

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016728.D
 Acq On : 01 Oct 2020 11:04
 Operator : SY/VA
 Sample : L4184-23
 Misc : 3.63G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:34:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	553852	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423950	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	103220	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.00%
7) Chloroethane-d5	2.91	69	111305	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.72%
10) 1,1-Dichloroethene-d2	4.03	63	189519	15.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.24%
20) 2-Butanone-d5	7.09	46	50555	34.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.18%
24) Chloroform-d	7.66	84	295828	25.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.12%
26) 1,2-Dichloroethane-d4	8.31	65	143833	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.28	84	562550	29.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.36%
33) 1,2-Dichloropropane-d6	9.28	67	158474	30.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.04%#
37) Toluene-d8	10.33	98	496490	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.16%
38) trans-1,3-Dichloropropene-	10.59	79	54893	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.52%
39) 2-Hexanone-d5	10.93	63	42166	44.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98757	22.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	110864	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

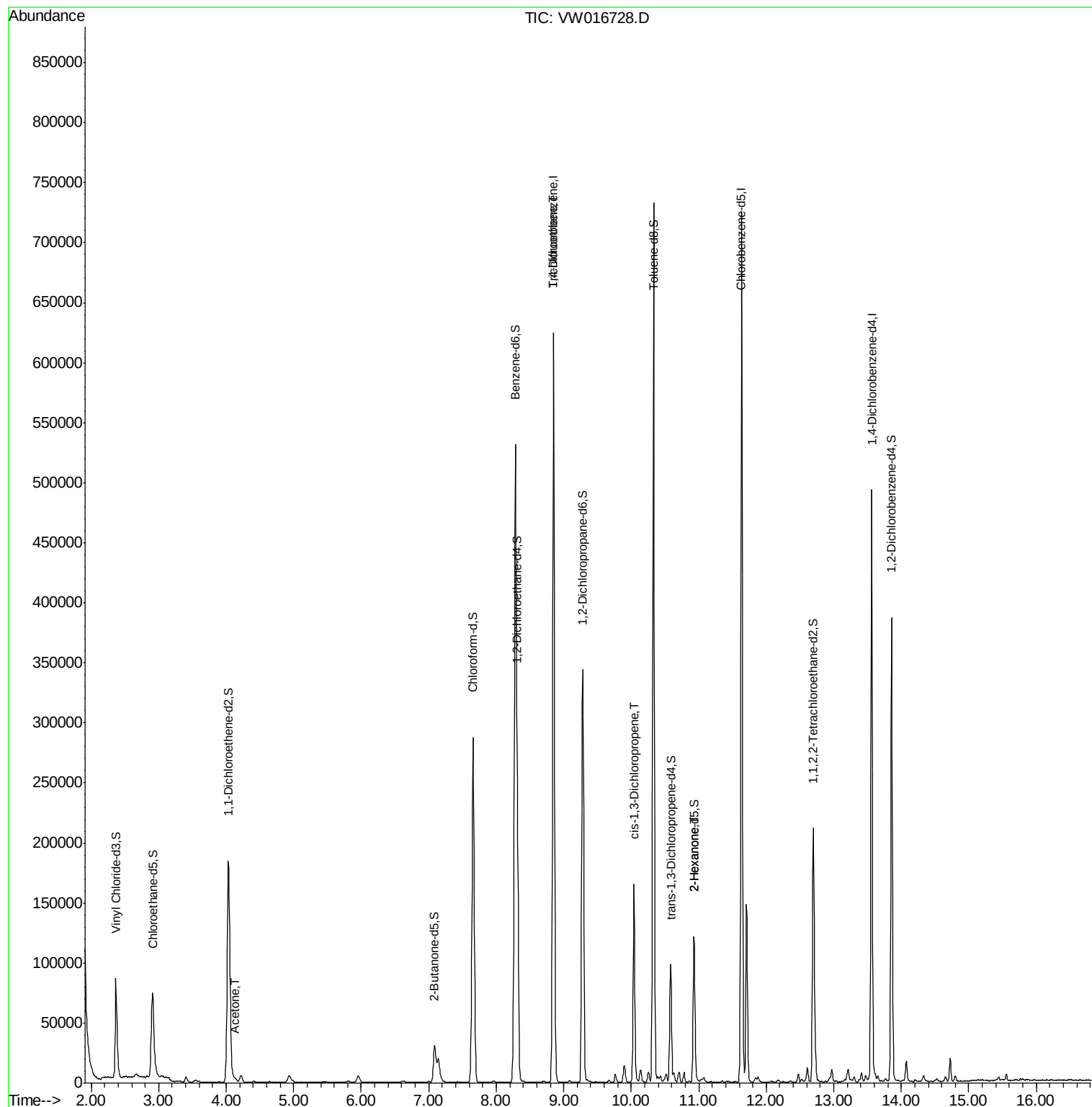
					Ovalue
13) Acetone	4.14	43	3698	3.230 ug/L	85
35) Trichloroethene	8.85	95	16503	2.510 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4544	0.503 ug/L #	73
49) 2-Hexanone	10.93	43	6155	2.888 ug/L #	64

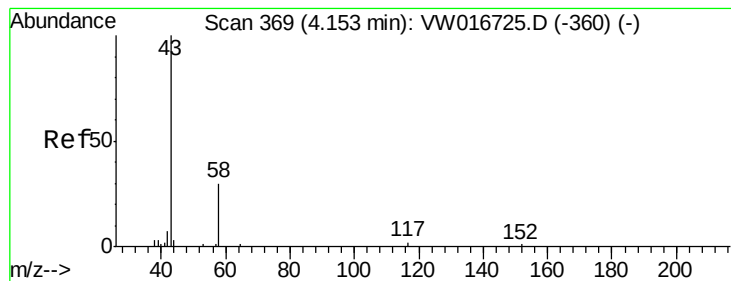
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.230 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016728.D

Acq: 01 Oct 2020 11:04

Instrument :

MSVOA_W

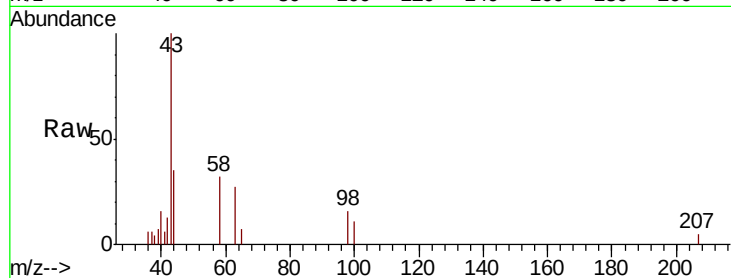
ClientSampleId :

Tot Ion: 43 Resp: 3698

Ion Ratio Lower Upper

43 100

58 22.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

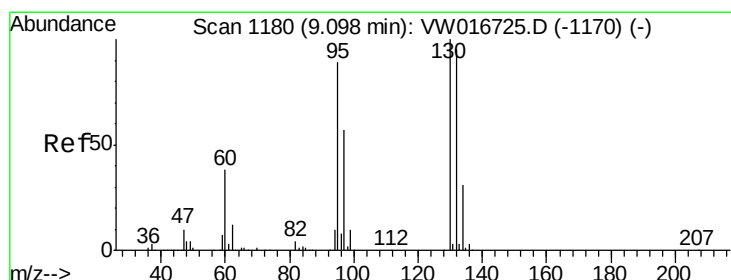
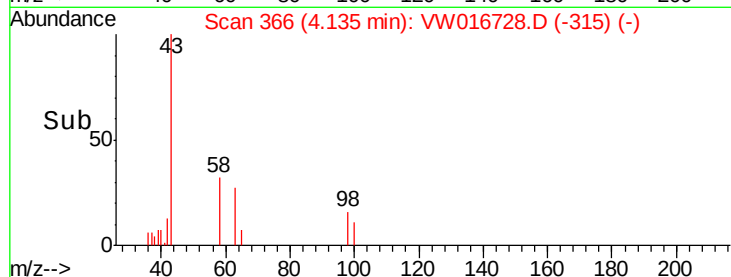
1500

1000

500

0

Time--> 4.05 4.10 4.15 4.20



#35

Trichloroethene

Concen: 2.510 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

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Acq: 01 Oct 2020 11:04

Tgt Ion: 95 Resp: 16503

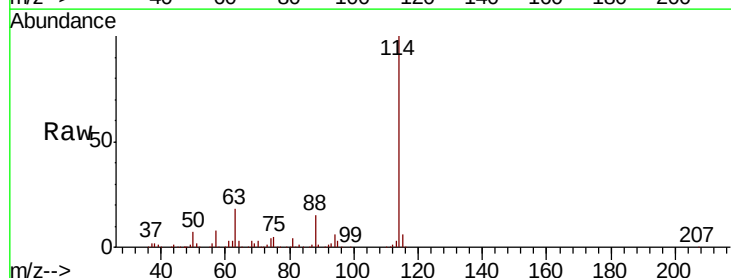
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.4 73.3 136.1#

130 0.6 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

8.85

12000

10000

8000

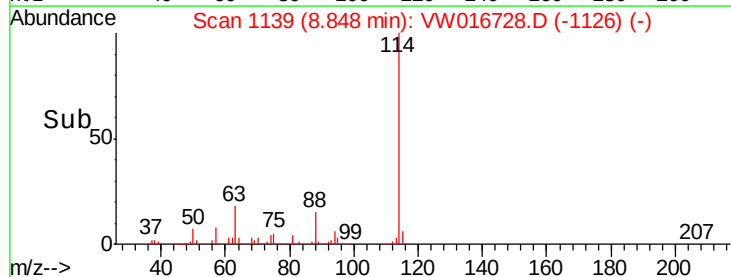
6000

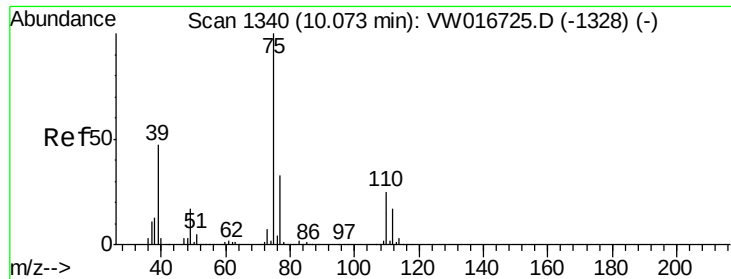
4000

2000

0

Time--> 8.80 8.85 8.90





#42

cis-1,3-Dichloropropene

Concen: 0.503 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016728.D

Acq: 01 Oct 2020 11:04

Instrument :

MSVOA_W

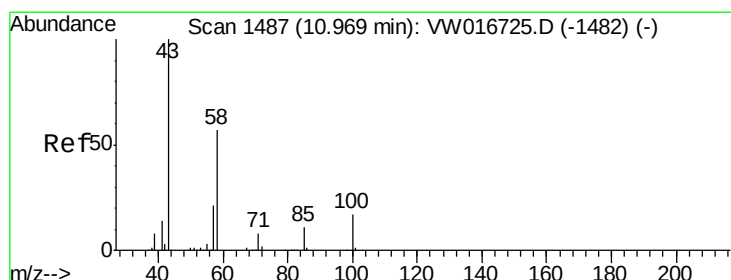
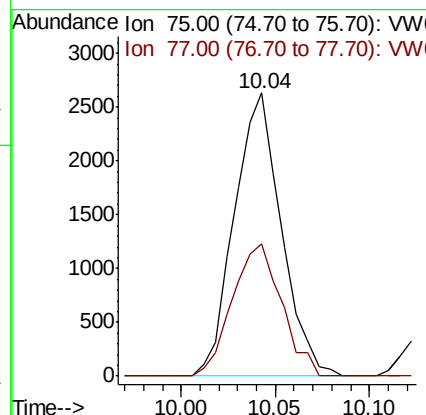
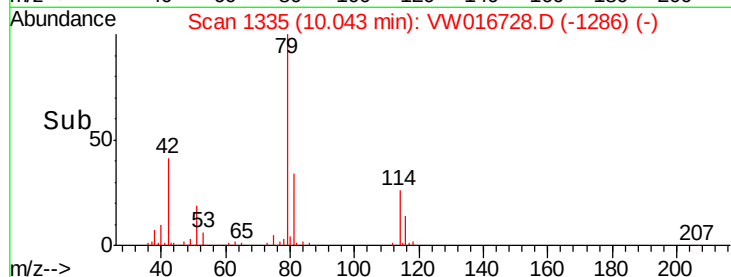
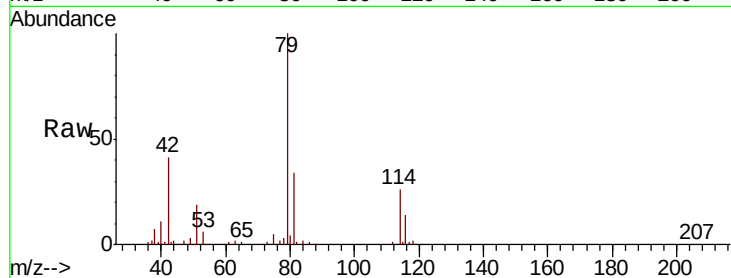
ClientSampleId :

Tot Ion: 75 Resp: 4544

Ion Ratio Lower Upper

75 100

77 46.9 22.2 41.2#



#49

2-Hexanone

Concen: 2.888 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016728.D

Acq: 01 Oct 2020 11:04

Tgt Ion: 43 Resp: 6155

Ion Ratio Lower Upper

43 100

58 22.8 44.2 66.2#

57 25.8 16.3 24.5#

100 0.0 12.4 18.6#

