

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016758.D
 Acq On : 02 Oct 2020 13:05
 Operator : SY/VA
 Sample : L4201-19
 Misc : 4.05G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:56:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	629561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	519455	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205023	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	106319	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
7) Chloroethane-d5	2.90	69	107076	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
10) 1,1-Dichloroethene-d2	4.03	63	180741	13.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.08%
20) 2-Butanone-d5	7.09	46	67335	40.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.06%
24) Chloroform-d	7.66	84	318183	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	8.31	65	164182	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	8.28	84	603166	25.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.56%
33) 1,2-Dichloropropane-d6	9.28	67	178042	28.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.80%
37) Toluene-d8	10.33	98	539434	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.16%
38) trans-1,3-Dichloropropene-	10.59	79	65507	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.32%
39) 2-Hexanone-d5	10.93	63	56067	48.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141167	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	164284	25.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.32%

Target Compounds

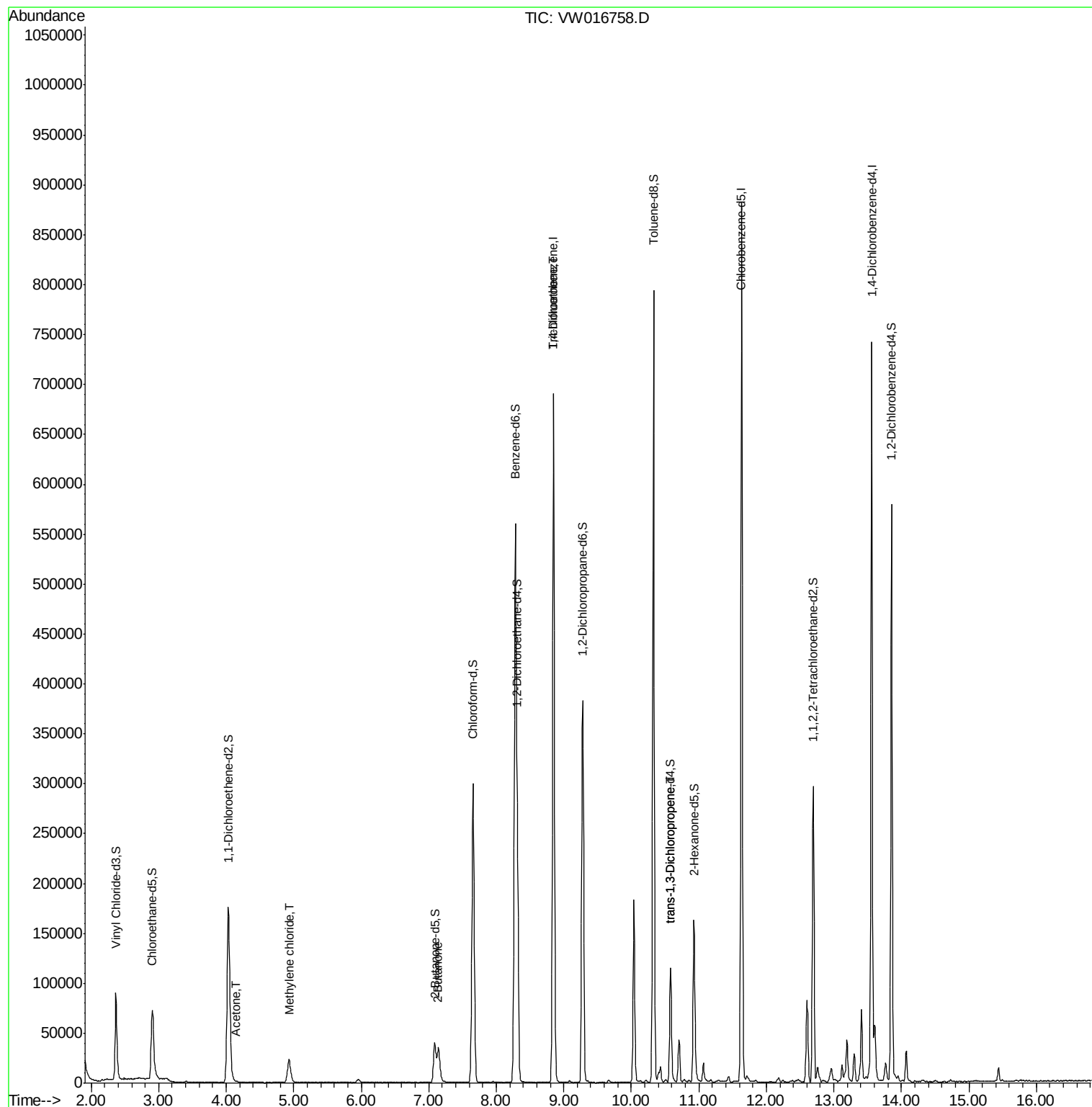
					Ovalue
13) Acetone	4.14	43	1525	1.172 ug/L	72
16) Methylene chloride	4.93	84	20175	2.078 ug/L	100
21) 2-Butanone	7.15	43	7202	3.253 ug/L #	47
35) Trichloroethene	8.85	95	17923	2.225 ug/L #	2
45) trans-1,3-Dichloropropene	10.58	75	3091	0.321 ug/L	95

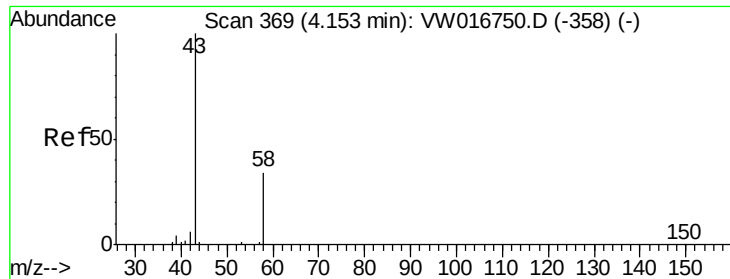
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.172 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016758.D

Acq: 02 Oct 2020 13:05

Instrument :

MSVOA_W

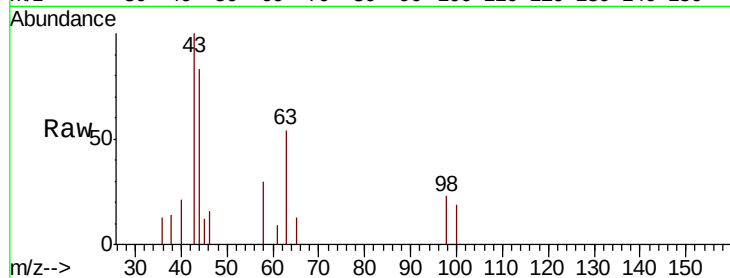
ClientSampleId :

Tot Ion: 43 Resp: 1525

Ion Ratio Lower Upper

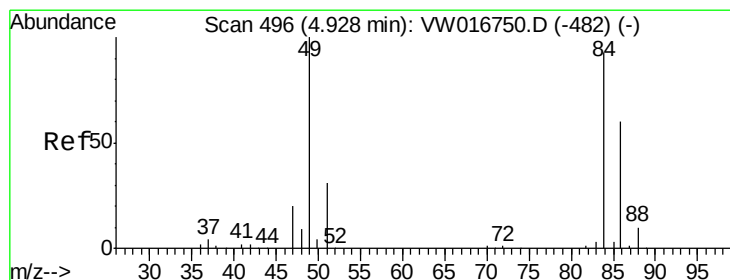
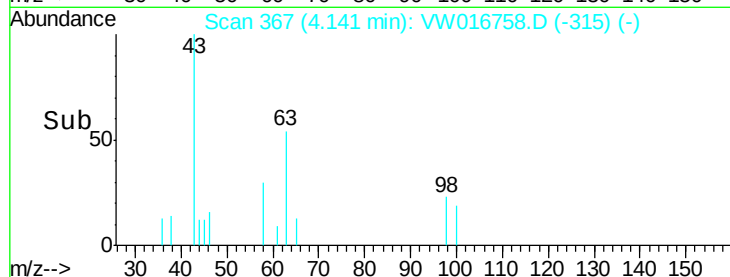
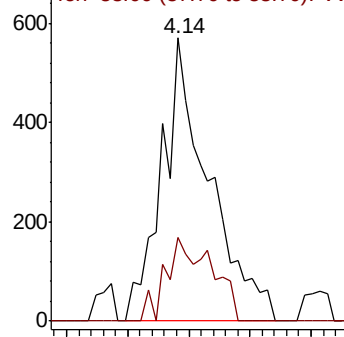
43 100

58 14.8 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.078 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016758.D

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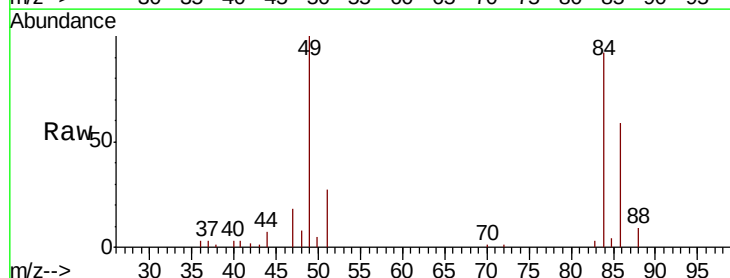
Tgt Ion: 84 Resp: 20175

Ion Ratio Lower Upper

84 100

49 108.7 76.0 141.2

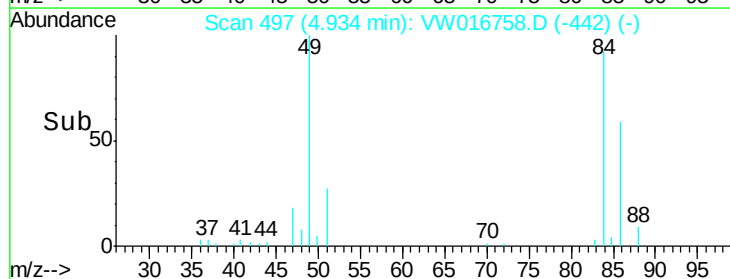
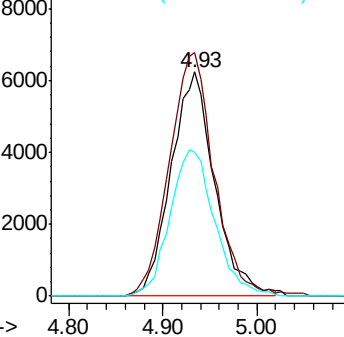
86 64.2 45.6 84.6

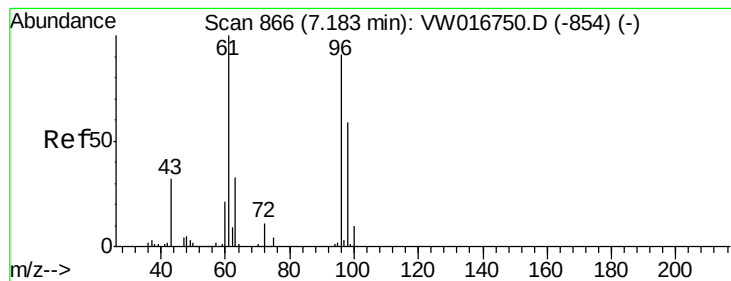


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 3.253 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

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Acq: 02 Oct 2020 13:05

Instrument :

MSVOA_W

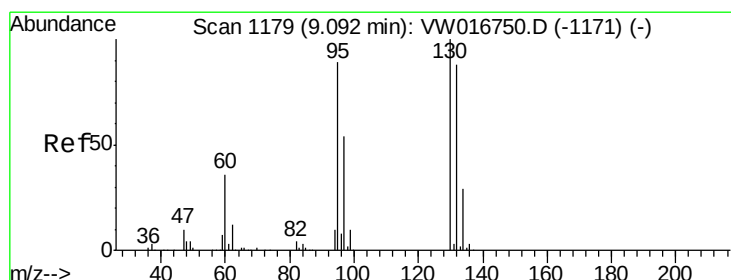
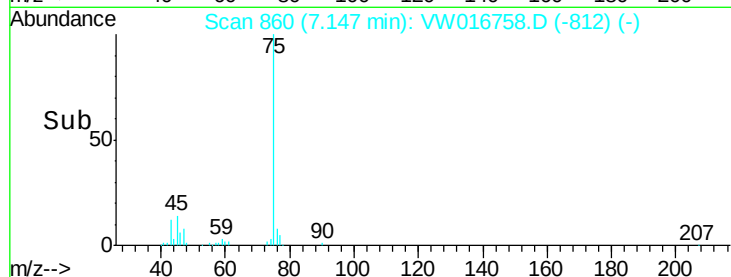
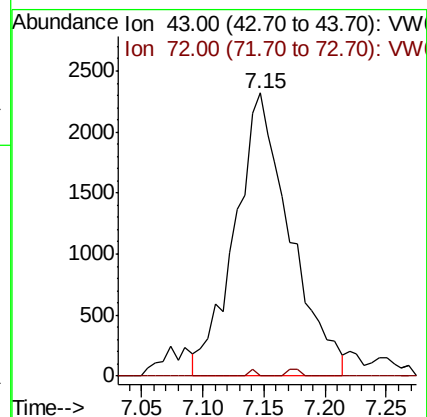
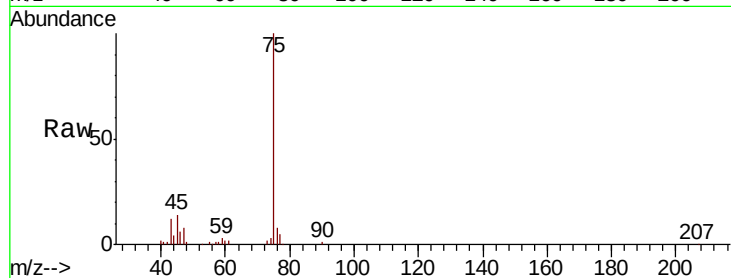
ClientSampled :

Tot Ion: 43 Resp: 7202

Ion Ratio Lower Upper

43 100

72 0.6 14.6 43.8#



#35

Trichloroethene

Concen: 2.225 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016758.D

Acq: 02 Oct 2020 13:05

Tgt Ion: 95 Resp: 17923

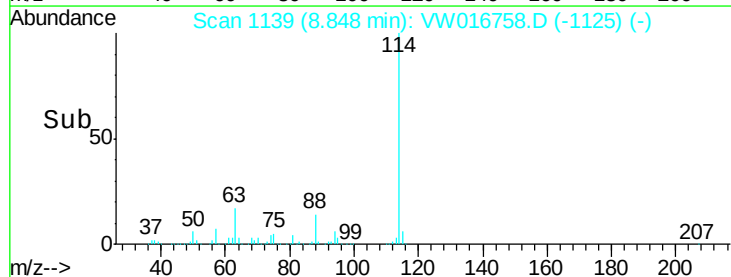
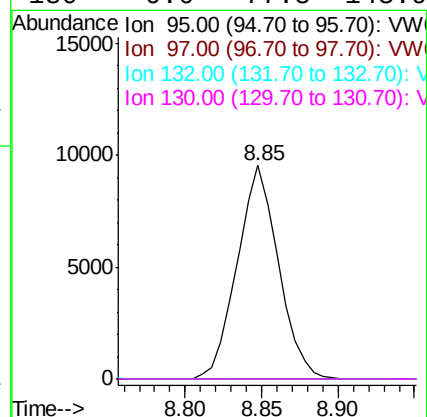
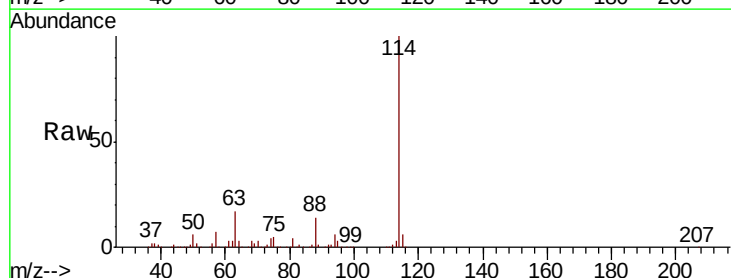
Ion Ratio Lower Upper

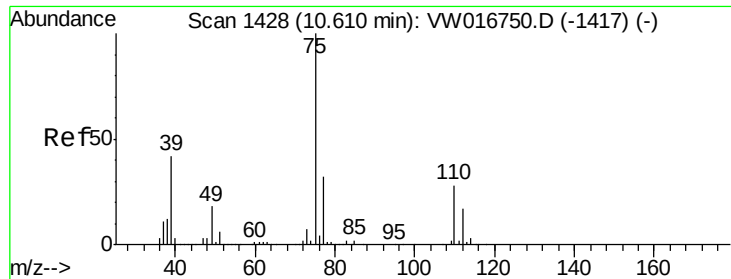
95 100

97 0.0 45.2 84.0#

132 0.2 73.3 136.1#

130 0.0 77.5 143.9#





#45

trans-1,3-Dichloropropene

Concen: 0.321 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016758.D

Acq: 02 Oct 2020 13:05

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3091

Ion Ratio Lower Upper

75 100

77 34.9 22.5 41.9

