

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
 Data File : VW016458.D
 Acq On : 04 Sep 2020 11:17
 Operator : SY/VA
 Sample : VW0904SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 04:26:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 05 04:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	759535	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	673364	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	326166	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	192853	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
7) Chloroethane-d5	2.90	69	182158	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.68%
10) 1,1-Dichloroethene-d2	4.03	63	312094	16.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.36%
20) 2-Butanone-d5	7.09	46	127635	44.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.70%
24) Chloroform-d	7.65	84	426681	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	8.56	65	215	0.02	ug/L	0.25
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.28	84	859837	25.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.48%
33) 1,2-Dichloropropane-d6	9.28	67	247626	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.48%
37) Toluene-d8	10.33	98	836329	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.80%
38) trans-1,3-Dichloropropene-	10.59	79	125287	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.76%
39) 2-Hexanone-d5	10.93	63	102943	50.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	212984	25.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	281897	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds

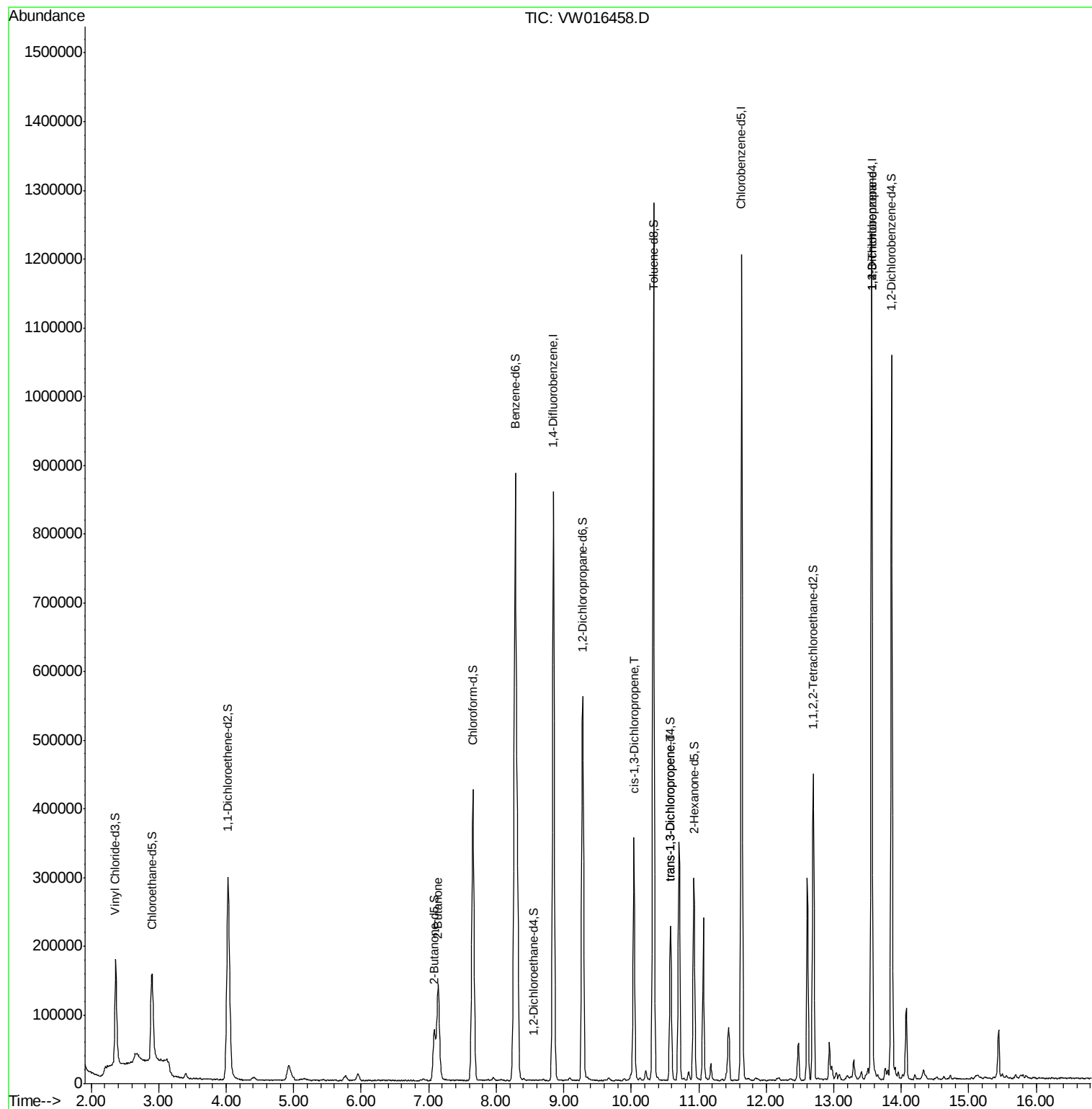
					Ovalue
21) 2-Butanone	7.13	43	7340	2.368 ug/L #	66
42) cis-1,3-Dichloropropene	10.04	75	9858	0.638 ug/L #	56
45) trans-1,3-Dichloropropene	10.59	75	6866	0.497 ug/L	96
59) 1,2,3-Trichloropropane	13.56	75	39355	6.122 ug/L	90

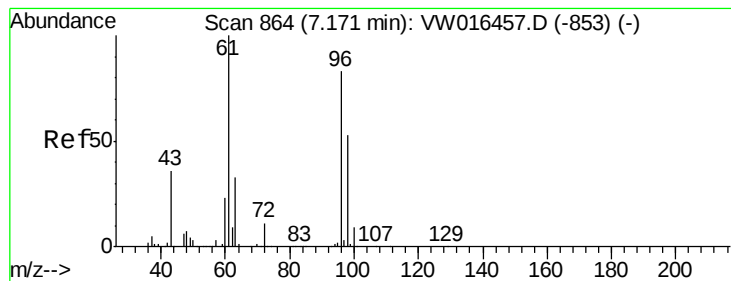
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.368 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW016458.D

Acq: 04 Sep 2020 11:17

Instrument :

MSVOA_W

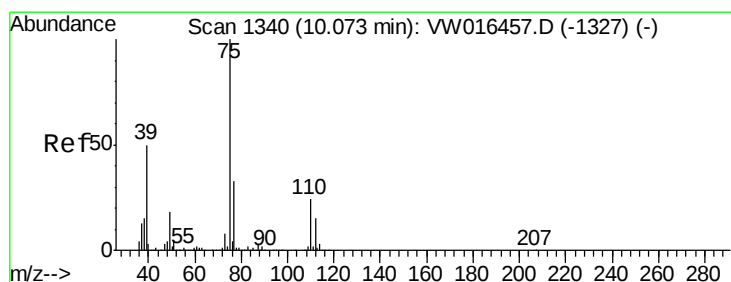
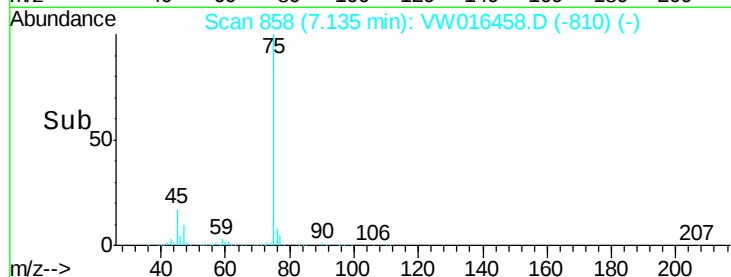
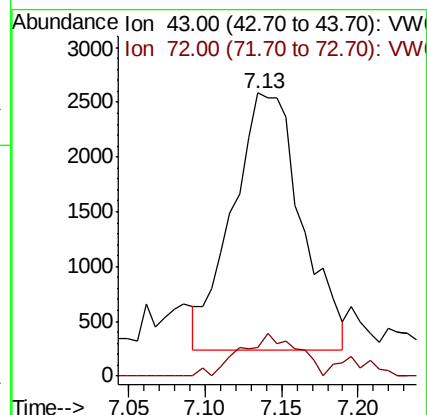
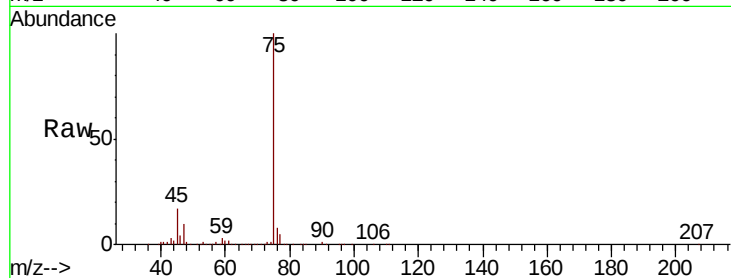
ClientSampleId :

Tot Ion: 43 Resp: 7340

Ion Ratio Lower Upper

43 100

72 9.5 13.5 40.4#



#42

cis-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016458.D

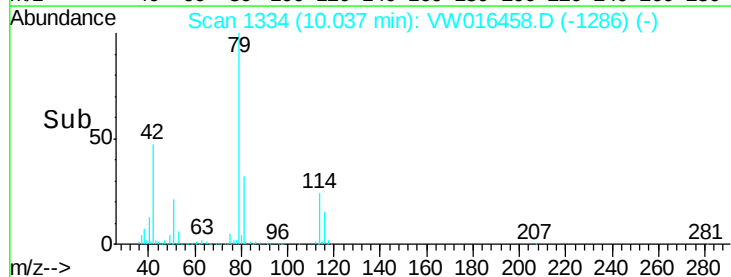
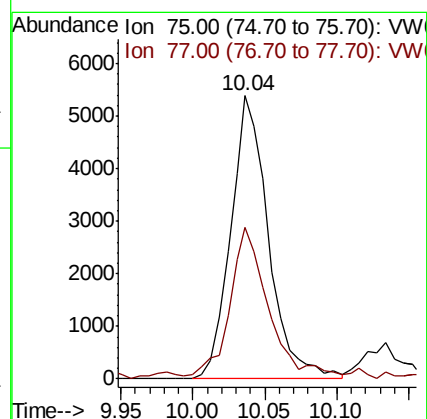
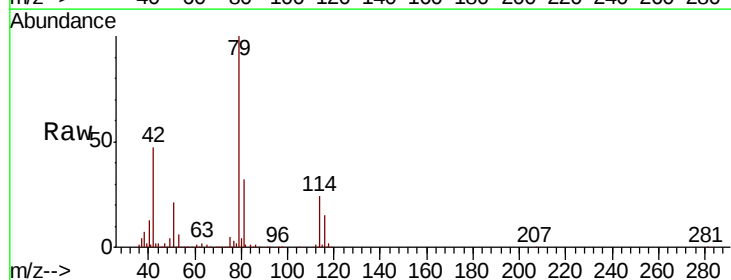
Acq: 04 Sep 2020 11:17

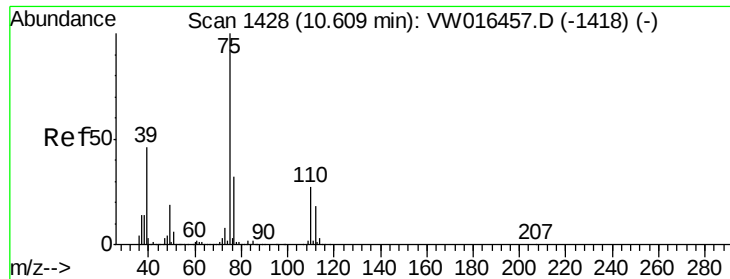
Tgt Ion: 75 Resp: 9858

Ion Ratio Lower Upper

75 100

77 53.7 20.9 38.7#





#45

trans-1,3-Dichloropropene

Concen: 0.497 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016458.D

Acq: 04 Sep 2020 11:17

Instrument :

MSVOA_W

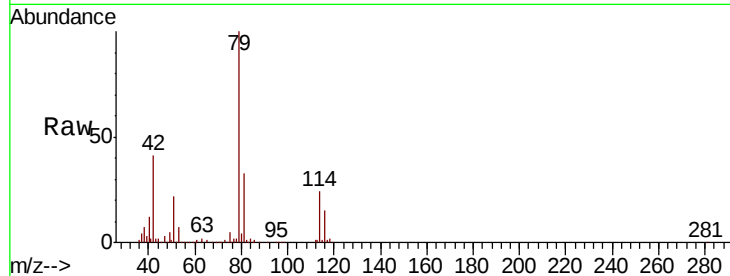
ClientSampleId :

Tot Ion: 75 Resp: 6866

Ion Ratio Lower Upper

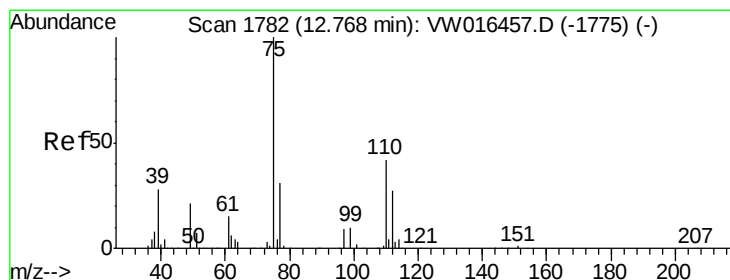
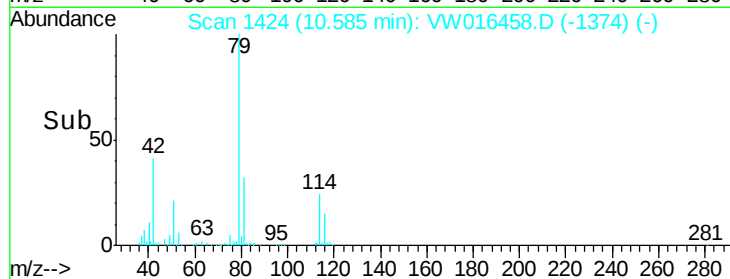
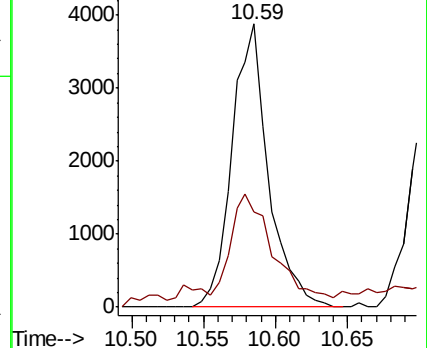
75 100

77 33.7 21.9 40.7



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: 6.122 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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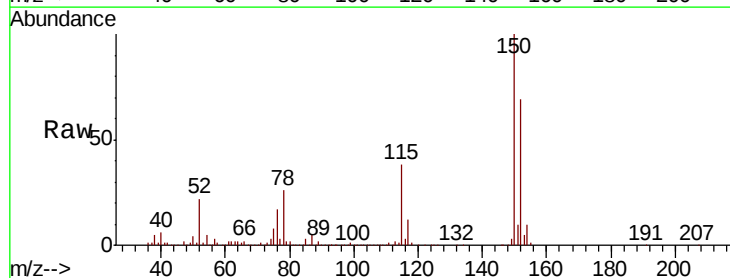
Acq: 04 Sep 2020 11:17

Tgt Ion: 75 Resp: 39355

Ion Ratio Lower Upper

75 100

77 38.1 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

