

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016690.D
 Acq On : 29 Sep 2020 16:39
 Operator : SY/VA
 Sample : L4184-15
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP1

Quant Time: Sep 30 07:17:14 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	618685	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	516050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	215535	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	116334	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
7) Chloroethane-d5	2.91	69	109200	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.32%
10) 1,1-Dichloroethene-d2	4.03	63	197704	14.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.08%
20) 2-Butanone-d5	7.09	46	73535	45.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.08%
24) Chloroform-d	7.66	84	317374	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.31	65	169026	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	8.28	84	604503	26.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.48%
33) 1,2-Dichloropropane-d6	9.28	67	171246	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.20%
37) Toluene-d8	10.33	98	555258	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.58	79	70005	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	10.93	63	59999	52.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137161	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	177416	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%

Target Compounds

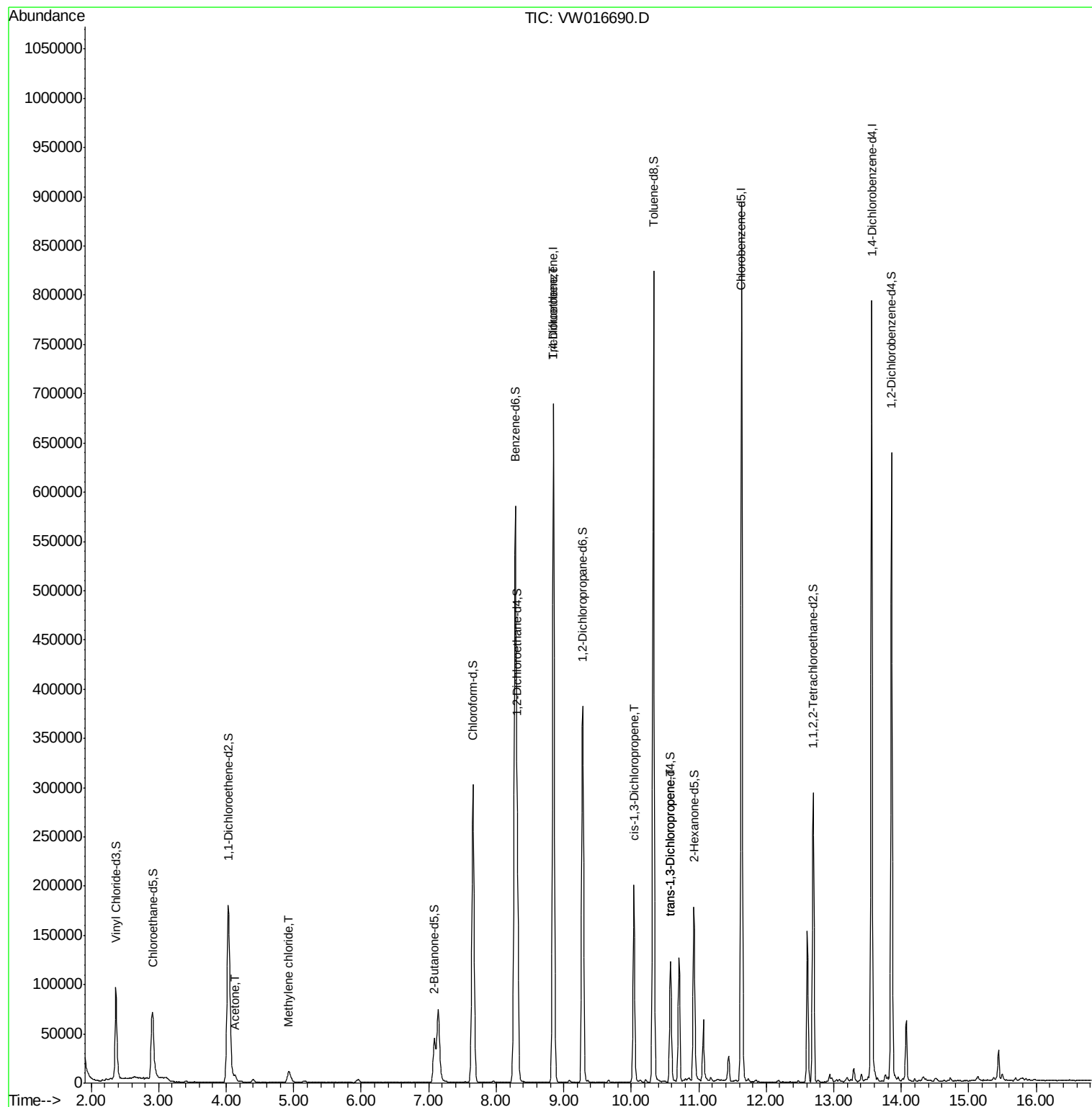
					Ovalue
13) Acetone	4.14	43	9962	7.789 ug/L	99
16) Methylene chloride	4.93	84	10478	1.098 ug/L	99
35) Trichloroethene	8.85	95	18146	2.268 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	5614	0.511 ug/L #	82
45) trans-1,3-Dichloropropene	10.58	75	3285	0.344 ug/L #	76

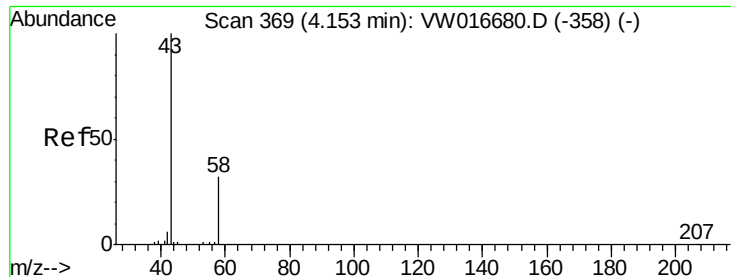
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.789 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016690.D

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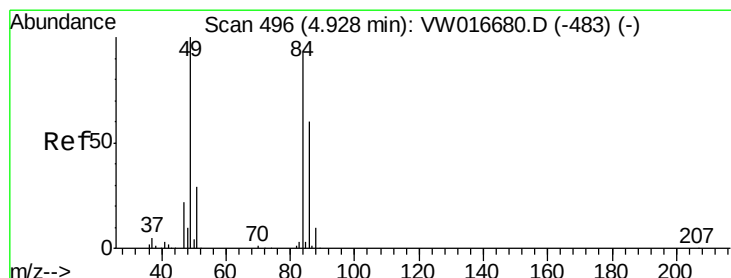
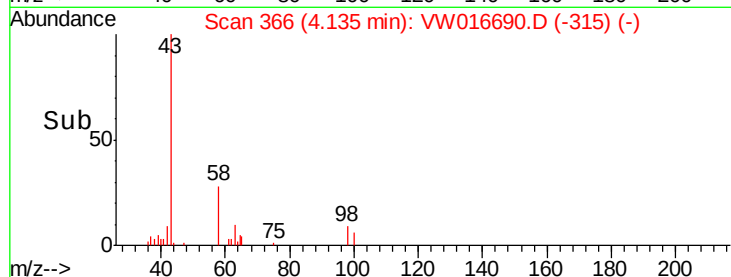
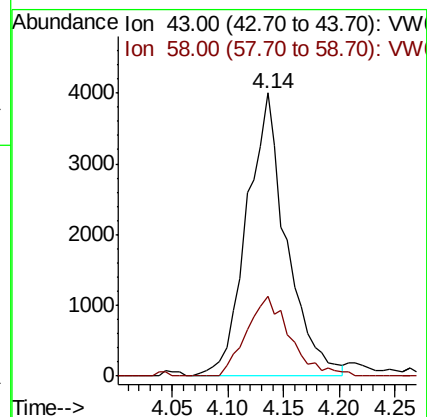
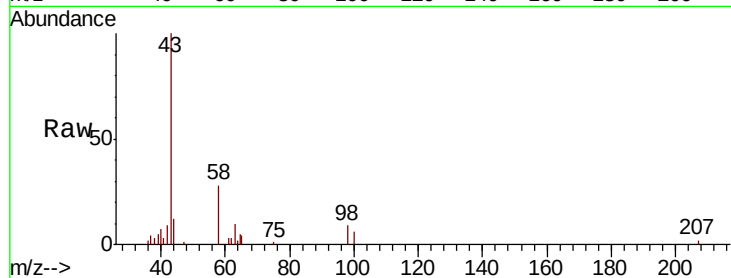
C0AP1

Tot Ion: 43 Resp: 9962

Ion Ratio Lower Upper

43 100

58 29.7 0.0 60.2



#16

Methylene chloride

Concen: 1.098 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

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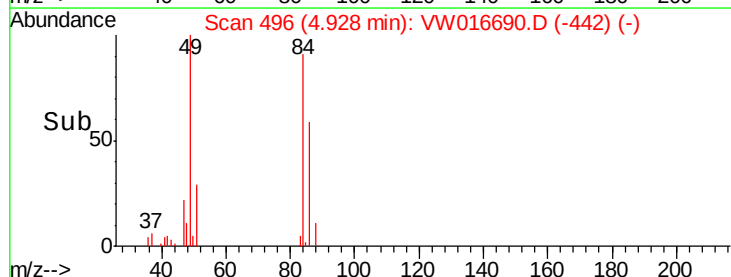
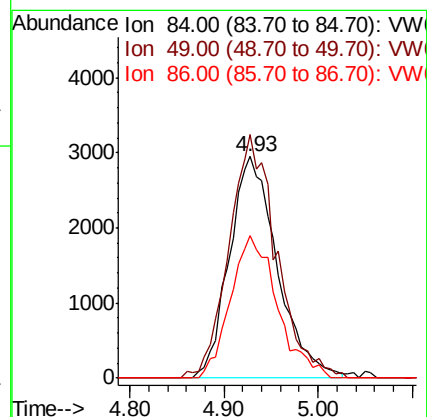
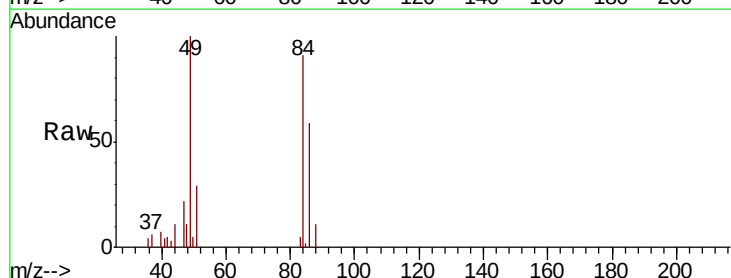
Tgt Ion: 84 Resp: 10478

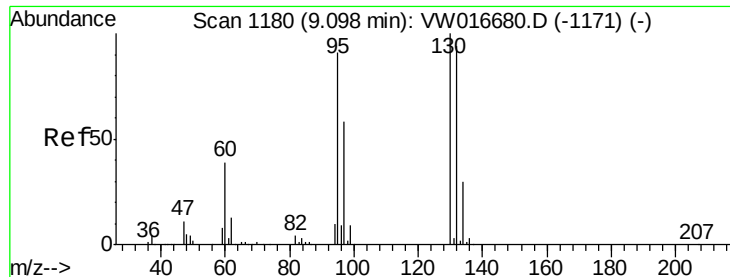
Ion Ratio Lower Upper

84 100

49 109.8 76.0 141.2

86 64.5 45.6 84.6





#35

Trichloroethene

Concen: 2.268 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016690.D

Acq: 29 Sep 2020 16:39

Instrument :

MSVOA_W

ClientSampleId :

C0AP1

Tot Ion: 95 Resp: 18146

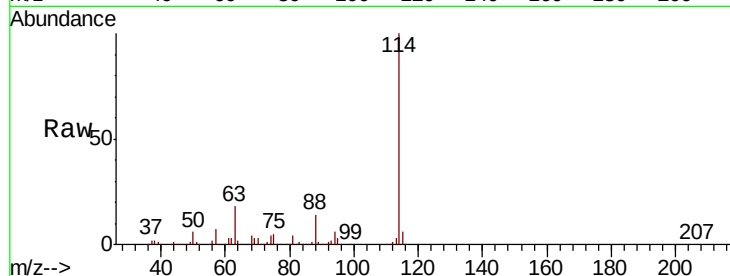
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

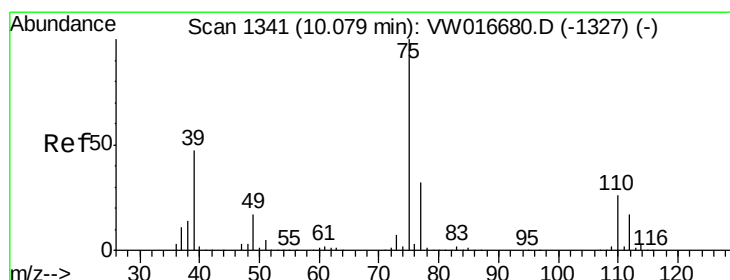
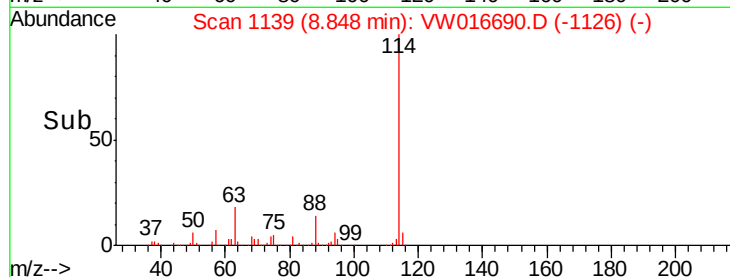
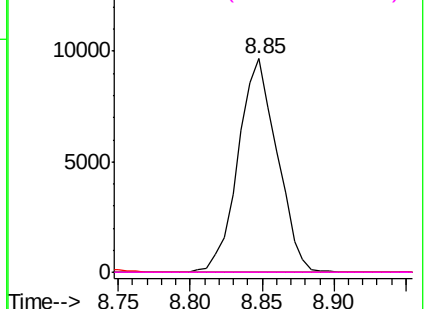


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016690.D

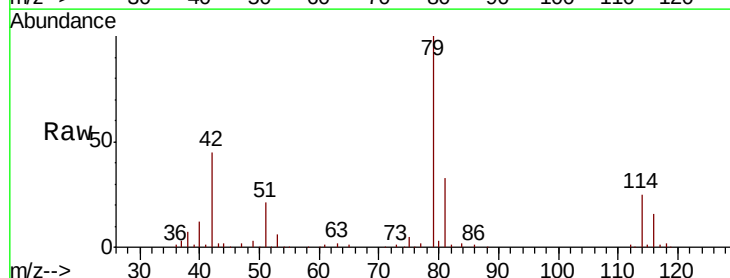
Acq: 29 Sep 2020 16:39

Tgt Ion: 75 Resp: 5614

Ion Ratio Lower Upper

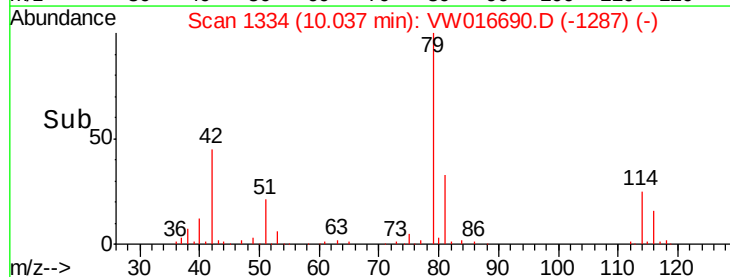
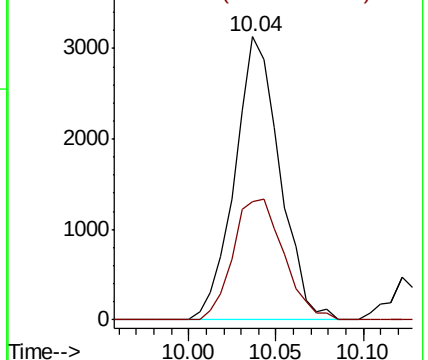
75 100

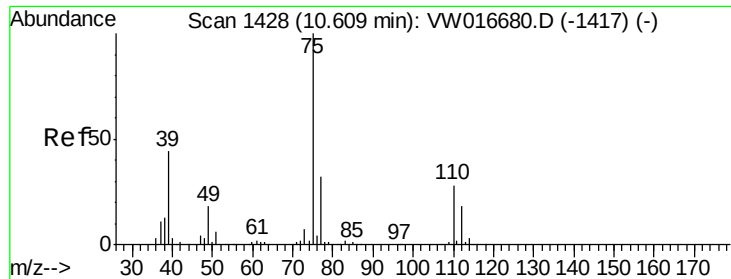
77 41.9 22.2 41.2#



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: 0.344 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016690.D

Acq: 29 Sep 2020 16:39

Instrument :

MSVOA_W

ClientSampleId :

C0AP1

Tot Ion: 75 Resp: 3285

Ion Ratio Lower Upper

75 100

77 45.4 22.5 41.9#

