

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016767.D
 Acq On : 02 Oct 2020 16:56
 Operator : SY/VA
 Sample : L4235-13
 Misc : 4.46G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:57:45 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	631669	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	553958	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	245992	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	96088	15.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.88%
7) Chloroethane-d5	2.90	69	96690	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
10) 1,1-Dichloroethene-d2	4.03	63	167755	12.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.08%
20) 2-Butanone-d5	7.09	46	57751	34.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.28%
24) Chloroform-d	7.65	84	292634	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	8.31	65	138921	20.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.92%
29) Benzene-d6	8.28	84	552577	22.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.96%
33) 1,2-Dichloropropane-d6	9.28	67	157952	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.33	98	512906	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.58	79	57213	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.44%
39) 2-Hexanone-d5	10.93	63	46792	38.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119132	20.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	190626	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

Target Compounds

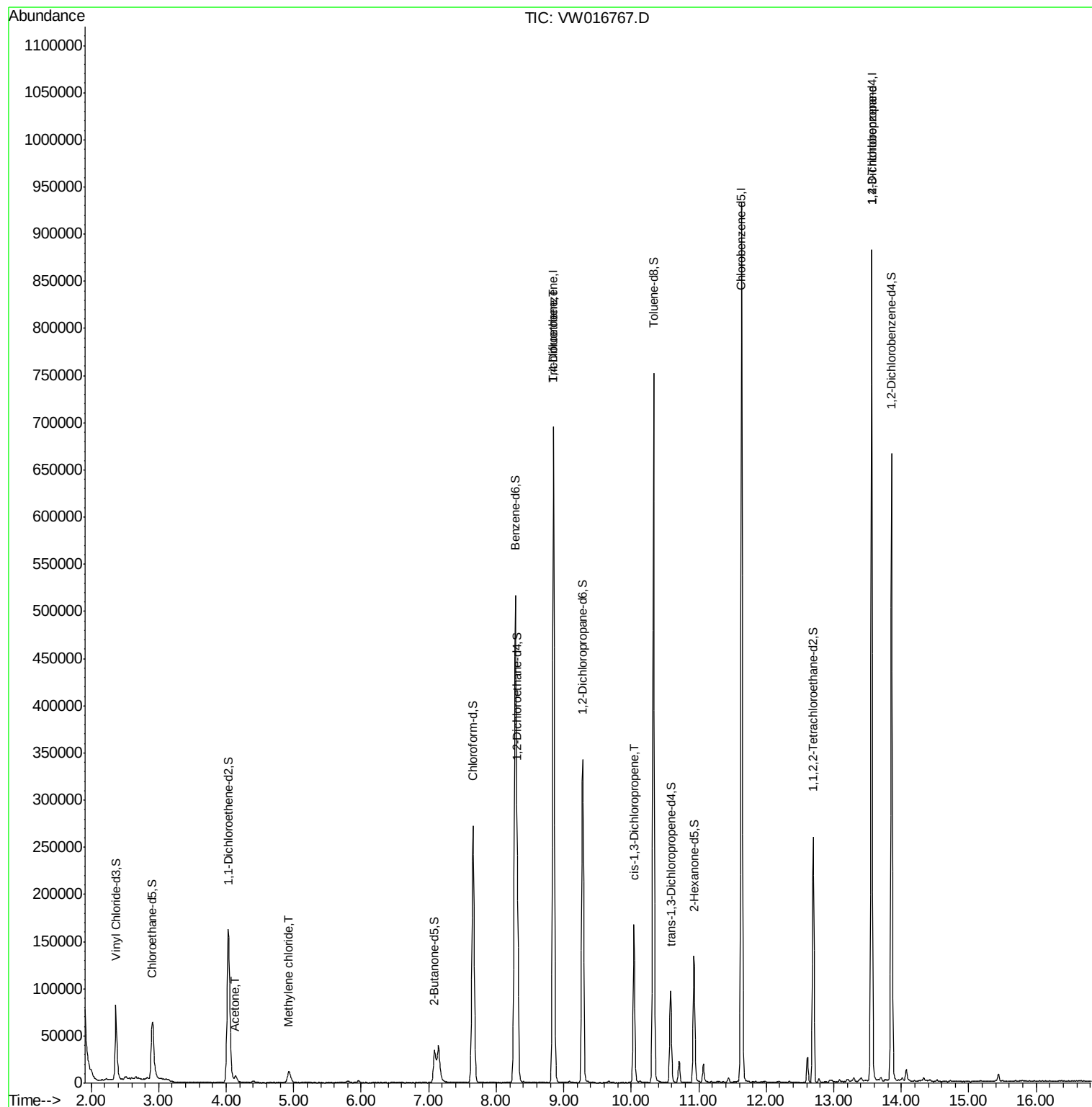
					Ovalue
13) Acetone	4.14	43	10837	8.299 ug/L	92
16) Methylene chloride	4.93	84	11147	1.144 ug/L	94
35) Trichloroethene	8.85	95	18075	2.104 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4322	0.366 ug/L #	71
59) 1,2,3-Trichloropropane	13.56	75	25553	5.273 ug/L	92

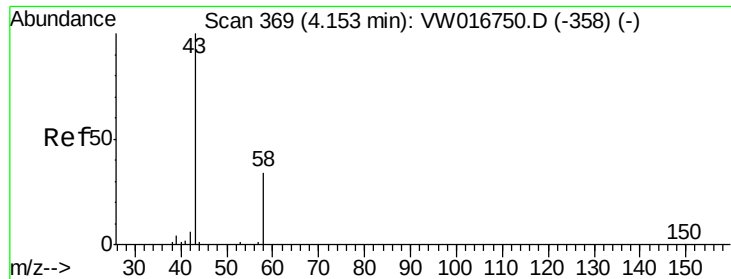
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.299 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016767.D

Acq: 02 Oct 2020 16:56

Instrument :

MSVOA_W

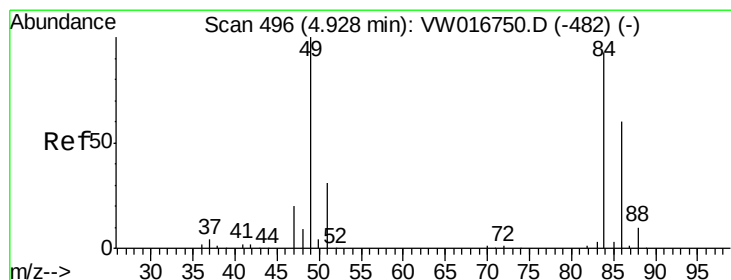
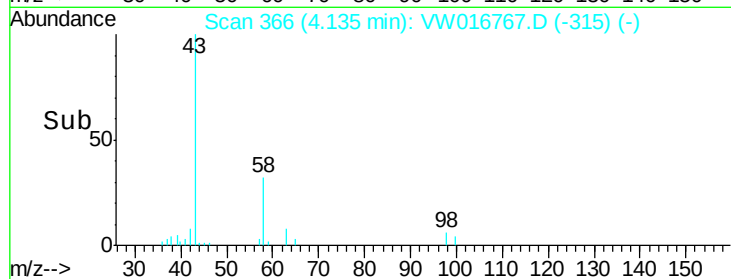
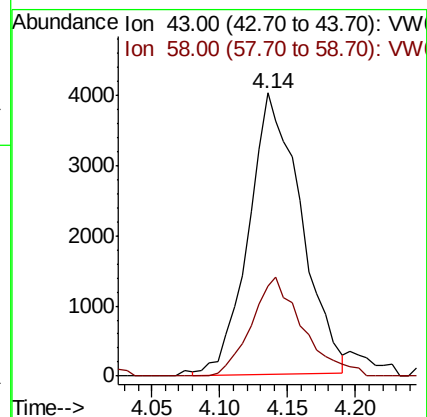
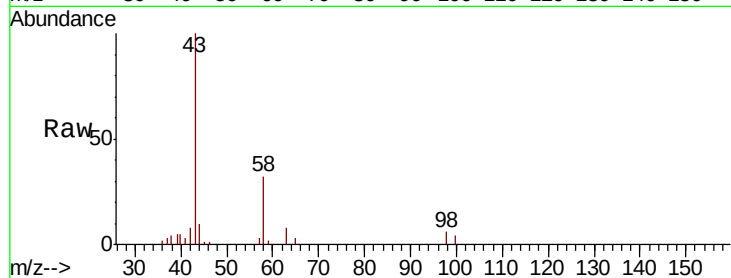
ClientSampleId :

Tot Ion: 43 Resp: 10837

Ion Ratio Lower Upper

43 100

58 34.4 0.0 60.2



#16

Methylene chloride

Concen: 1.144 ug/L

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VW016767.D

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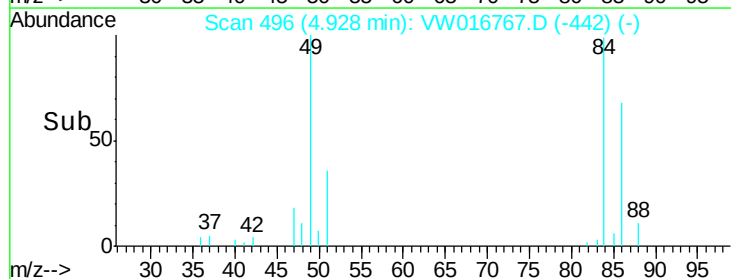
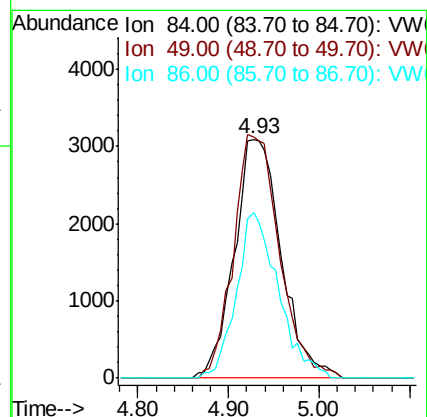
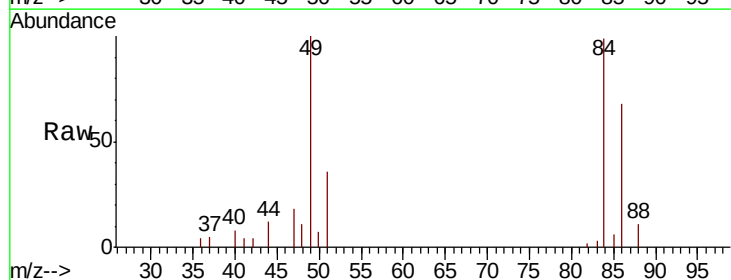
Tgt Ion: 84 Resp: 11147

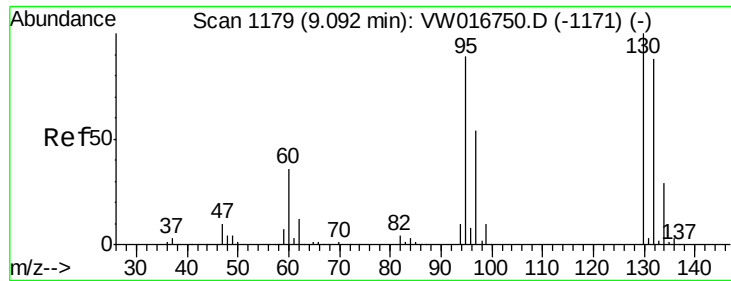
Ion Ratio Lower Upper

84 100

49 101.1 76.0 141.2

86 69.2 45.6 84.6

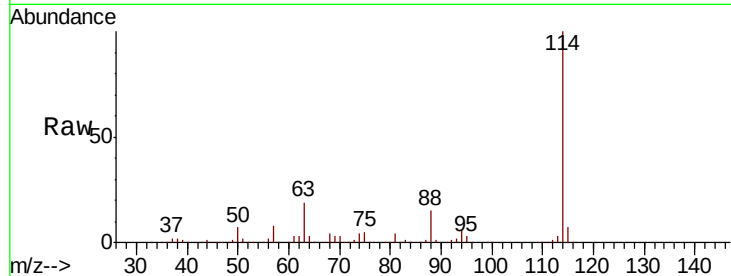




#35
 Trichloroethene
 Concen: 2.104 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW016767.D
 Acq: 02 Oct 2020 16:56

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	95	Resp	18075
Ion Ratio	100		
Lower		45.2	
Upper		84.0#	
132	0.0	73.3	136.1#
130	0.0	77.5	143.9#

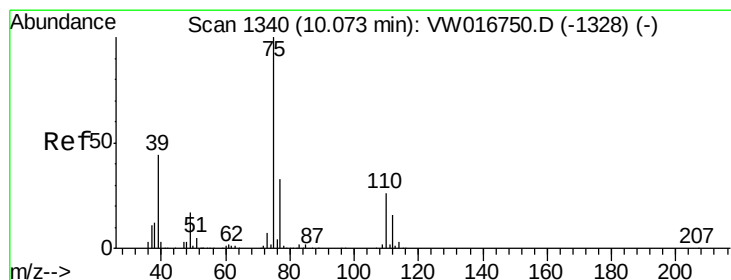
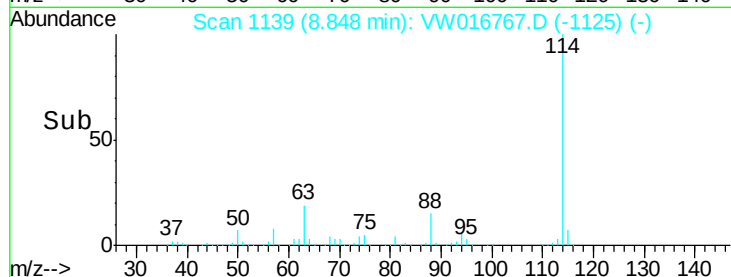
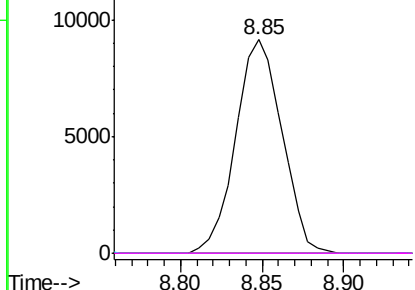


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

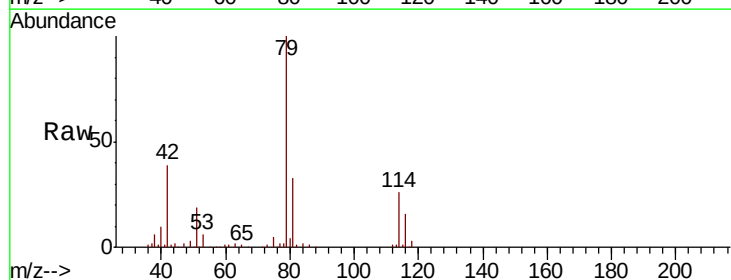
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



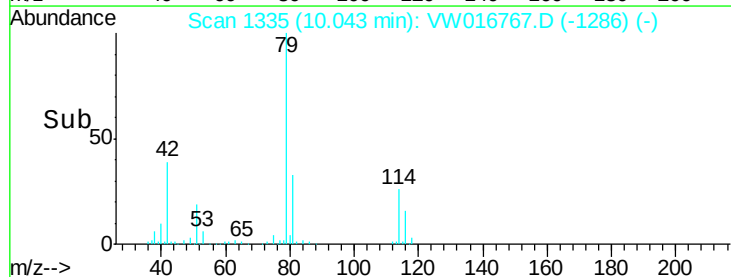
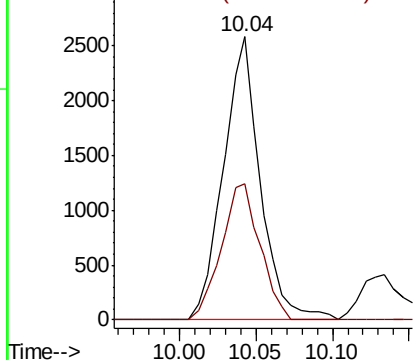
#42
 cis-1,3-Dichloropropene
 Concen: 0.366 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016767.D
 Acq: 02 Oct 2020 16:56

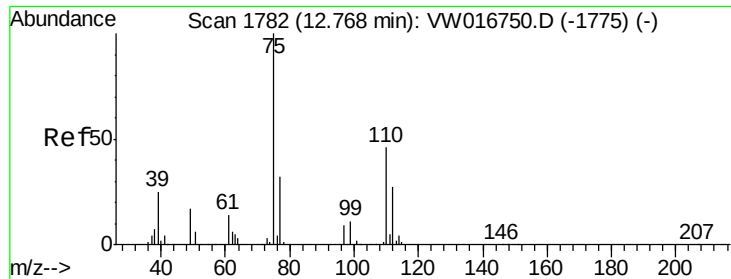
Tgt Ion	75	Resp	4322
Ion Ratio	100		
Lower		22.2	
Upper		41.2#	
77	47.9		



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.273 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016767.D

Acq: 02 Oct 2020 16:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 25553

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.4

