

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016740.D
 Acq On : 01 Oct 2020 16:04
 Operator : SY/VA
 Sample : L4203-10
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:35:48 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	702009	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	614673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	296116	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	112285	16.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.08%
7) Chloroethane-d5	2.90	69	110026	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.32%
10) 1,1-Dichloroethene-d2	4.03	63	194818	12.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.28%
20) 2-Butanone-d5	7.09	46	65131	35.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.32%
24) Chloroform-d	7.66	84	318909	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.31	65	156405	20.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.00%
29) Benzene-d6	8.28	84	621777	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.28	67	175314	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	10.33	98	582287	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.88%
38) trans-1,3-Dichloropropene-	10.58	79	66673	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.80%
39) 2-Hexanone-d5	10.93	63	52149	38.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132563	20.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	223993	23.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.68%

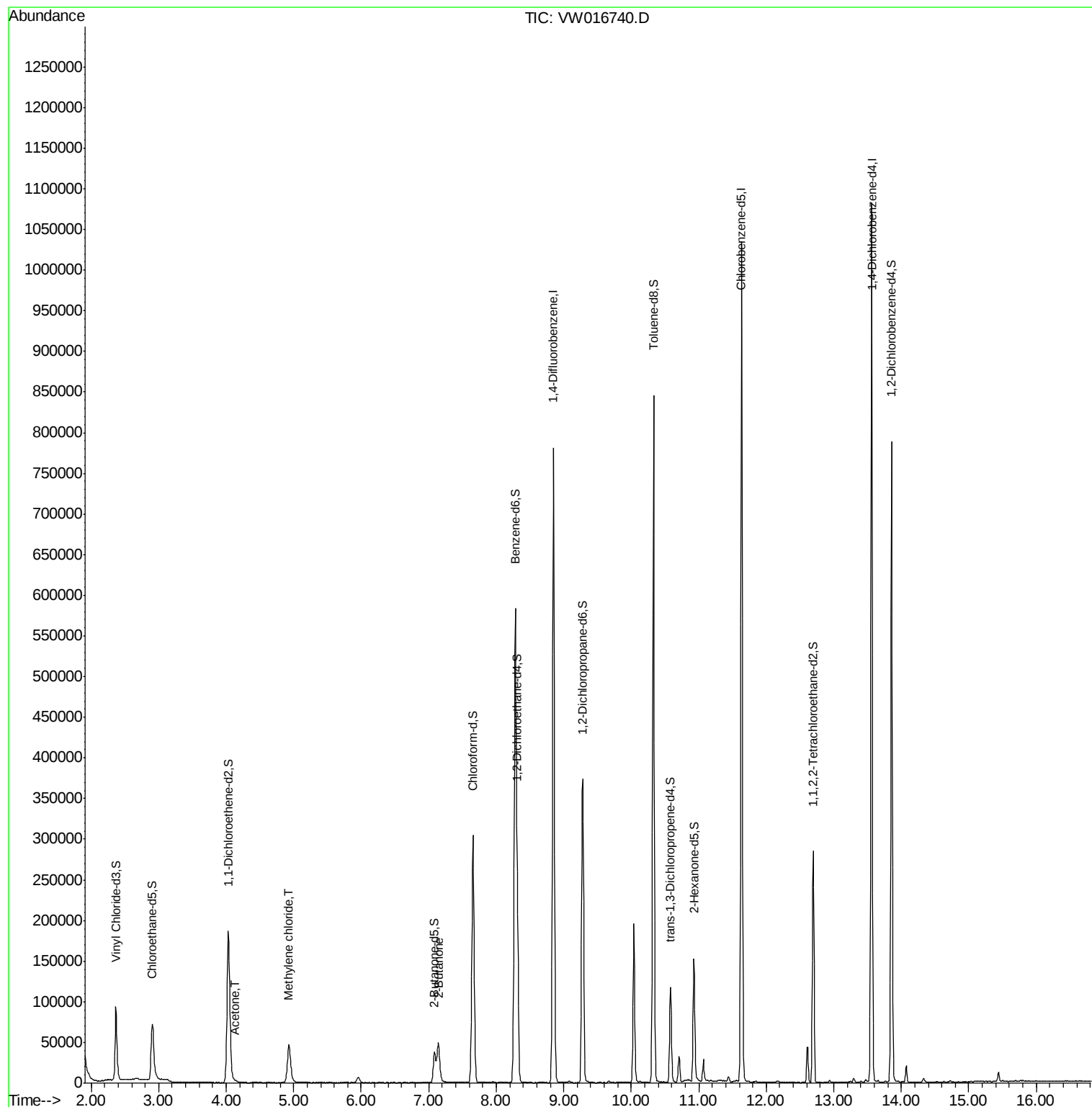
Target Compounds					Ovalue
13) Acetone	4.14	43	1836	1.265 ug/L	100
16) Methylene chloride	4.93	84	43253	3.995 ug/L	94
21) 2-Butanone	7.15	43	1649	0.668 ug/L #	64

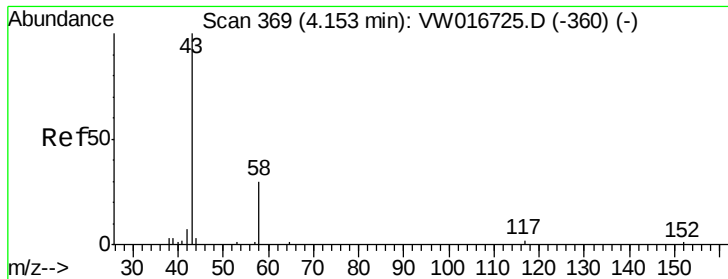
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.265 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016740.D

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Instrument :

MSVOA_W

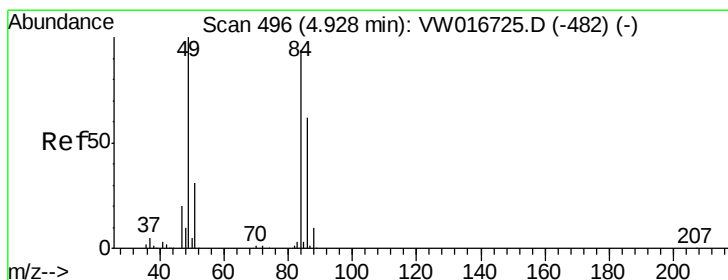
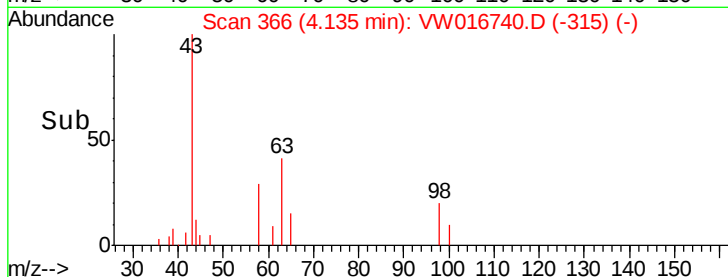
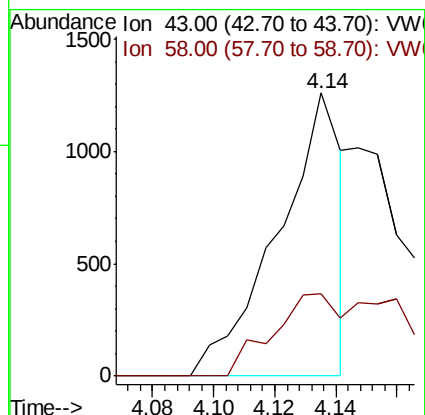
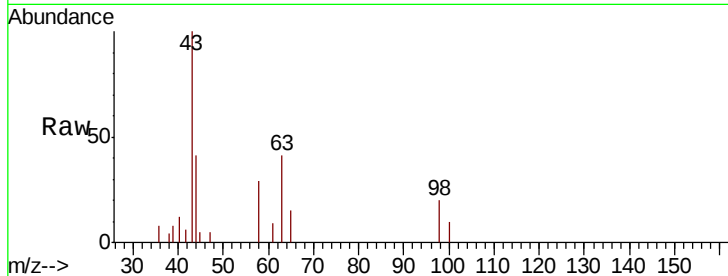
ClientSampled :

Tot Ion: 43 Resp: 1836

Ion Ratio Lower Upper

43 100

58 30.3 0.0 60.2



#16

Methylene chloride

Concen: 3.995 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016740.D

Acq: 01 Oct 2020 16:04

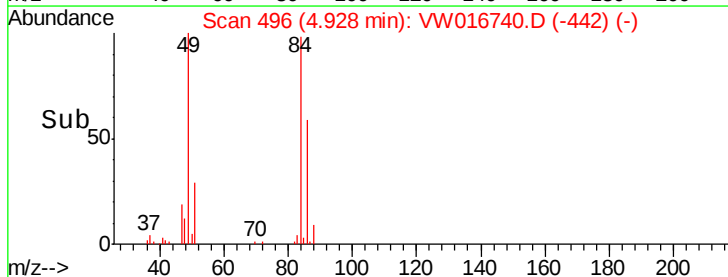
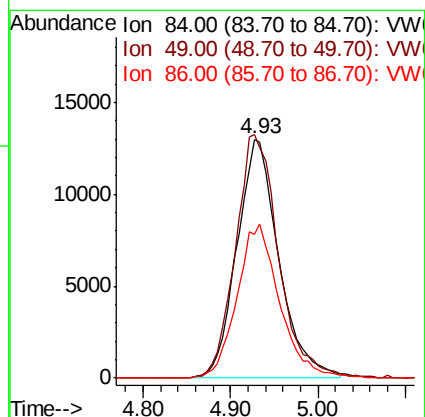
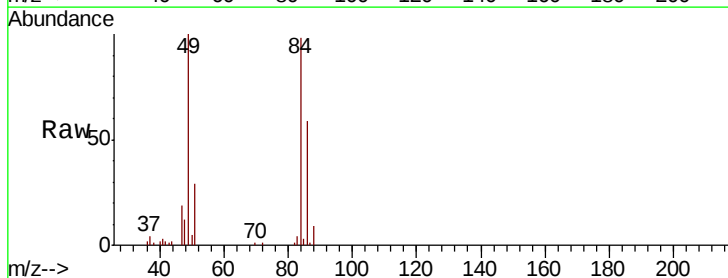
Tgt Ion: 84 Resp: 43253

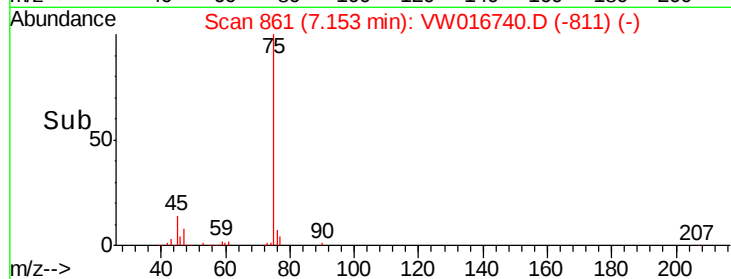
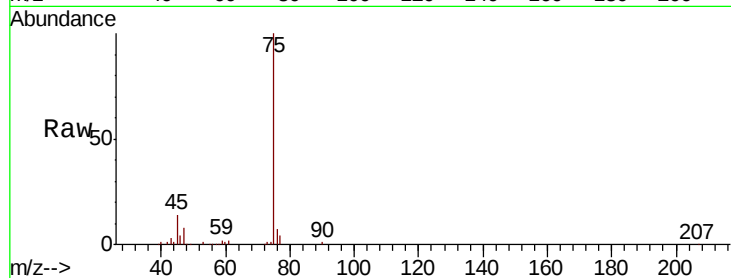
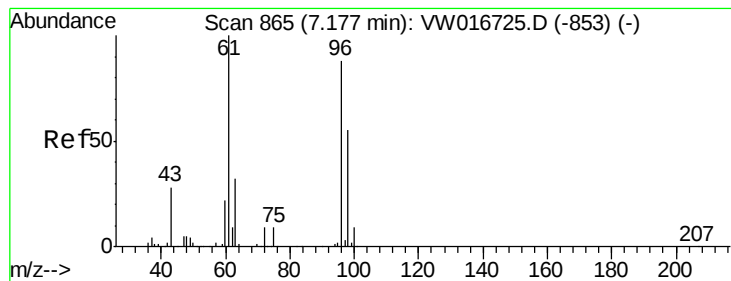
Ion Ratio Lower Upper

84 100

49 101.8 76.0 141.2

86 60.3 45.6 84.6





#21

2-Butanone

Concen: 0.668 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW016740.D

Acq: 01 Oct 2020 16:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1649

Ion Ratio Lower Upper

43 100

72 9.7 14.6 43.8#

