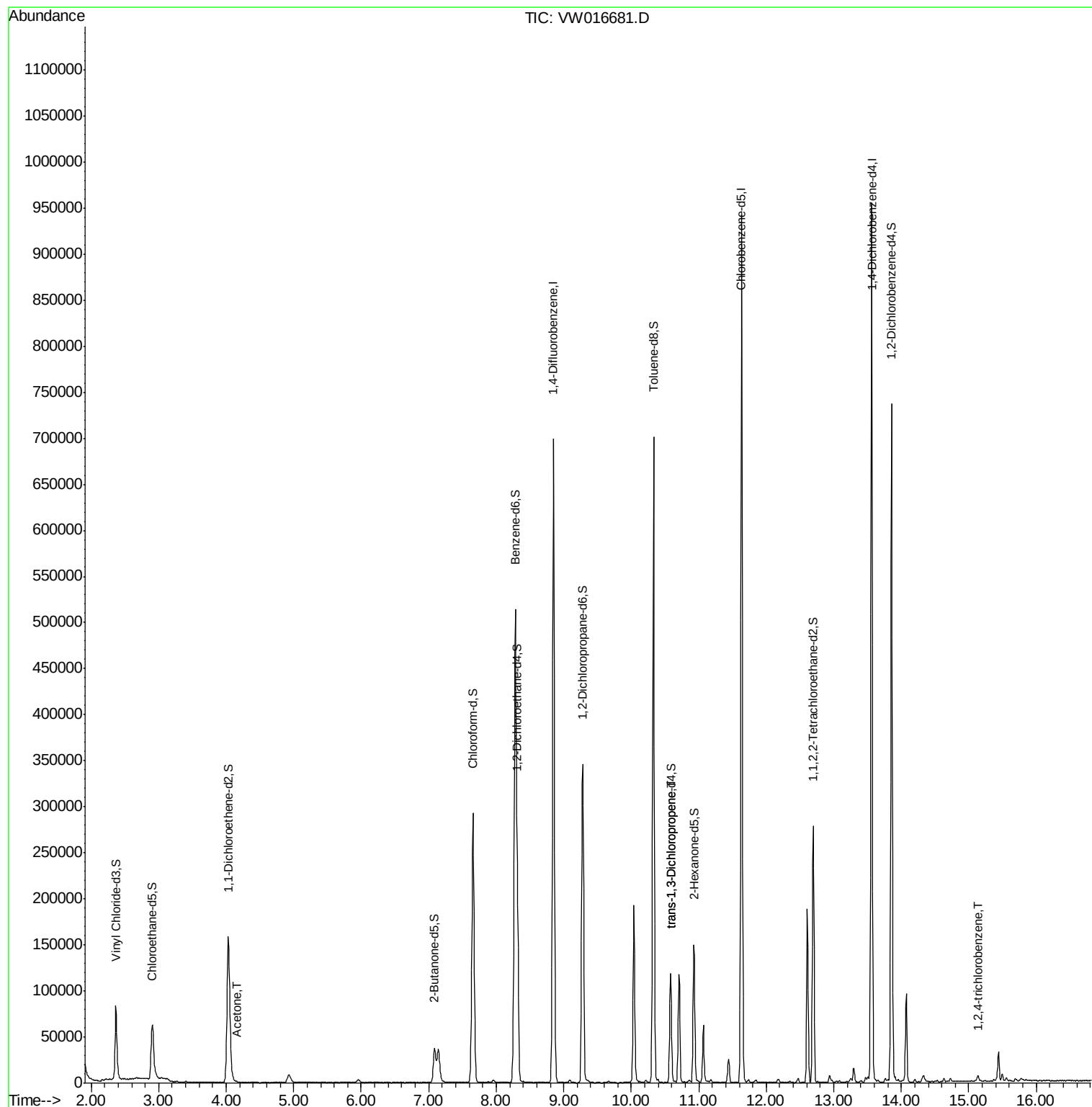
					Ovalue
13) Acetone	4.16	43	402	0.315 ug/L	72
45) trans-1,3-Dichloropropene	10.59	75	3696	0.370 ug/L #	77
68) 1,2,4-trichlorobenzene	15.14	180	2231	0.220 ug/L	98

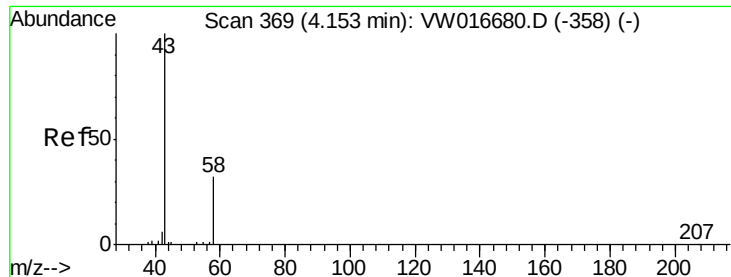
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.315 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016681.D

Acq: 29 Sep 2020 10:42

Instrument :

MSVOA_W

ClientSampleId :

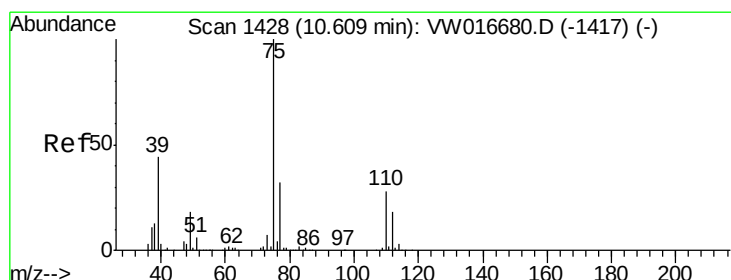
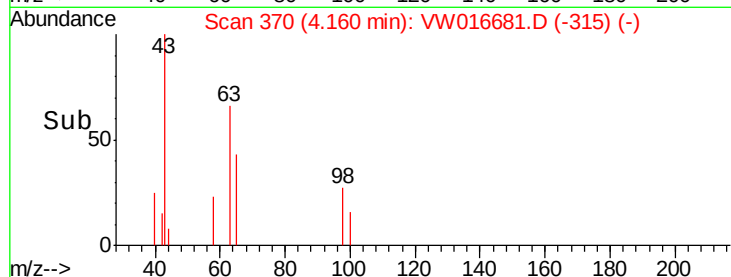
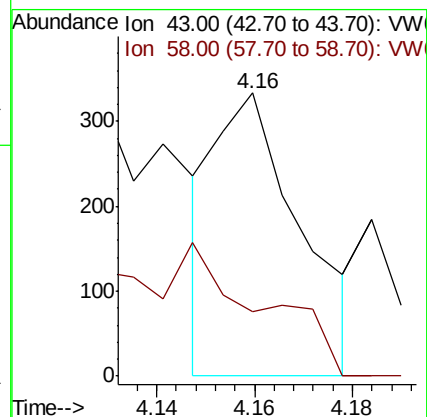
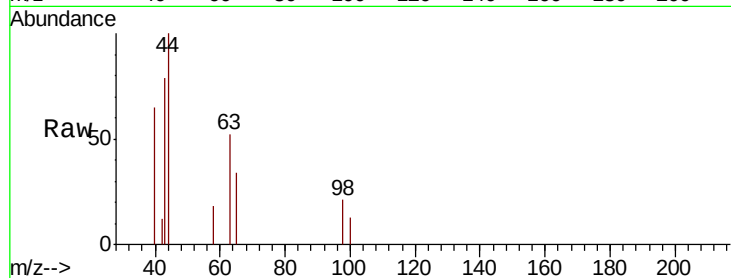
BFB04

Tot Ion: 43 Resp: 402

Ion Ratio Lower Upper

43 100

58 14.9 0.0 60.2



#45

trans-1,3-Dichloropropene

Concen: 0.370 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

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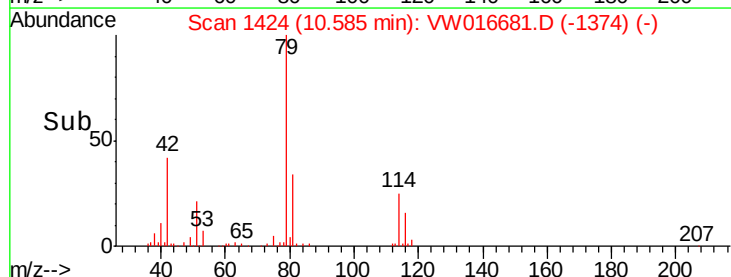
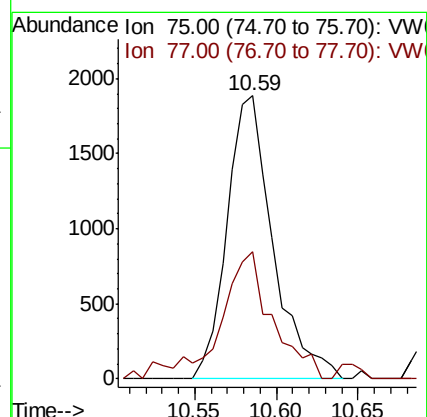
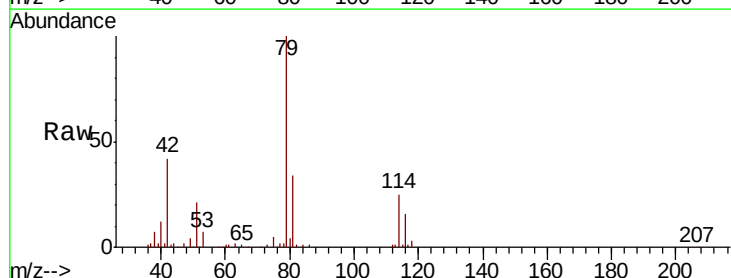
Acq: 29 Sep 2020 10:42

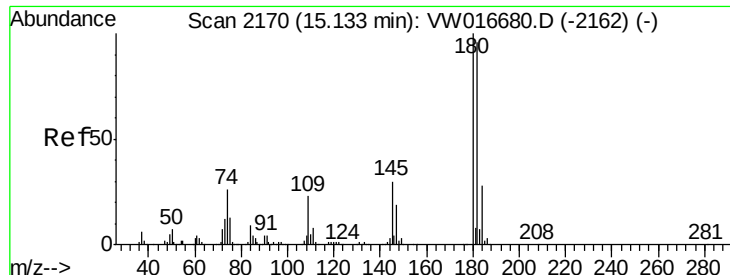
Tgt Ion: 75 Resp: 3696

Ion Ratio Lower Upper

75 100

77 45.1 22.5 41.9#

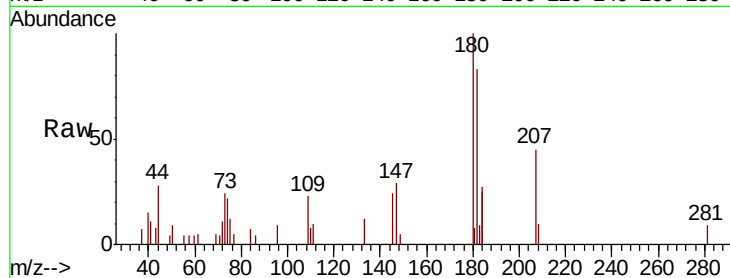




#68
 1,2,4-trichlorobenzene
 Concen: 0.220 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
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 Acq: 29 Sep 2020 10:42

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Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	74.5	111.7
145	26.0	23.1	34.7



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

