

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016755.D
 Acq On : 02 Oct 2020 11:54
 Operator : SY/VA
 Sample : L4201-16
 Misc : 5.85G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:56:21 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	637602	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	578208	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264769	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105247	17.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.20%
7) Chloroethane-d5	2.91	69	104539	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
10) 1,1-Dichloroethene-d2	4.03	63	180578	13.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.36%
20) 2-Butanone-d5	7.09	46	77474	46.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.08%
24) Chloroform-d	7.66	84	317536	23.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	8.31	65	160994	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.04%
29) Benzene-d6	8.28	84	595087	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.28	67	174723	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.44%
37) Toluene-d8	10.33	98	551119	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.40%
38) trans-1,3-Dichloropropene-	10.59	79	69018	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.92%
39) 2-Hexanone-d5	10.93	63	62824	49.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152608	25.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	213348	25.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.88%

Target Compounds

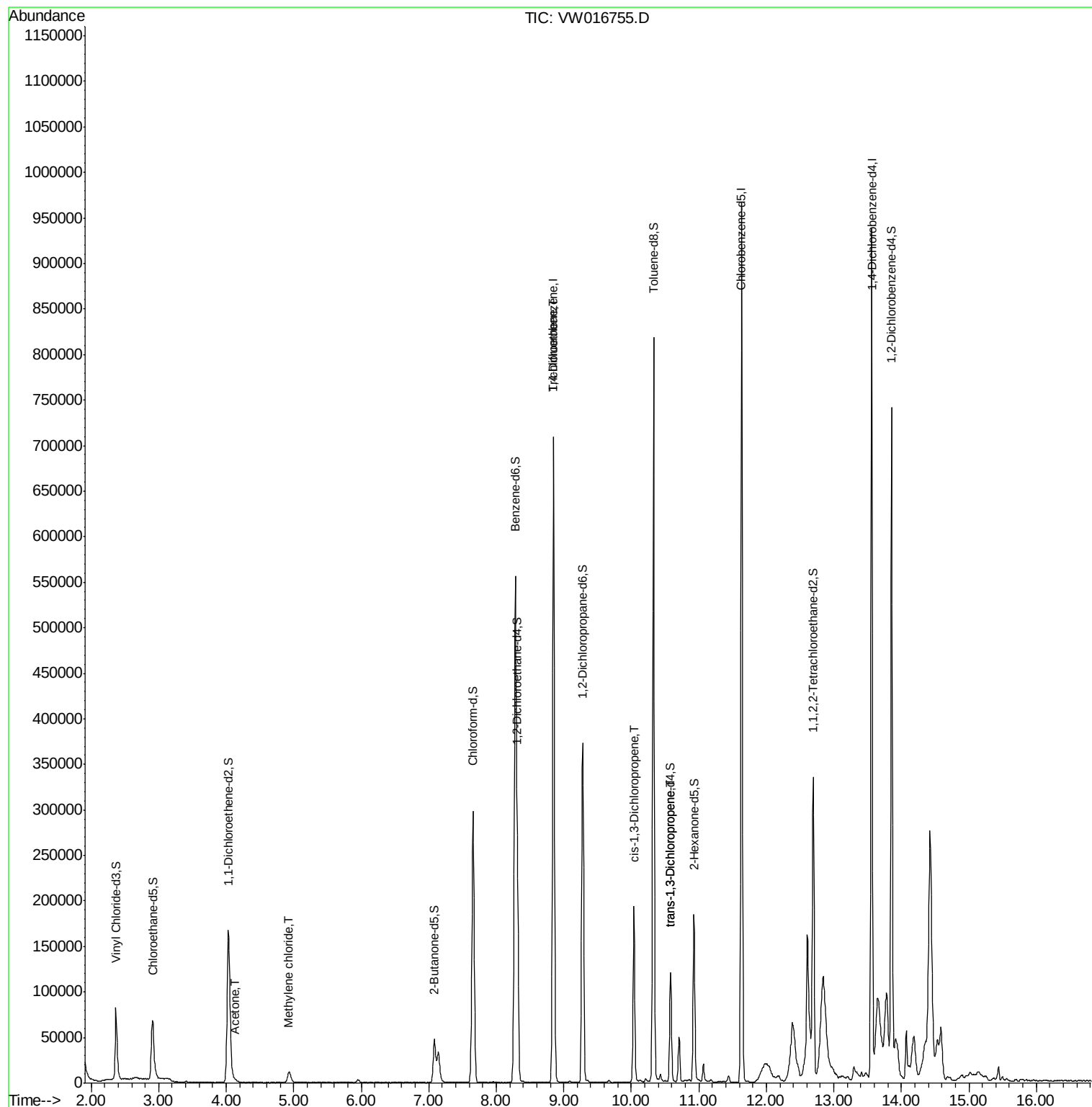
					Ovalue
13) Acetone	4.14	43	4402	3.340 ug/L	89
16) Methylene chloride	4.93	84	11452	1.165 ug/L	82
35) Trichloroethene	8.85	95	18689	2.084 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	5551	0.451 ug/L	87
45) trans-1,3-Dichloropropene	10.59	75	3384	0.316 ug/L	88

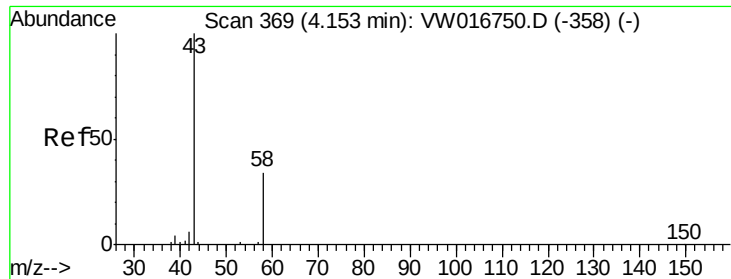
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.340 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

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Acq: 02 Oct 2020 11:54

Instrument :

MSVOA_W

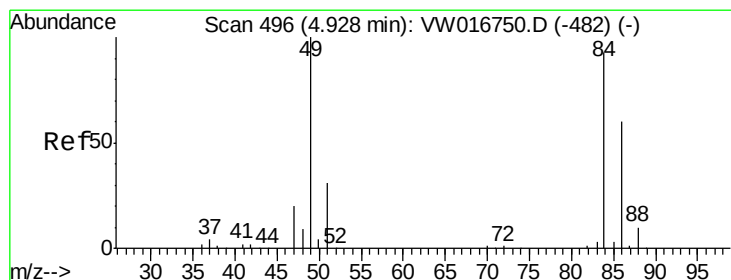
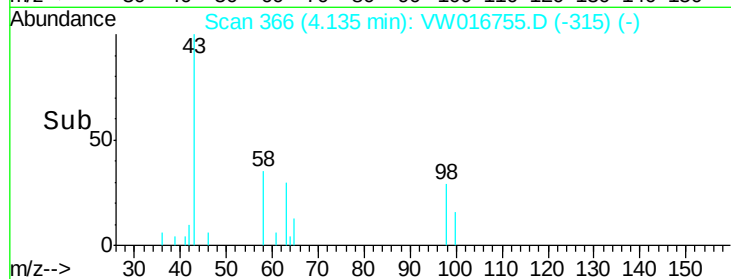
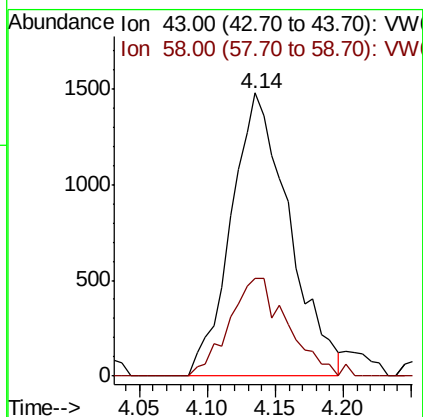
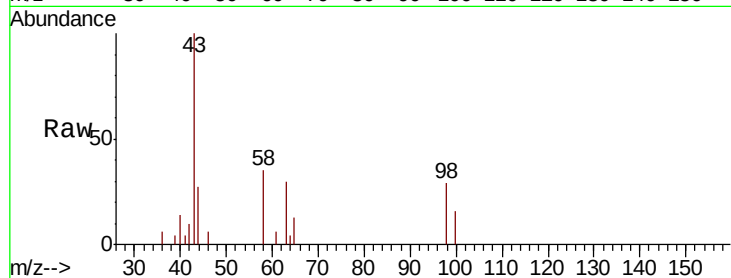
ClientSampleId :

Tot Ion: 43 Resp: 4402

Ion Ratio Lower Upper

43 100

58 24.3 0.0 60.2



#16

Methylene chloride

Concen: 1.165 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016755.D

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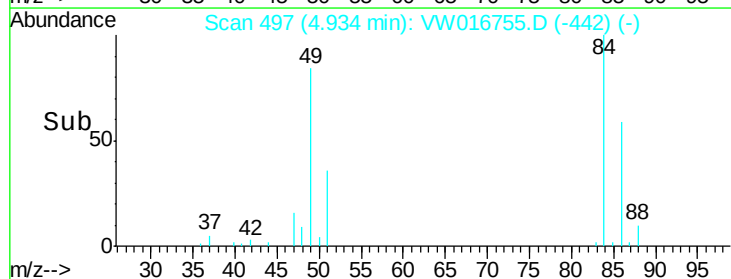
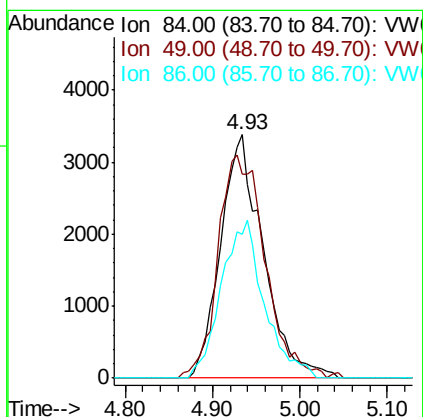
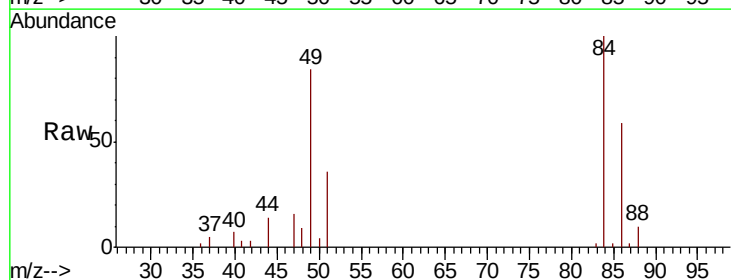
Tgt Ion: 84 Resp: 11452

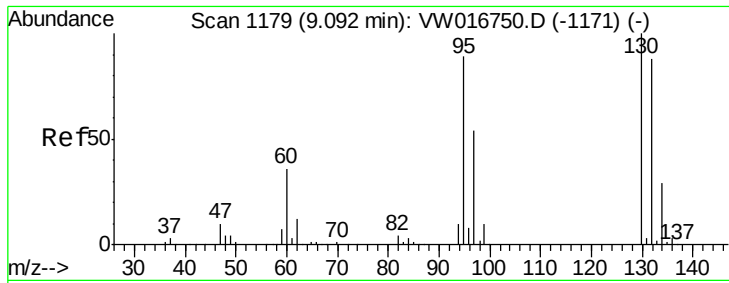
Ion Ratio Lower Upper

84 100

49 83.7 76.0 141.2

86 58.9 45.6 84.6

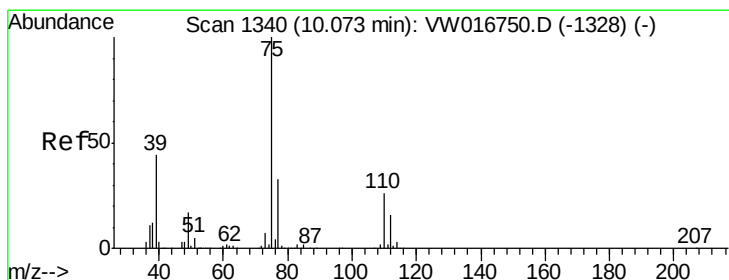
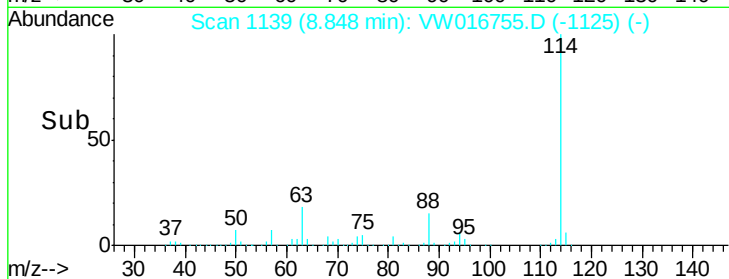
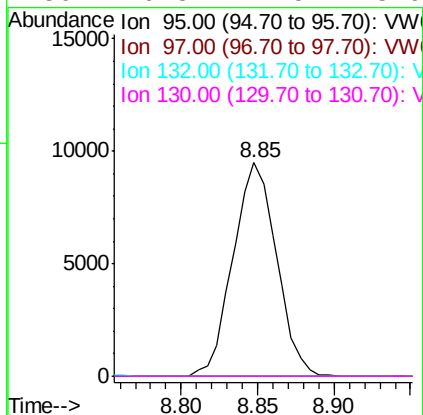
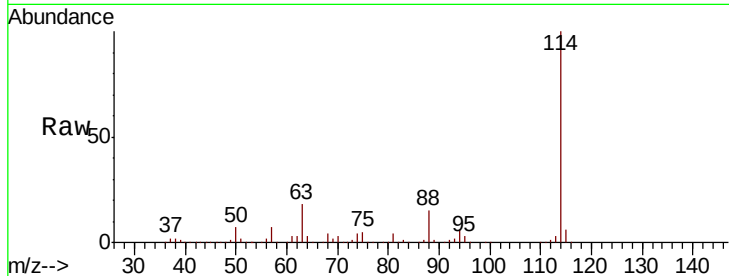




#35
 Trichloroethene
 Concen: 2.084 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW016755.D
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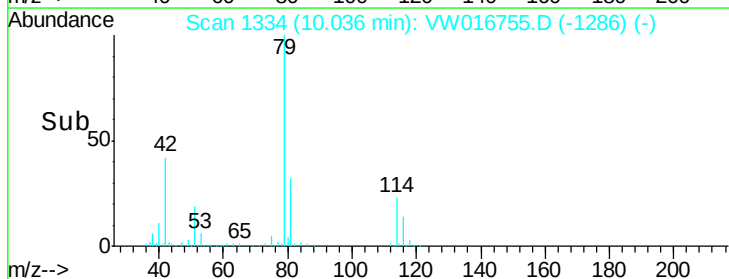
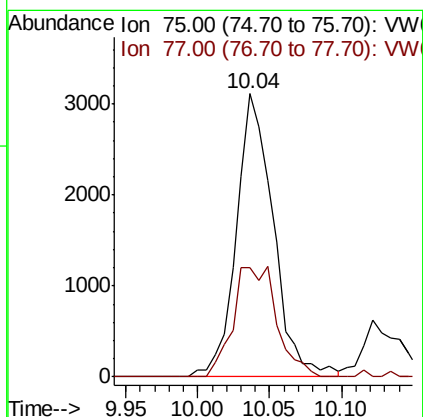
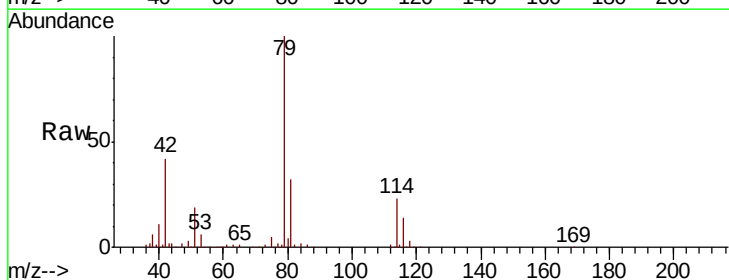
Instrument :
 MSVOA_W
 ClientSampled :

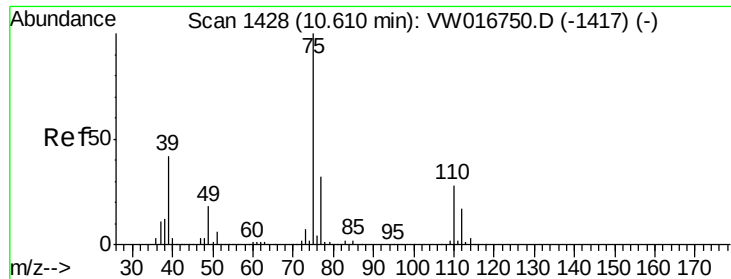
Tot Ion	95	Resp	18689
Ion Ratio	Lower	Upper	
95	100		
97	0.1	45.2	84.0#
132	0.0	73.3	136.1#
130	0.3	77.5	143.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.451 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016755.D
 Acq: 02 Oct 2020 11:54

Tgt Ion	75	Resp	5551
Ion Ratio	Lower	Upper	
75	100		
77	38.8	22.2	41.2





#45

trans-1,3-Dichloropropene

Concen: 0.316 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016755.D

Acq: 02 Oct 2020 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3384

Ion Ratio Lower Upper

75 100

77 38.8 22.5 41.9

