

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016696.D
 Acq On : 29 Sep 2020 19:02
 Operator : SY/VA
 Sample : L4184-08
 Misc : 4.88G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM5

Quant Time: Sep 30 07:17:54 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	568415	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	499899	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	235870	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	110788	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
7) Chloroethane-d5	2.90	69	101675	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
10) 1,1-Dichloroethene-d2	4.03	63	186084	15.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.52%
20) 2-Butanone-d5	7.08	46	65053	43.37	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.74%
24) Chloroform-d	7.66	84	296551	24.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	8.31	65	151466	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.28	84	566030	25.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.00%
33) 1,2-Dichloropropane-d6	9.28	67	161817	26.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.52%
37) Toluene-d8	10.33	98	536012	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.59	79	64948	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.93	63	51336	46.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125270	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	199014	26.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.64%

Target Compounds

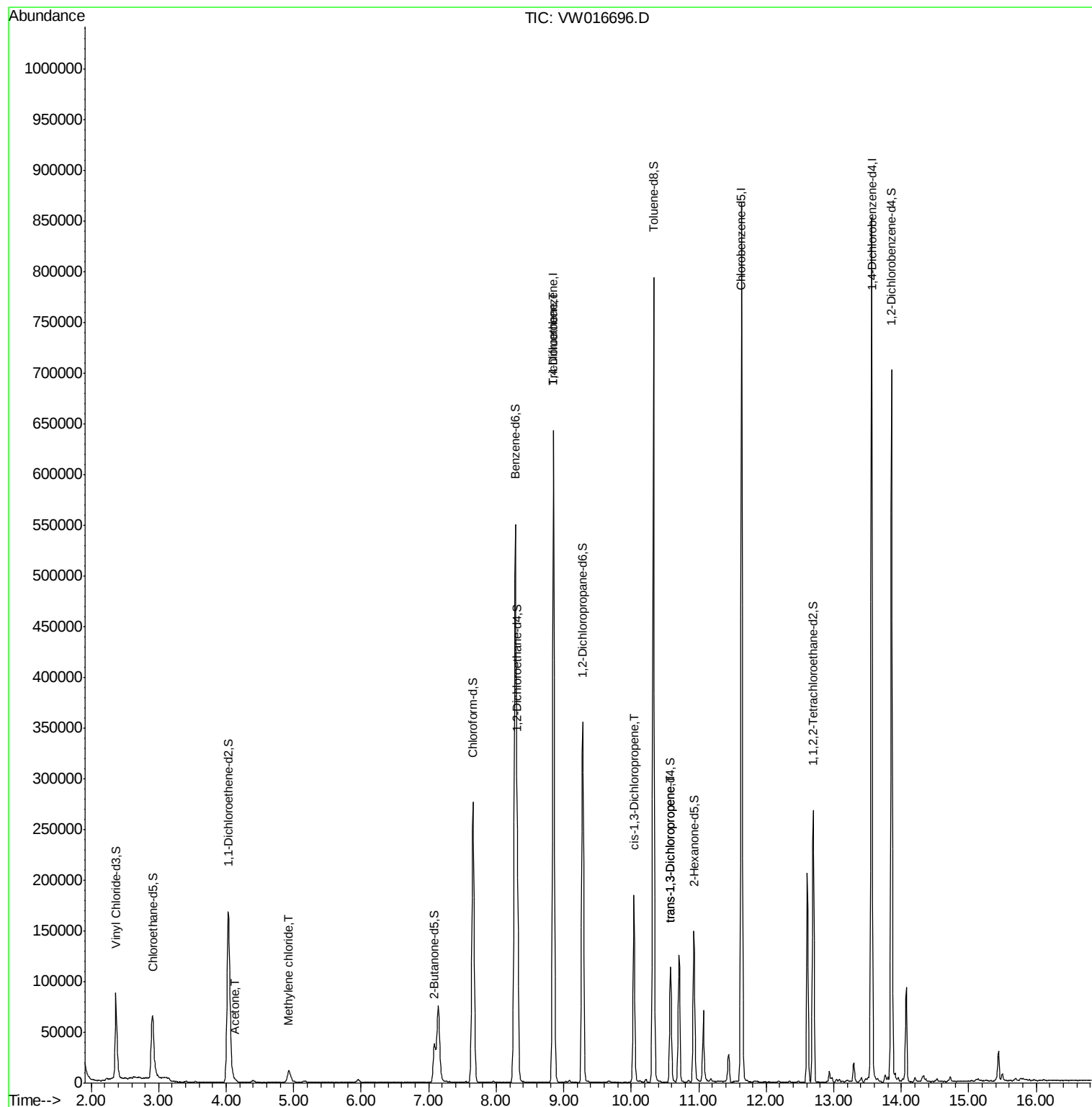
					Ovalue
13) Acetone	4.14	43	3034	2.582 ug/L	80
16) Methylene chloride	4.93	84	9992	1.140 ug/L	94
35) Trichloroethene	8.85	95	16454	2.123 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	5183	0.487 ug/L #	77
45) trans-1,3-Dichloropropene	10.58	75	3357	0.362 ug/L	84

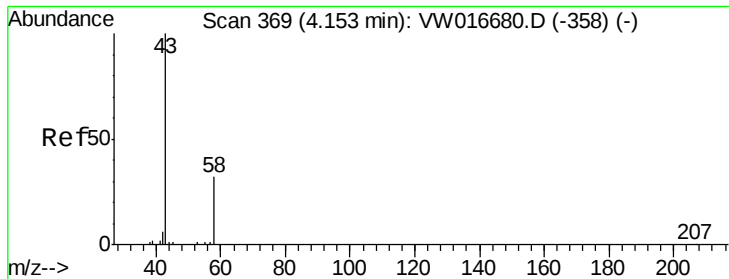
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.582 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016696.D

Acq: 29 Sep 2020 19:02

Instrument :

MSVOA_W

ClientSampled :

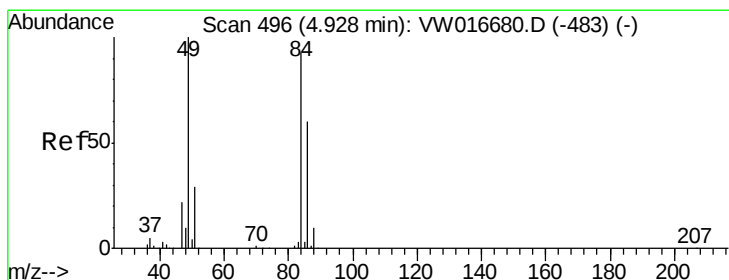
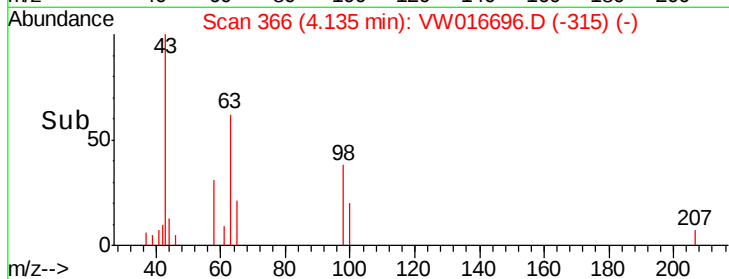
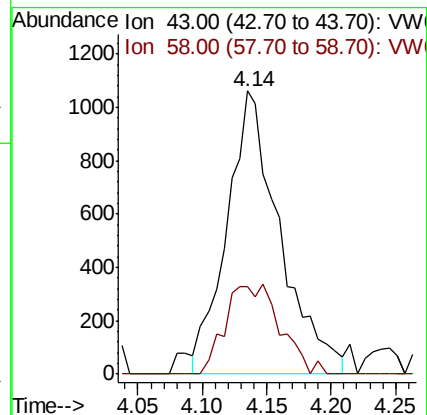
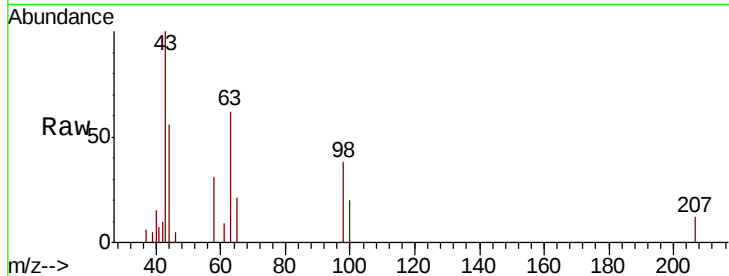
C0AM5

Tot Ion: 43 Resp: 3034

Ion Ratio Lower Upper

43 100

58 19.2 0.0 60.2



#16

Methylene chloride

Concen: 1.140 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016696.D

Acq: 29 Sep 2020 19:02

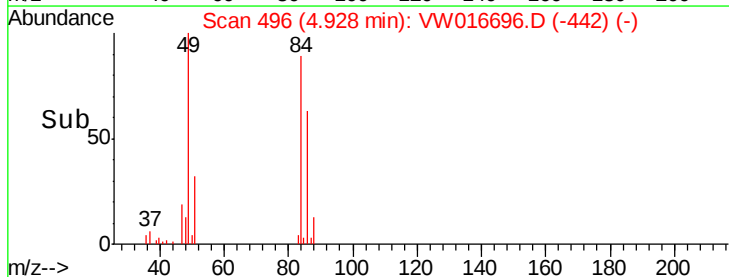
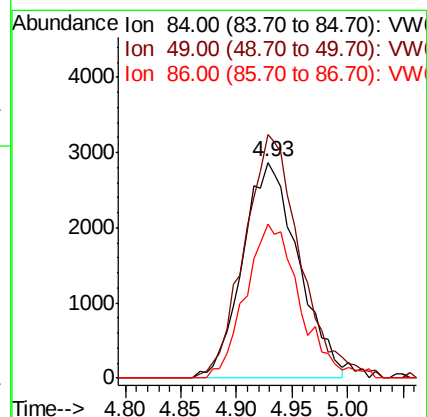
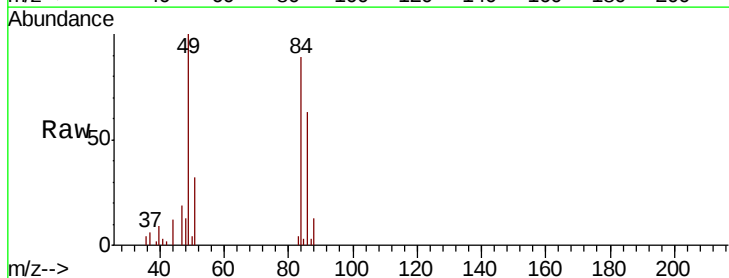
Tgt Ion: 84 Resp: 9992

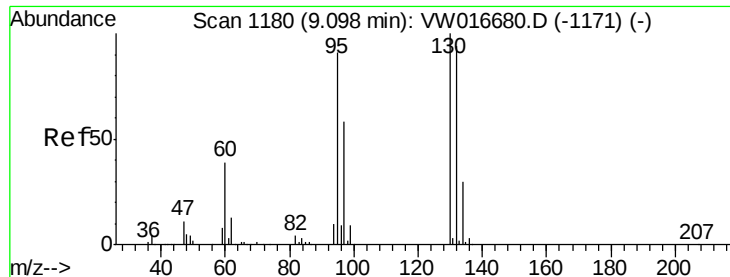
Ion Ratio Lower Upper

84 100

49 112.9 76.0 141.2

86 71.4 45.6 84.6





#35

Trichloroethene

Concen: 2.123 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016696.D

Acq: 29 Sep 2020 19:02

Instrument :

MSVOA_W

ClientSampleId :

C0AM5

Tot Ion: 95 Resp: 16454

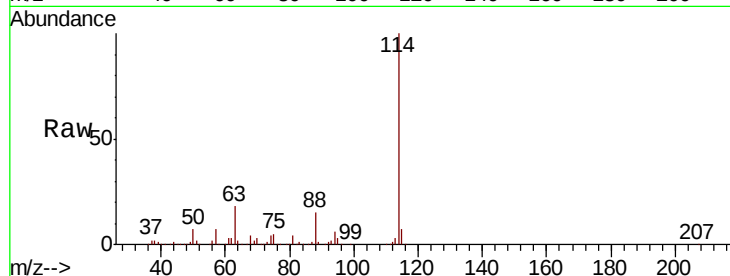
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

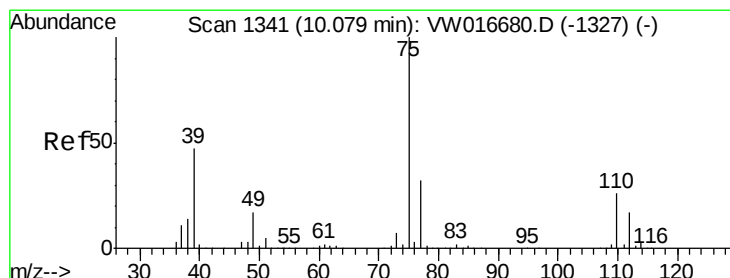
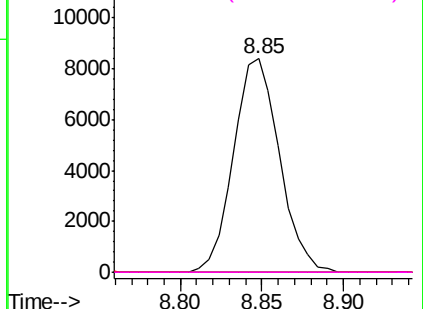
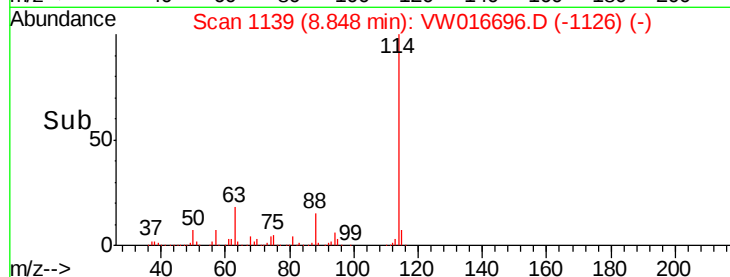


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.487 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW016696.D

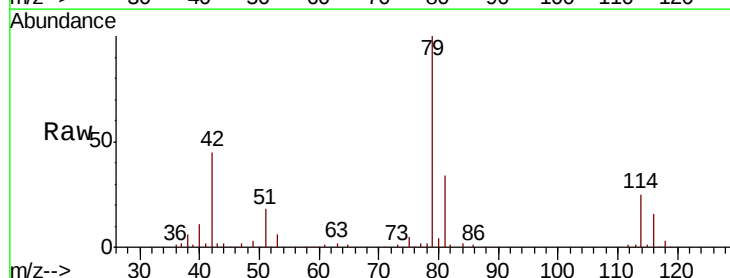
Acq: 29 Sep 2020 19:02

Tgt Ion: 75 Resp: 5183

Ion Ratio Lower Upper

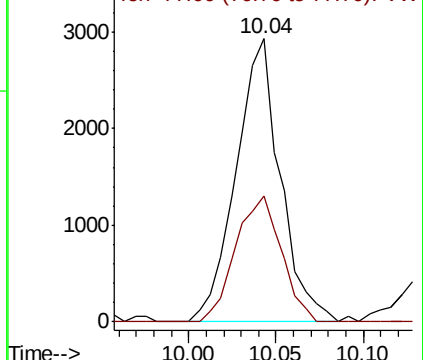
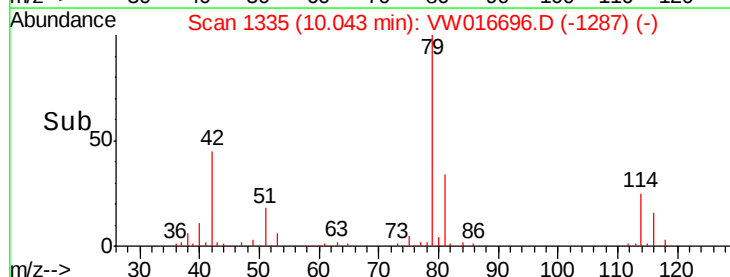
75 100

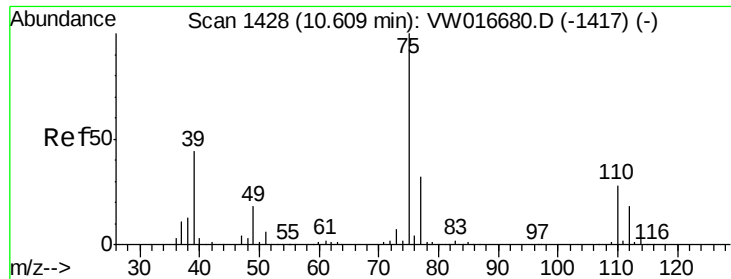
77 44.6 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016696.D

Acq: 29 Sep 2020 19:02

Instrument :

MSVOA_W

ClientSampleId :

C0AM5

Tot Ion: 75 Resp: 3357

Ion Ratio Lower Upper

75 100

77 41.0 22.5 41.9

