

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016149.D
 Acq On : 12 Aug 2020 10:20
 Operator : SY/VA
 Sample : L3599-11
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:25:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	470315	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404161	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138011	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125391	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
7) Chloroethane-d5	2.89	69	96726	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
10) 1,1-Dichloroethene-d2	4.01	63	212625	17.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.68%
20) 2-Butanone-d5	7.09	46	90935	59.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.54%
24) Chloroform-d	7.65	84	285983	22.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	8.31	65	161653	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	8.27	84	569560	25.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.64%
33) 1,2-Dichloropropane-d6	9.27	67	168977	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.56%
37) Toluene-d8	10.32	98	500963	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.36%
38) trans-1,3-Dichloropropene-	10.58	79	73911	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.76%
39) 2-Hexanone-d5	10.93	63	75557	67.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.48%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147538	28.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	121604	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

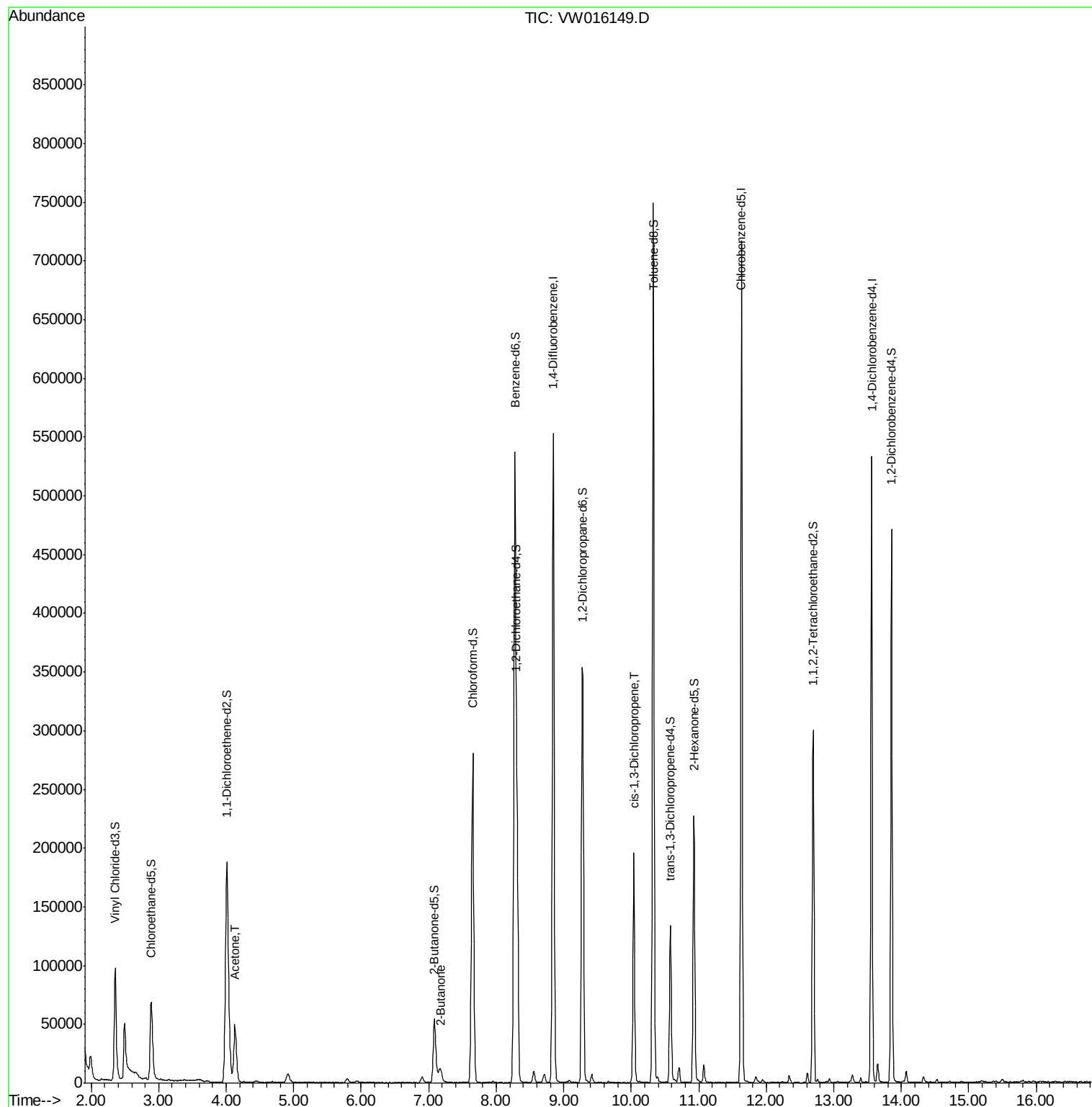
					Ovalue
13) Acetone	4.13	43	85883	73.991 ug/L	96
21) 2-Butanone	7.18	43	12269	6.669 ug/L	87
42) cis-1,3-Dichloropropene	10.04	75	5004	0.574 ug/L #	61

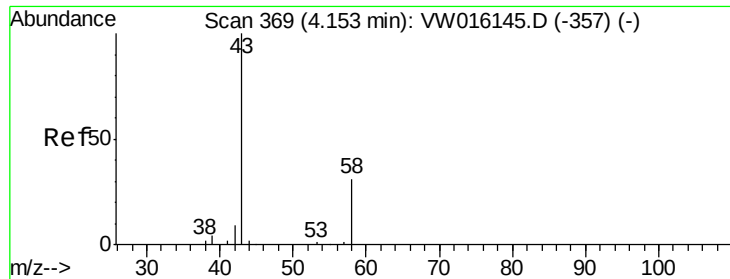
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 73.991 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016149.D

Acq: 12 Aug 2020 10:20

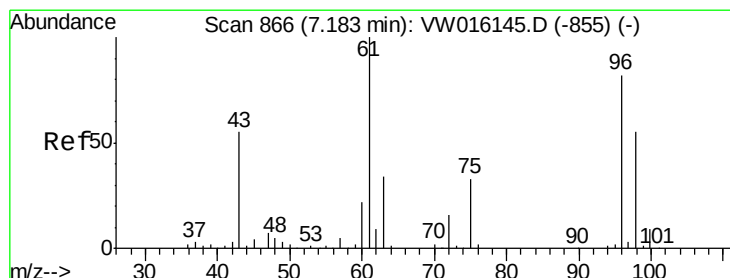
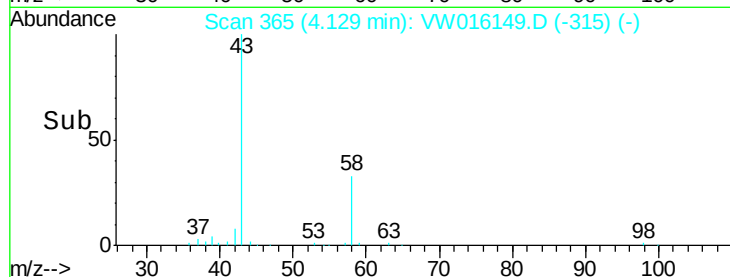
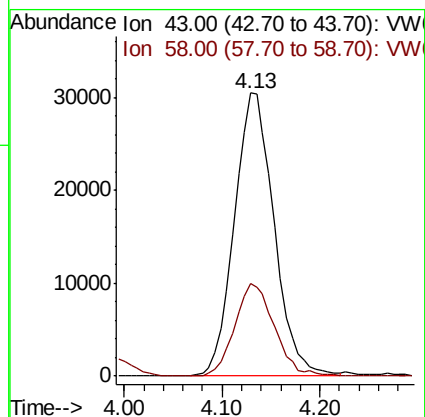
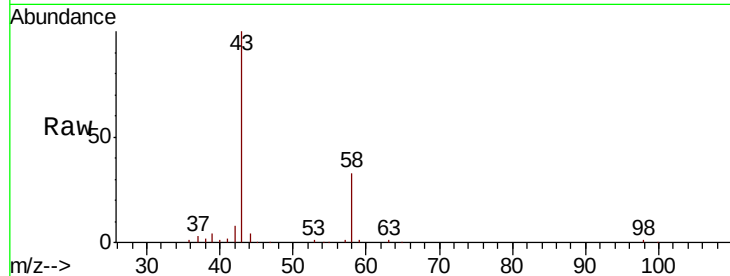
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 85883

Ion Ratio Lower Upper

43 100

58 32.1 0.0 59.4



#21

2-Butanone

Concen: 6.669 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW016149.D

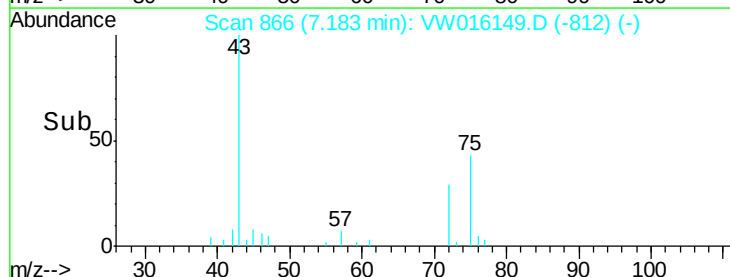
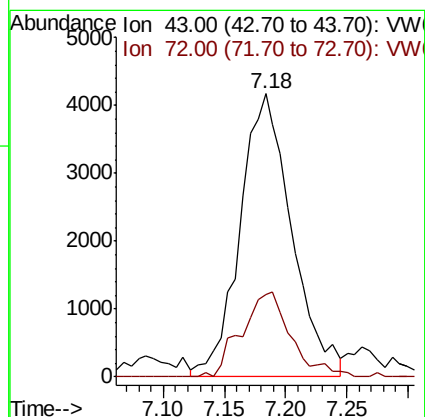
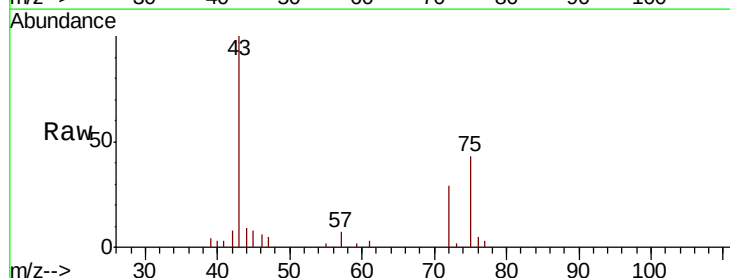
Acq: 12 Aug 2020 10:20

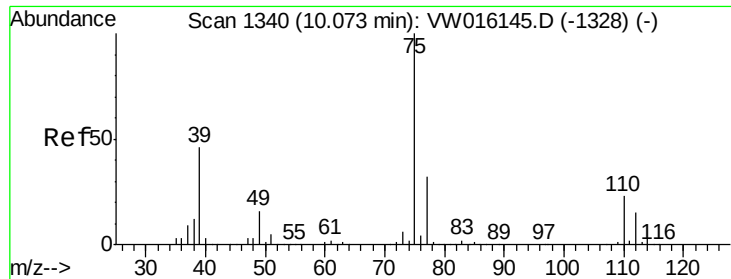
Tgt Ion: 43 Resp: 12269

Ion Ratio Lower Upper

43 100

72 21.0 13.9 41.7





#42
 cis-1,3-Dichloropropene
 Concen: 0.574 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016149.D
 Acq: 12 Aug 2020 10:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 5004
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.9 42.5#

