

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016737.D
 Acq On : 01 Oct 2020 14:52
 Operator : SY/VA
 Sample : L4201-07
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:35:29 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	662986	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	573581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	275198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	115218	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
7) Chloroethane-d5	2.91	69	112008	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.52%
10) 1,1-Dichloroethene-d2	4.03	63	196425	13.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.76%
20) 2-Butanone-d5	7.09	46	63973	36.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.12%
24) Chloroform-d	7.65	84	313467	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.31	65	151314	21.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.00%
29) Benzene-d6	8.28	84	612478	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.28	67	171128	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.20%
37) Toluene-d8	10.33	98	577442	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
38) trans-1,3-Dichloropropene-	10.58	79	65373	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.40%
39) 2-Hexanone-d5	10.93	63	50161	39.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128547	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	211212	24.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.08%

Target Compounds

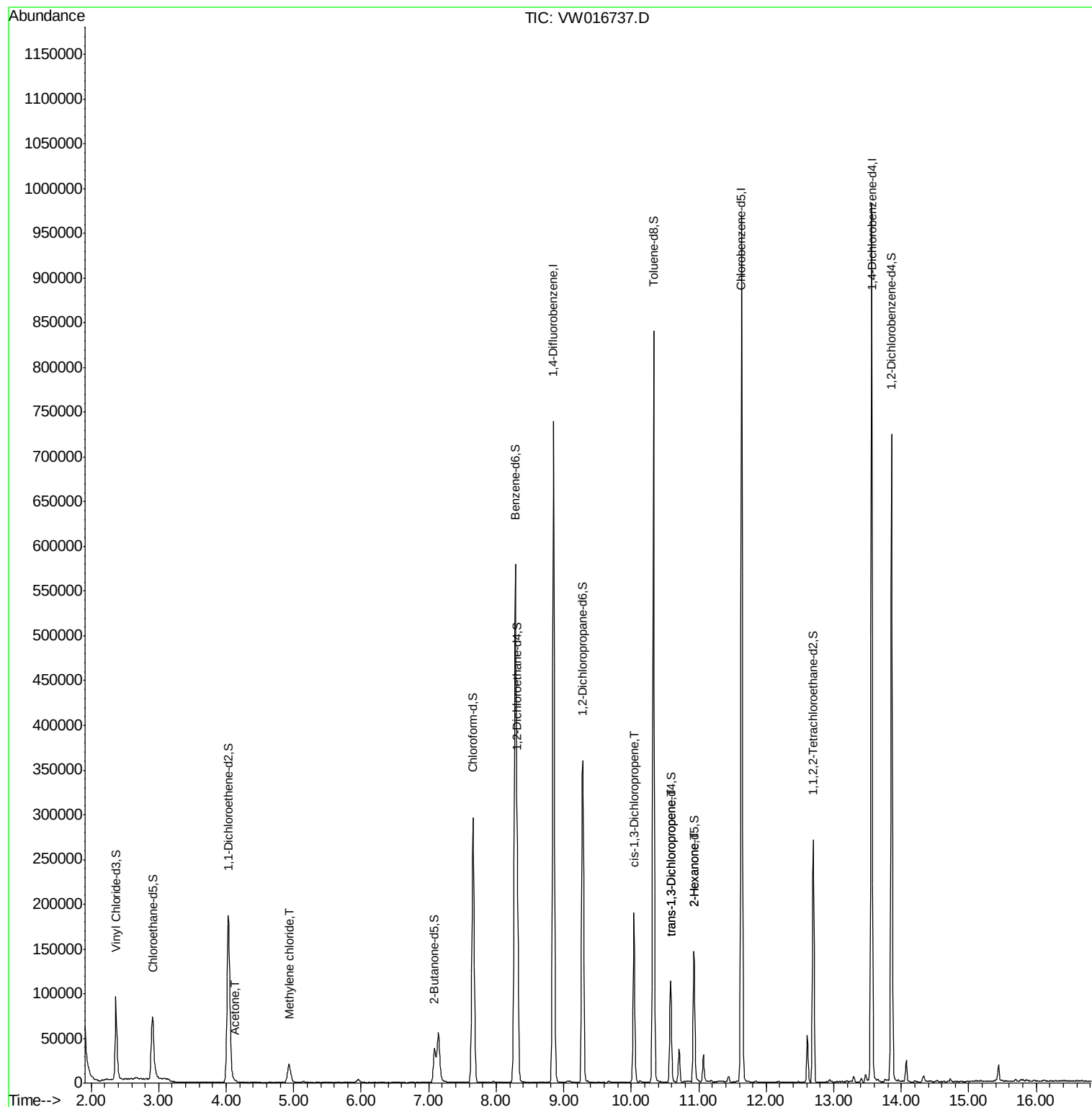
					Ovalue
13) Acetone	4.14	43	2660	1.941 ug/L	82
16) Methylene chloride	4.93	84	18704	1.829 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4971	0.407 ug/L #	67
45) trans-1,3-Dichloropropene	10.59	75	2954	0.278 ug/L	83
49) 2-Hexanone	10.93	43	5810	2.015 ug/L #	71

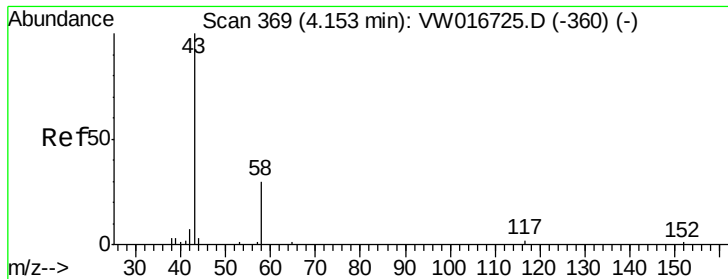
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.941 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016737.D

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Instrument :

MSVOA_W

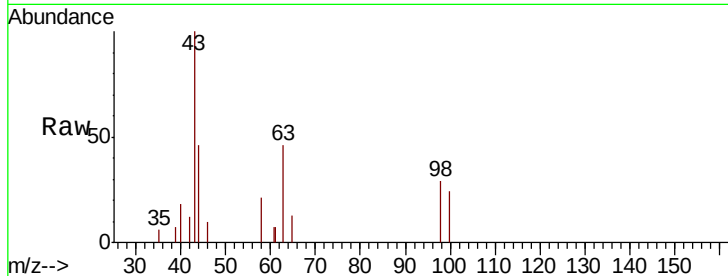
ClientSampled :

Tot Ion: 43 Resp: 2660

Ion Ratio Lower Upper

43 100

58 20.3 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

800

600

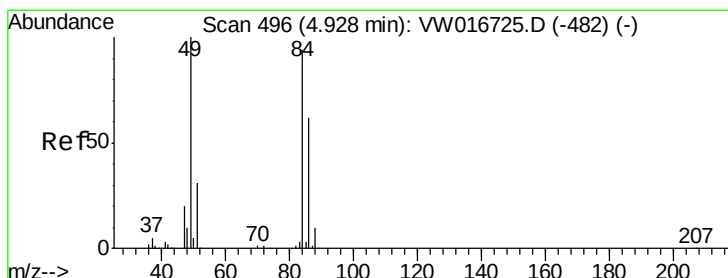
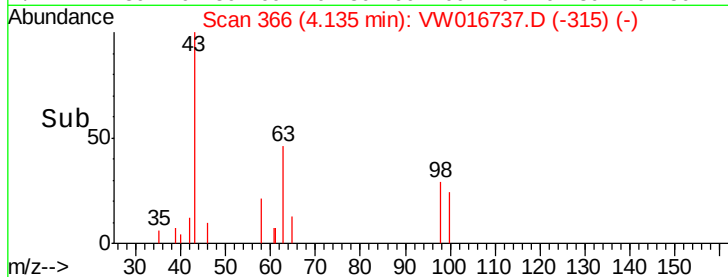
400

200

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.829 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016737.D

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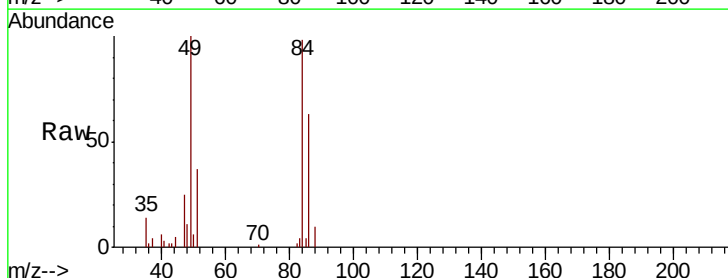
Tgt Ion: 84 Resp: 18704

Ion Ratio Lower Upper

84 100

49 102.2 76.0 141.2

86 64.7 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

8000

6000

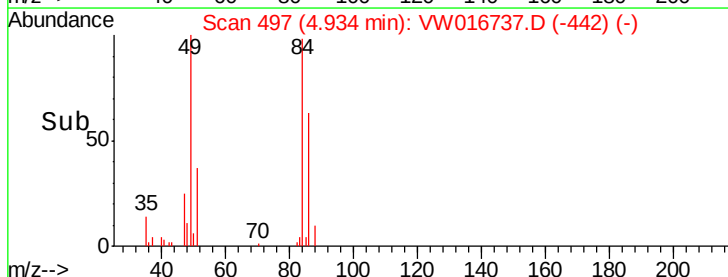
4000

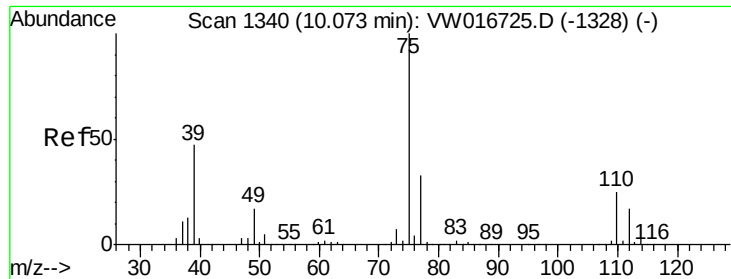
2000

0

4.80 4.90 5.00

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.407 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016737.D

Acq: 01 Oct 2020 14:52

Instrument :

MSVOA_W

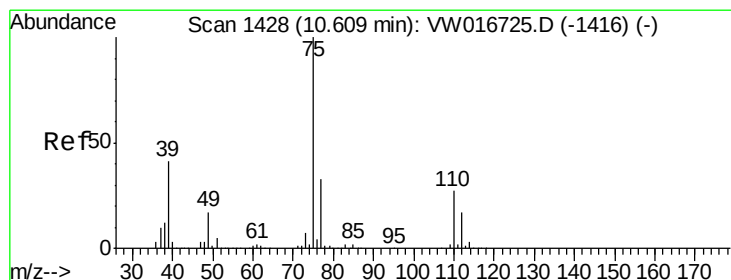
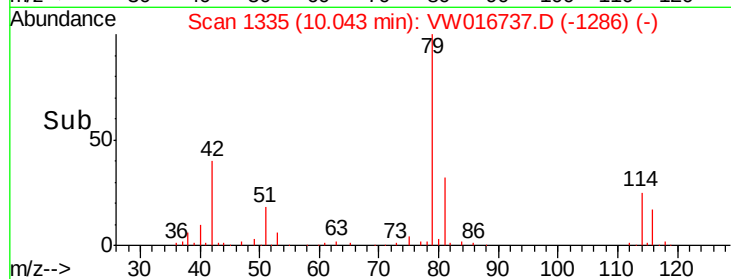
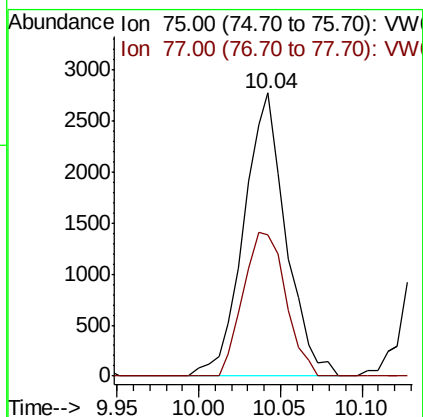
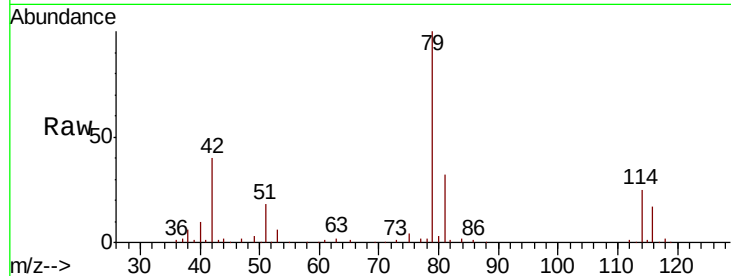
ClientSampled :

Tot Ion: 75 Resp: 4971

Ion Ratio Lower Upper

75 100

77 50.1 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.278 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016737.D

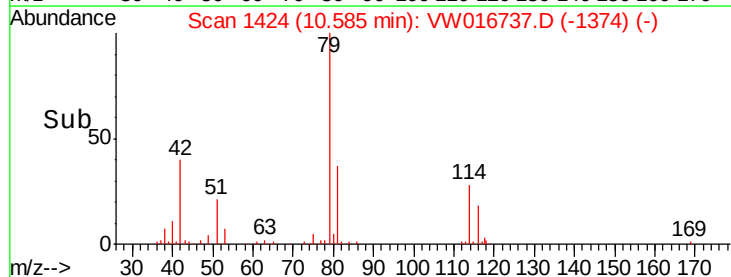
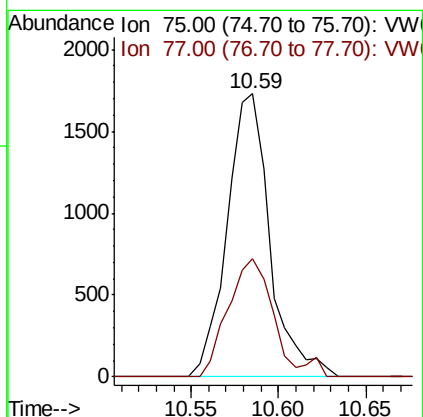
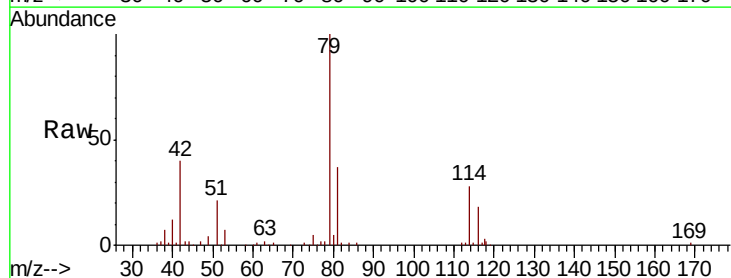
Acq: 01 Oct 2020 14:52

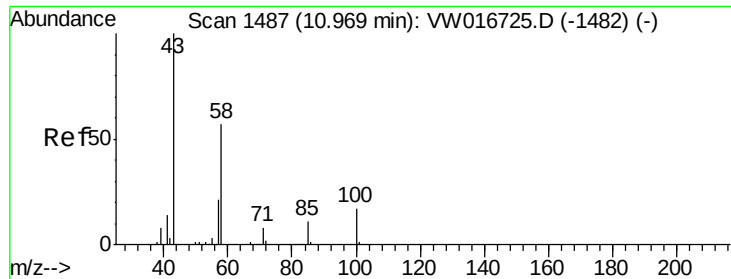
Tgt Ion: 75 Resp: 2954

Ion Ratio Lower Upper

75 100

77 41.8 22.5 41.9





#49

2-Hexanone

Concen: 2.015 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

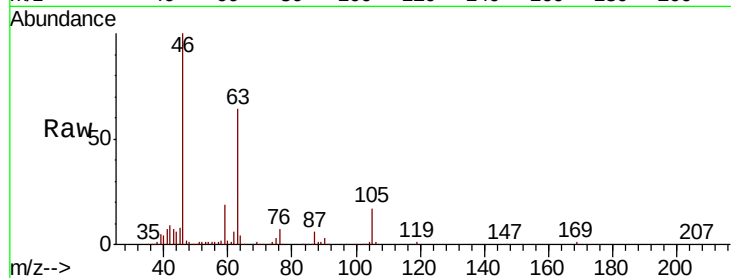
Lab File: VW016737.D

Acq: 01 Oct 2020 14:52

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	43	Resp:	5810
Ion	Ratio	Lower	Upper
43	100		
58	29.8	44.2	66.2#
57	23.7	16.3	24.5
100	1.1	12.4	18.6#

