

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016838.D
 Acq On : 07 Oct 2020 17:35
 Operator : SY/VA
 Sample : L4308-02
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP7

Quant Time: Oct 08 08:41:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	572781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	505574	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139933	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
7) Chloroethane-d5	2.89	69	116849	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	4.03	63	204155	17.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.04%
20) 2-Butanone-d5	7.09	46	40806	31.88	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.76%
24) Chloroform-d	7.65	84	279169	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	8.31	65	134560	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.20%
29) Benzene-d6	8.27	84	569444	24.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.20%
33) 1,2-Dichloropropane-d6	9.27	67	152750	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	10.32	98	526477	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.58	79	56975	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.72%
39) 2-Hexanone-d5	10.93	63	34169	35.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.62%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	104400	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	148934	23.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.68%

Target Compounds

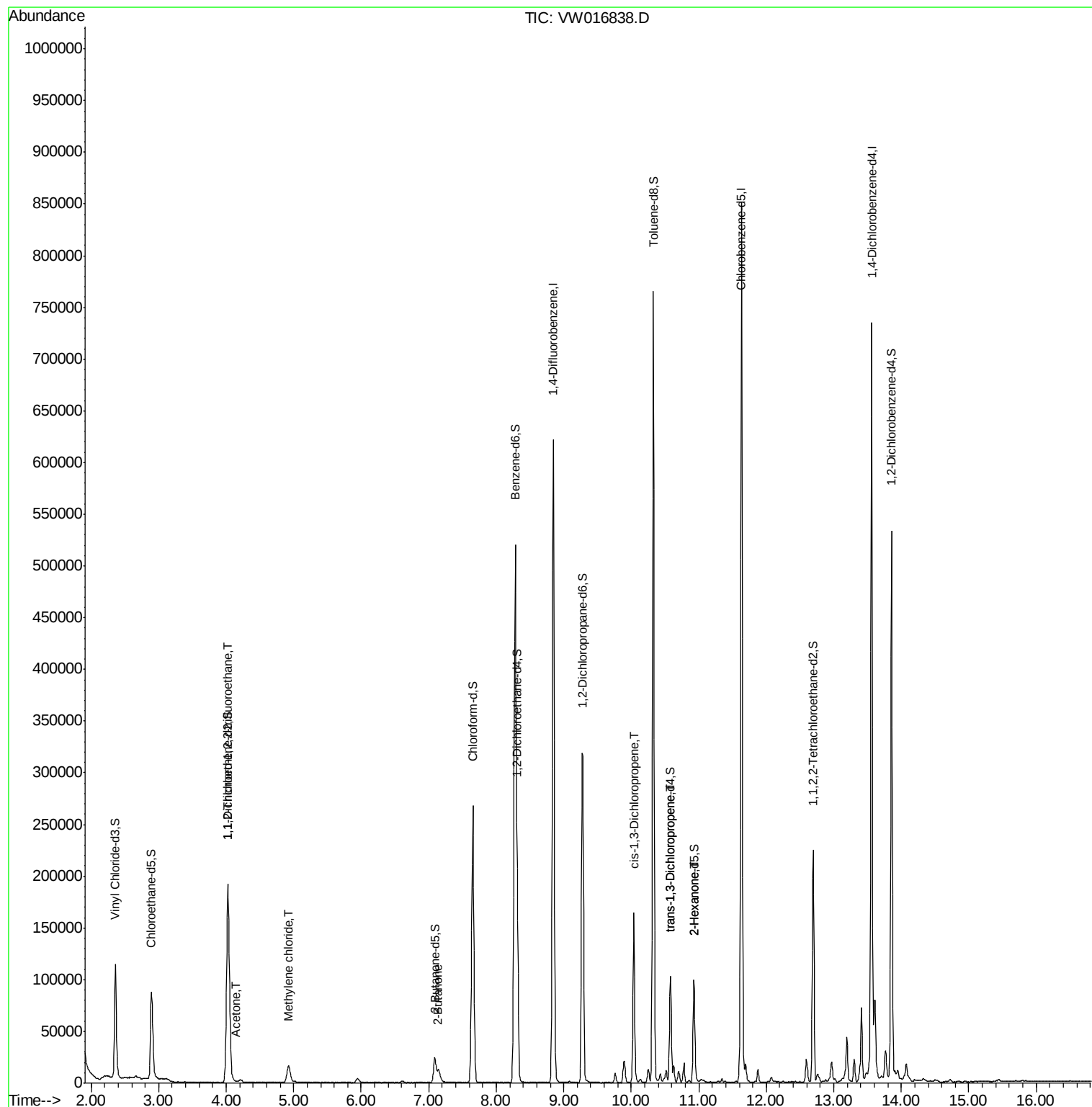
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2315	0.300 ug/L #	18
13) Acetone	4.15	43	1374	1.419 ug/L	78
16) Methylene chloride	4.92	84	15969	2.020 ug/L	96
21) 2-Butanone	7.14	43	1187	0.730 ug/L #	42
42) cis-1,3-Dichloropropene	10.04	75	4378	0.447 ug/L #	76
45) trans-1,3-Dichloropropene	10.59	75	2524	0.306 ug/L	97
49) 2-Hexanone	10.93	43	5720	2.804 ug/L #	61

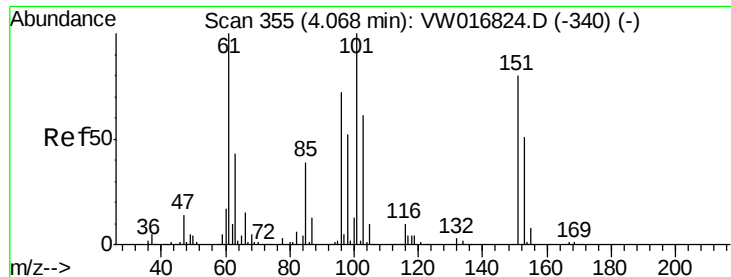
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.300 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW016838.D

Acq: 07 Oct 2020 17:35

Instrument :

MSVOA_W

ClientSampled :

C0AP7

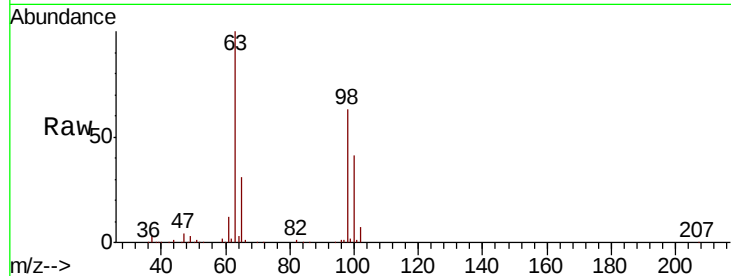
Tot Ion:101 Resp: 2315

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

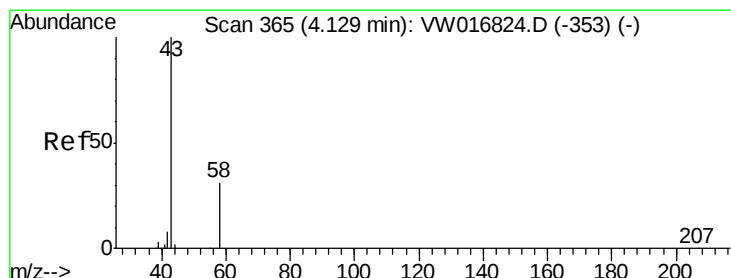
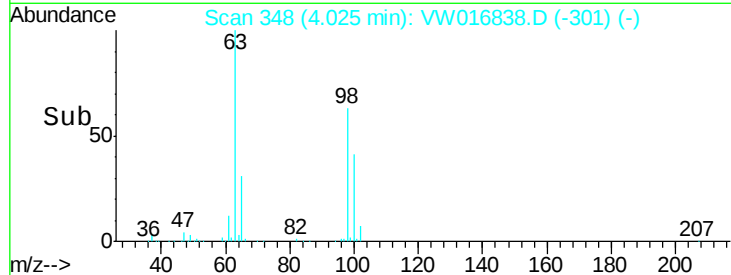
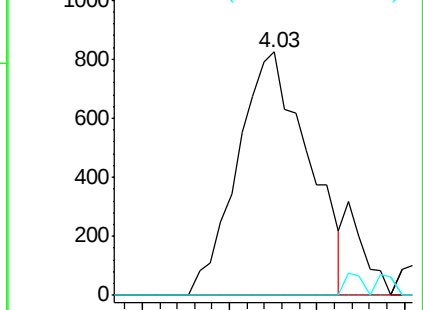
151 2.2 66.6 99.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.419 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016838.D

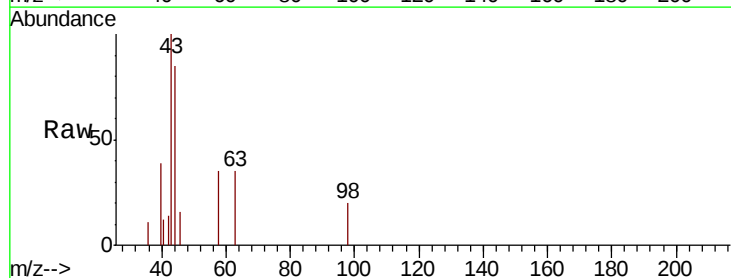
Acq: 07 Oct 2020 17:35

Tgt Ion: 43 Resp: 1374

Ion Ratio Lower Upper

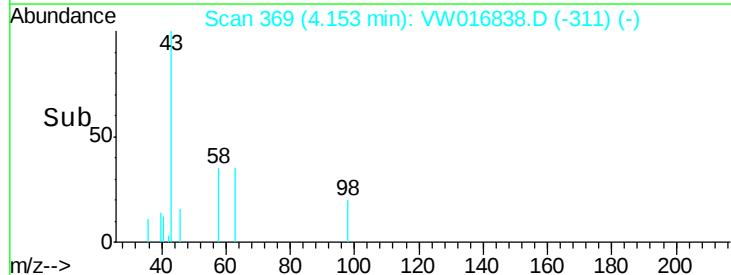
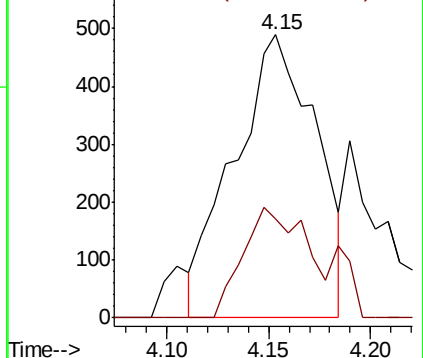
43 100

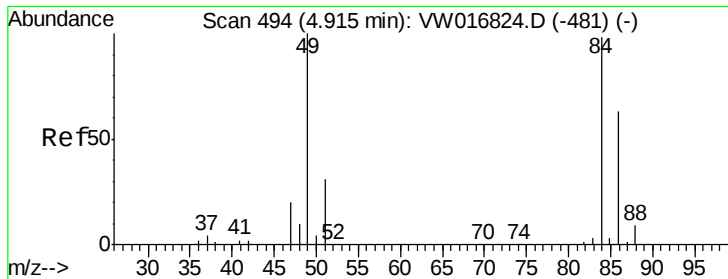
58 21.1 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

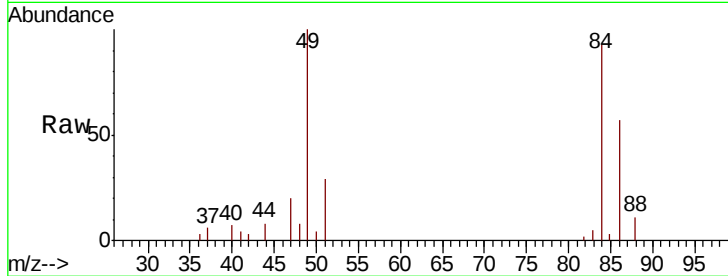




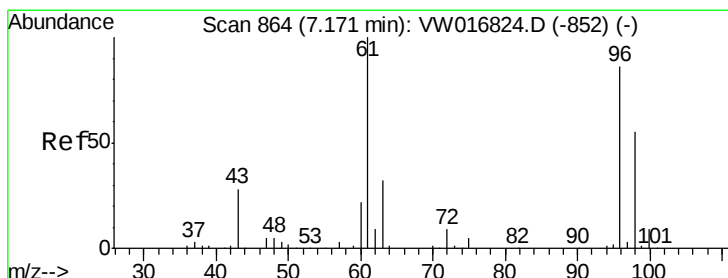
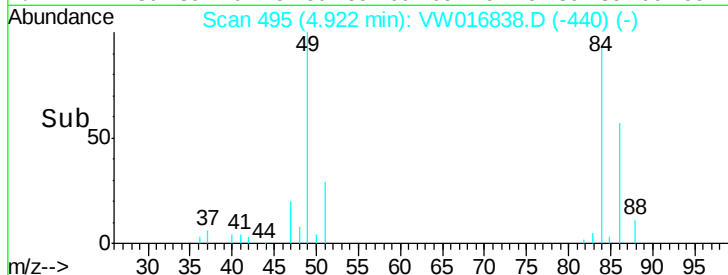
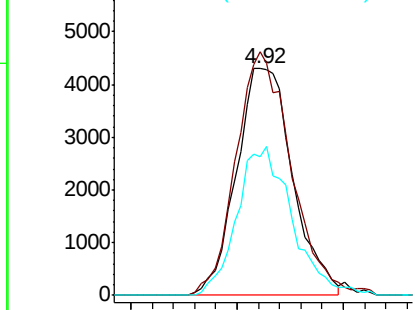
#16
Methylene chloride
Concen: 2.020 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016838.D
Acq: 07 Oct 2020 17:35

Instrument :
MSVOA_W
ClientSampleId :
C0AP7

Tot Ion: 84 Resp: 15969
Ion Ratio Lower Upper
84 100
49 107.4 73.1 135.8
86 60.9 46.0 85.4

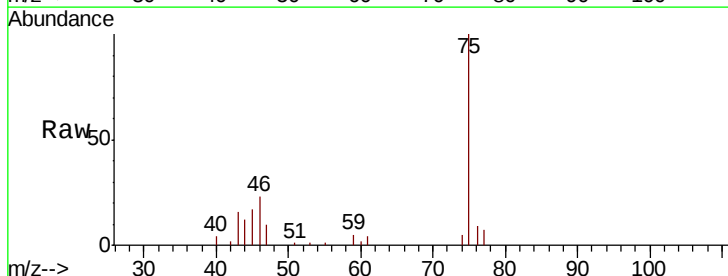


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

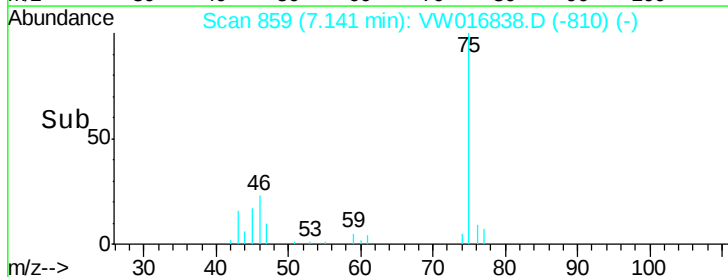
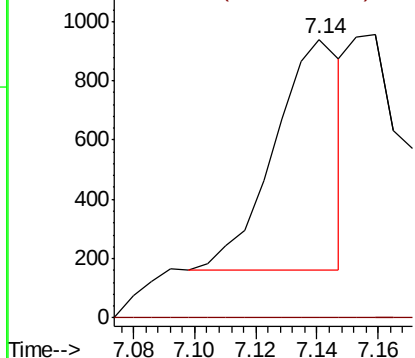


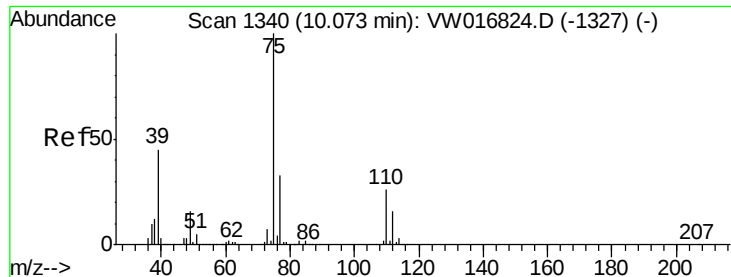
#21
2-Butanone
Concen: 0.730 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW016838.D
Acq: 07 Oct 2020 17:35

Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
72 0.0 16.2 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016838.D

Acq: 07 Oct 2020 17:35

Instrument :

MSVOA_W

ClientSampled :

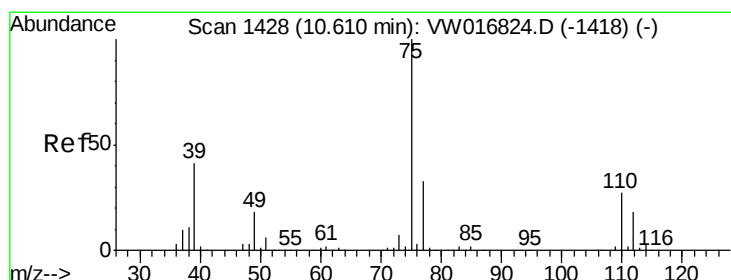
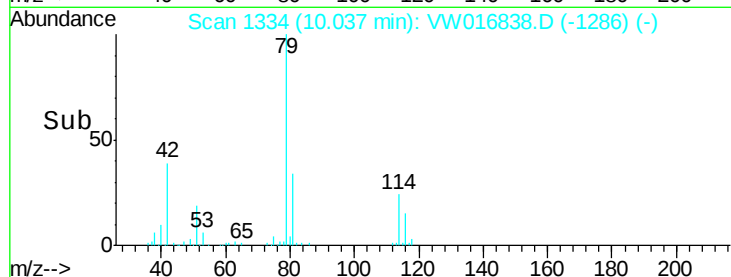
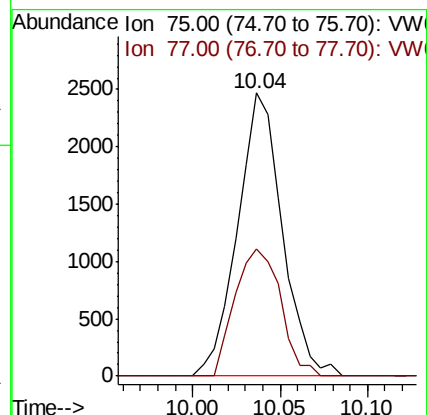
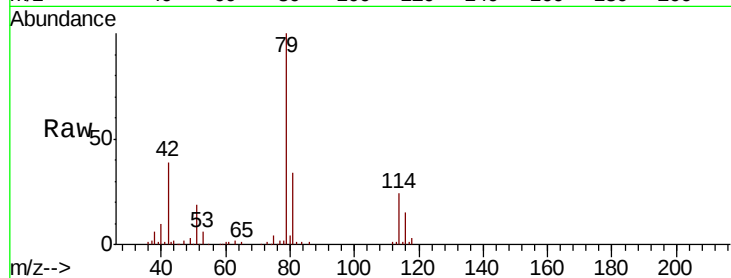
C0AP7

Tot Ion: 75 Resp: 4378

Ion Ratio Lower Upper

75 100

77 44.9 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.306 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016838.D

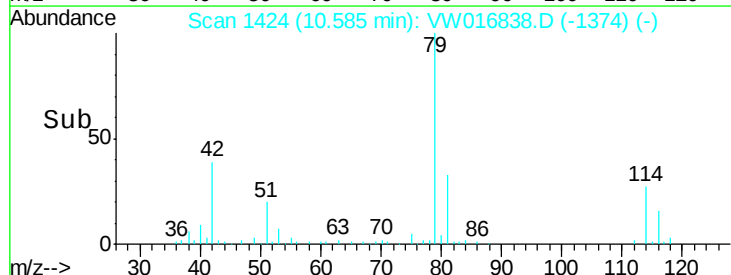
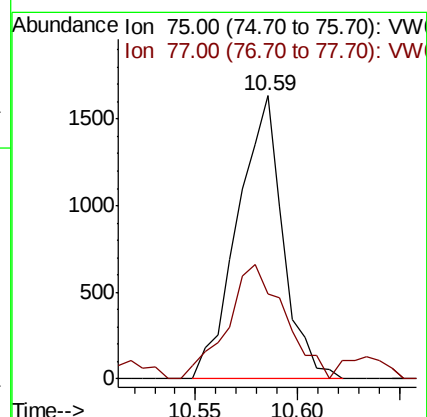
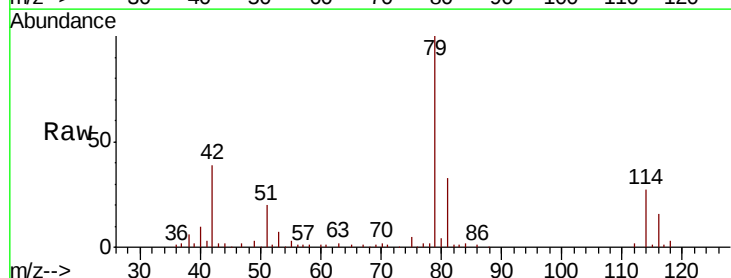
Acq: 07 Oct 2020 17:35

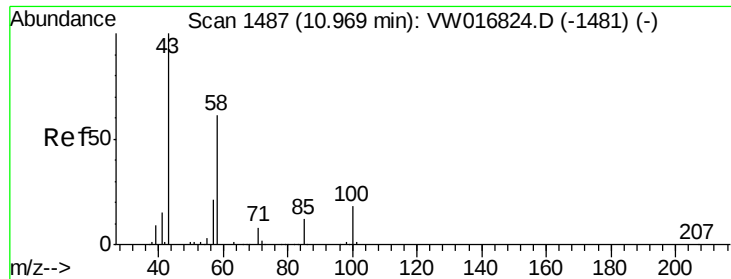
Tgt Ion: 75 Resp: 2524

Ion Ratio Lower Upper

75 100

77 30.1 22.2 41.2





#49

2-Hexanone

Concen: 2.804 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016838.D

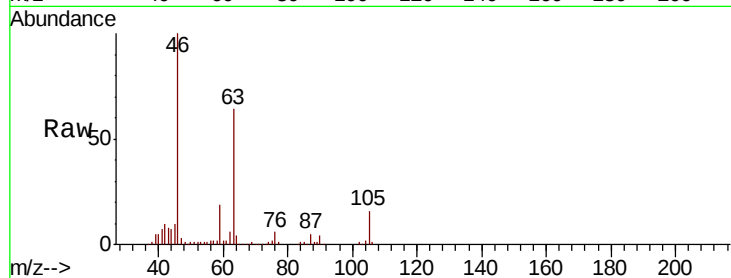
Acq: 07 Oct 2020 17:35

Instrument :

MSVOA_W

ClientSampleId :

C0AP7



Tot Ion: 43 Resp: 5720

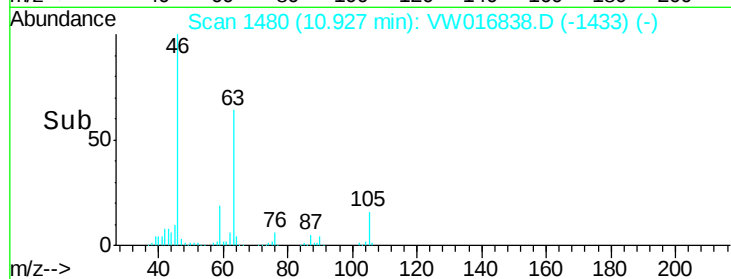
Ion Ratio Lower Upper

43 100

58 23.4 47.1 70.7#

57 26.8 16.2 24.4#

100 0.0 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

