

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016806.D
 Acq On : 06 Oct 2020 20:45
 Operator : SY/VA
 Sample : L4235-08RE
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AK4RE

Quant Time: Oct 07 03:14:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	566973	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380900	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	87323	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157474	28.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.60%
7) Chloroethane-d5	2.90	69	130271	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.04%
10) 1,1-Dichloroethene-d2	4.03	63	231021	19.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.80%
20) 2-Butanone-d5	7.09	46	35604	28.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.20%
24) Chloroform-d	7.65	84	294936	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.31	65	139537	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	8.27	84	603643	34.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.56%#
33) 1,2-Dichloropropane-d6	9.28	67	158121	34.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.04%#
37) Toluene-d8	10.33	98	504258	30.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.56%
38) trans-1,3-Dichloropropene-	10.59	79	50767	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.93	63	27020	37.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76998	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	66727	24.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.36%

Target Compounds

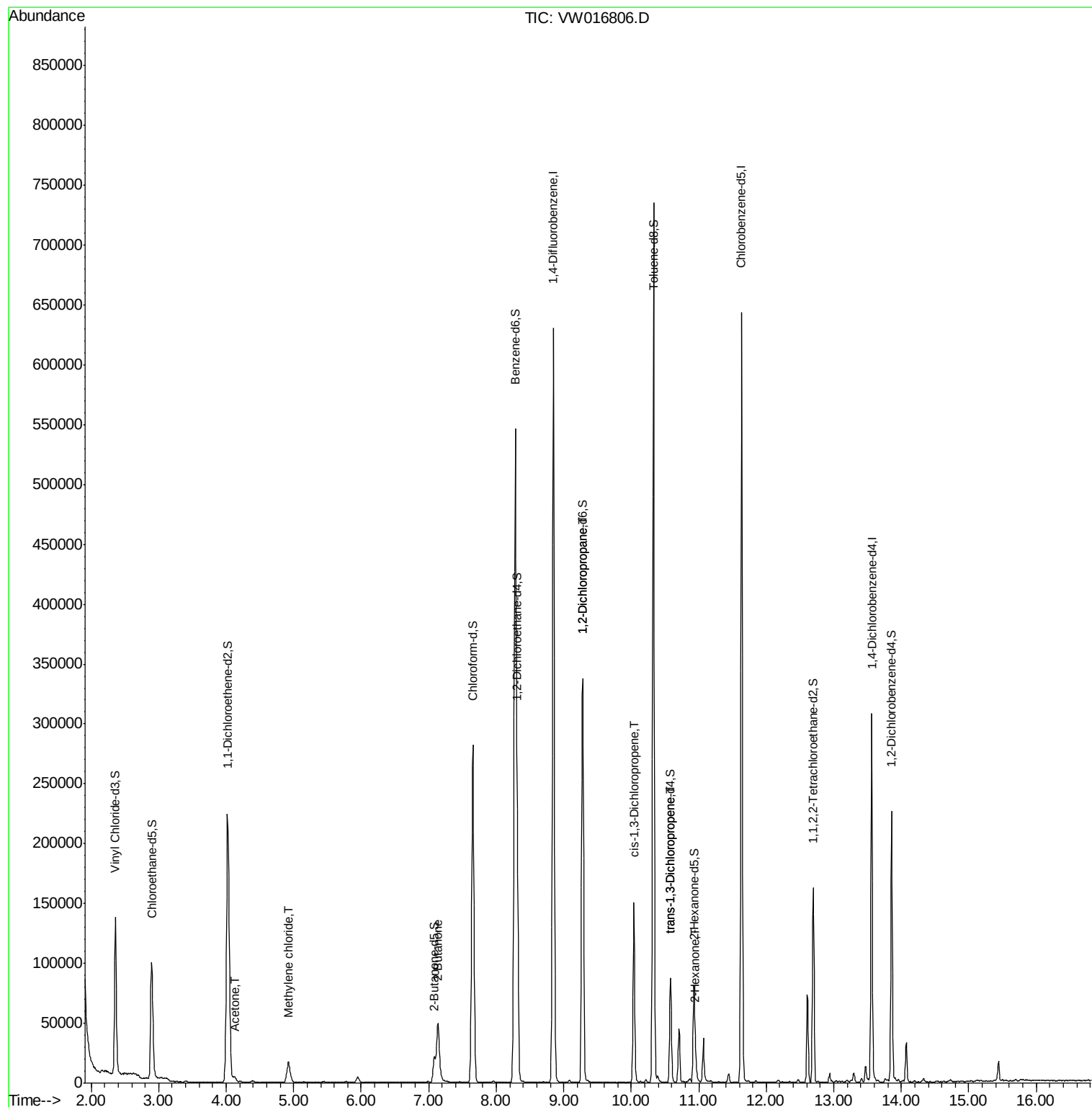
					Ovalue
13) Acetone	4.13	43	8265	8.621 ug/L	96
16) Methylene chloride	4.93	84	14936	1.909 ug/L	90
21) 2-Butanone	7.15	43	12297	7.641 ug/L #	48
40) 1,2-Dichloropropane	9.28	63	17887	3.867 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4159	0.564 ug/L	86
45) trans-1,3-Dichloropropene	10.58	75	2161	0.348 ug/L	92
49) 2-Hexanone	10.96	43	11651	7.580 ug/L #	36

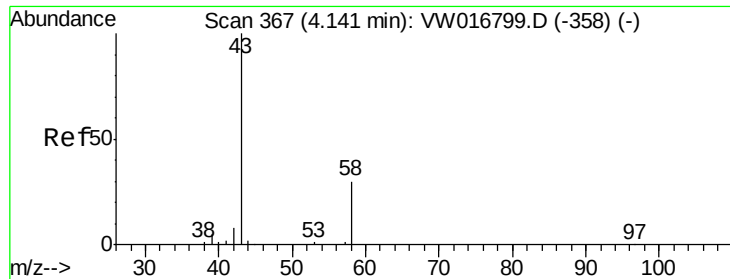
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.621 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016806.D

Acq: 06 Oct 2020 20:45

Instrument :

MSVOA_W

ClientSampleId :

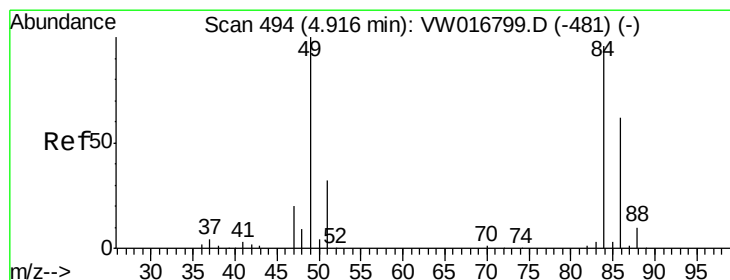
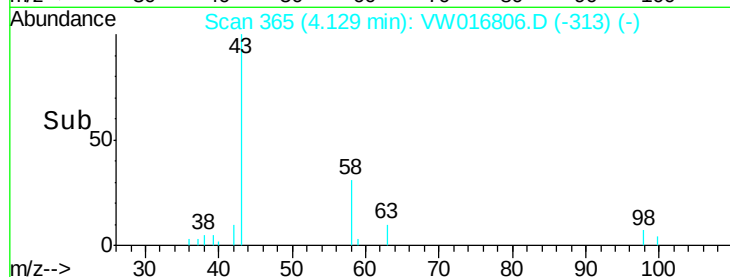
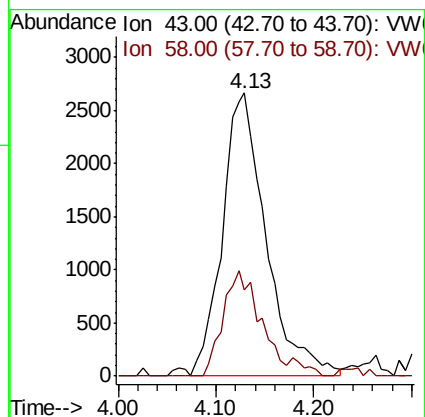
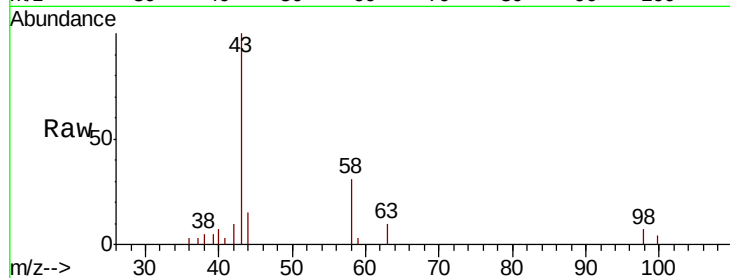
C0AK4RE

Tot Ion: 43 Resp: 8265

Ion Ratio Lower Upper

43 100

58 31.5 0.0 67.6



#16

Methylene chloride

Concen: 1.909 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016806.D

Acq: 06 Oct 2020 20:45

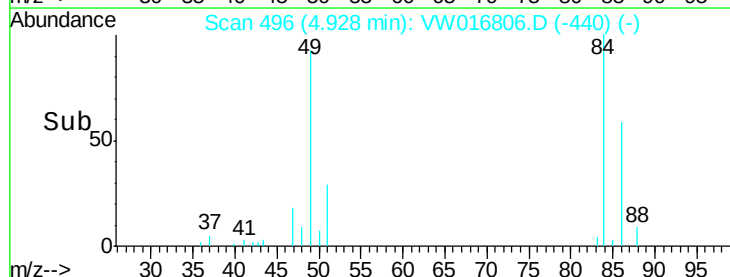
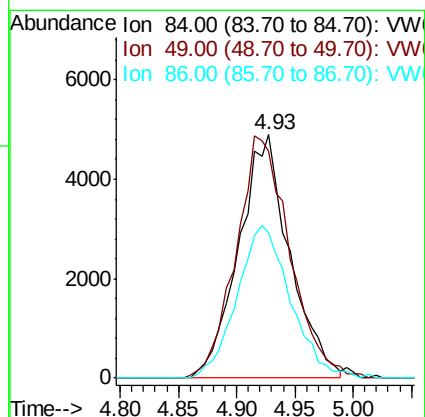
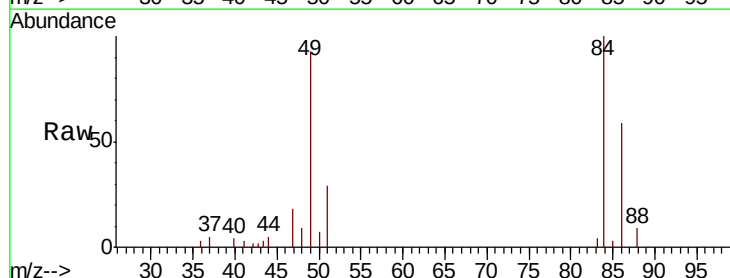
Tgt Ion: 84 Resp: 14936

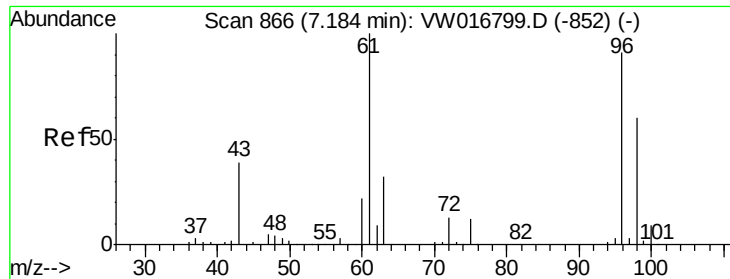
Ion Ratio Lower Upper

84 100

49 93.1 73.1 135.8

86 59.4 46.0 85.4





#21

2-Butanone

Concen: 7.641 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW016806.D

Acq: 06 Oct 2020 20:45

Instrument :

MSVOA_W

ClientSampleId :

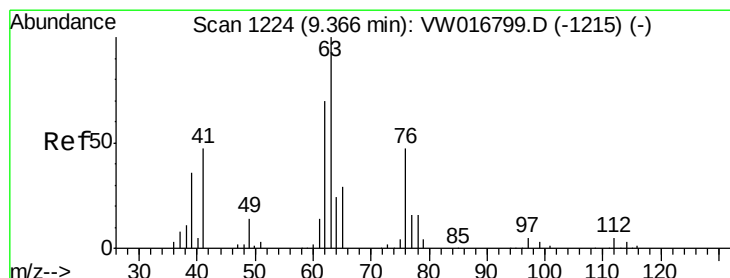
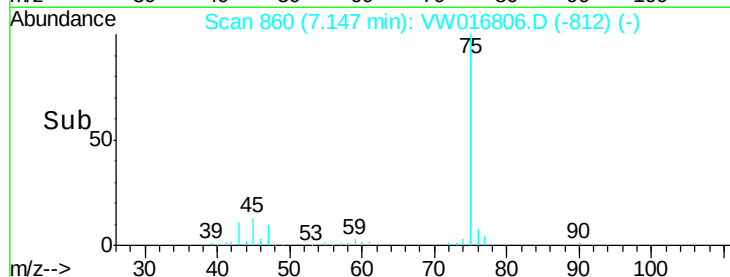
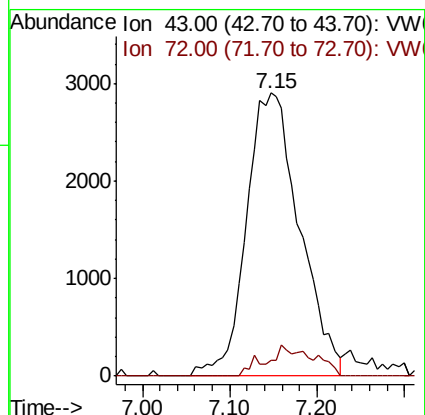
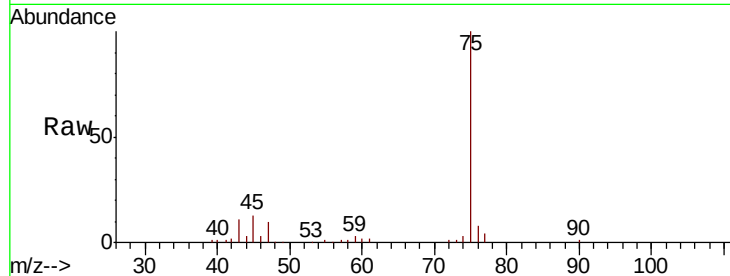
C0AK4RE

Tot Ion: 43 Resp: 12297

Ion Ratio Lower Upper

43 100

72 3.4 16.2 48.5#



#40

1,2-Dichloropropane

Concen: 3.867 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016806.D

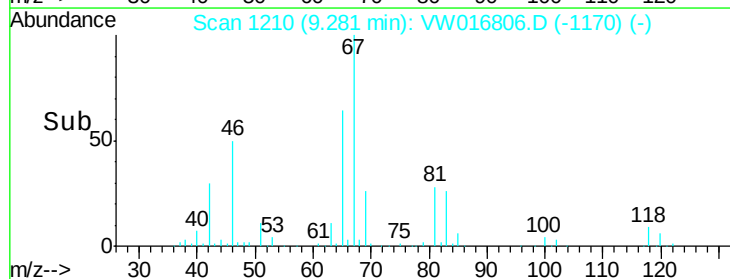
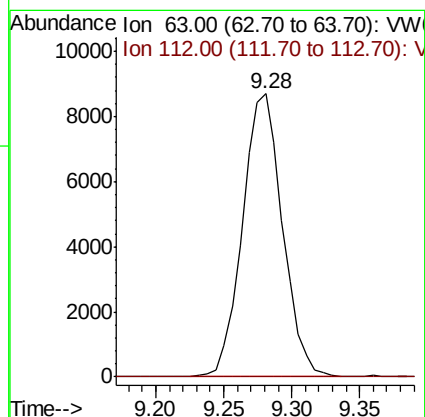
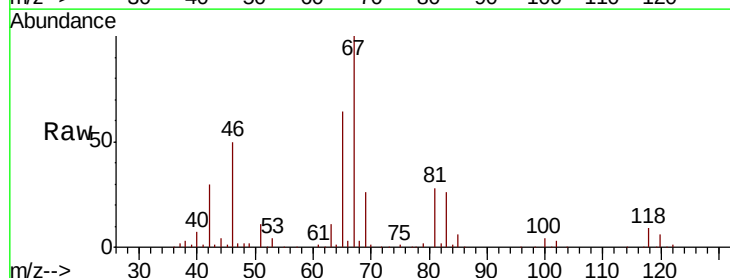
Acq: 06 Oct 2020 20:45

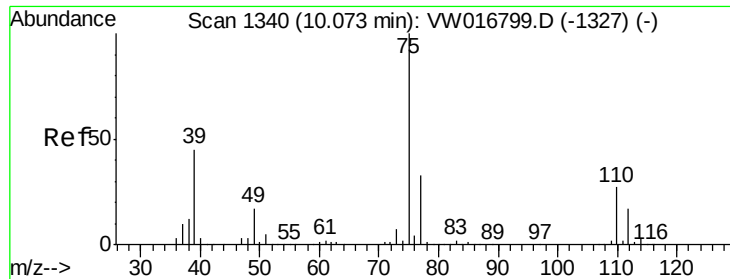
Tgt Ion: 63 Resp: 17887

Ion Ratio Lower Upper

63 100

112 0.3 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.564 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016806.D

Acq: 06 Oct 2020 20:45

Instrument :

MSVOA_W

ClientSampleId :

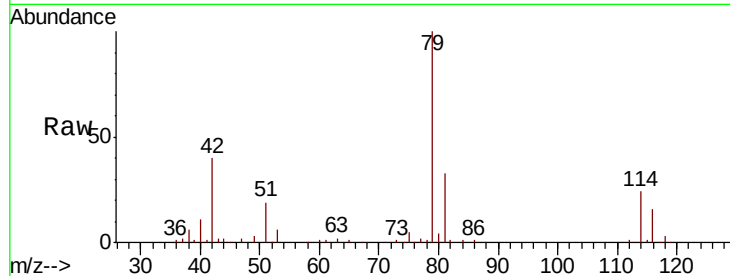
C0AK4RE

Tot Ion: 75 Resp: 4159

Ion Ratio Lower Upper

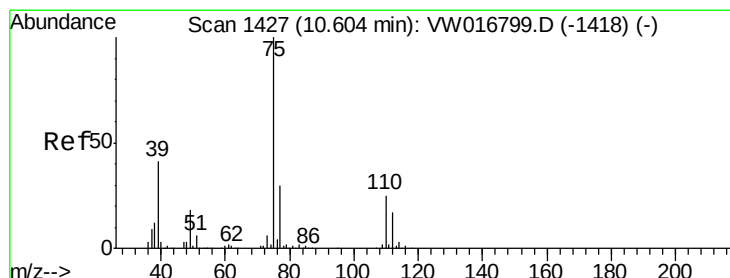
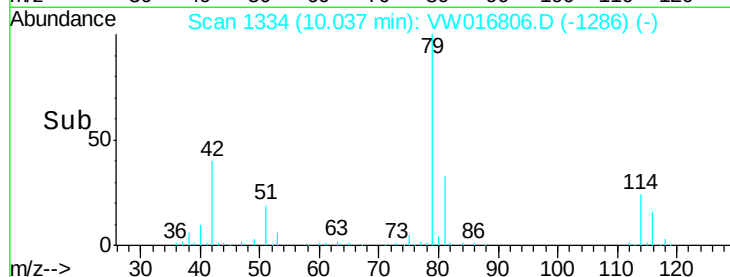
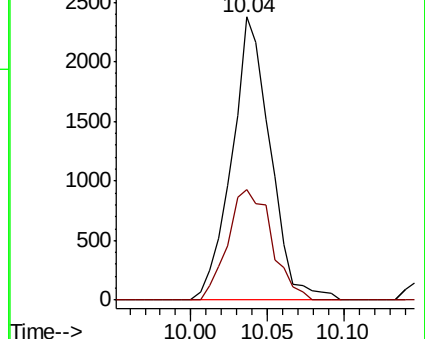
75 100

77 39.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.348 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016806.D

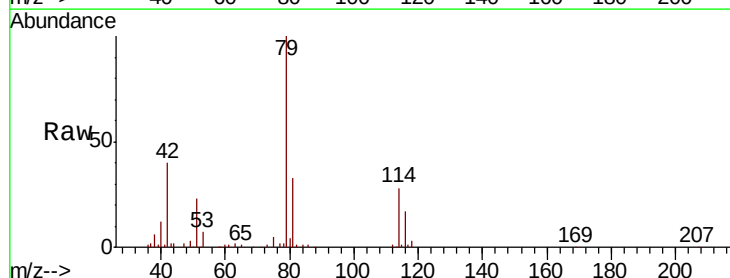
Acq: 06 Oct 2020 20:45

Tgt Ion: 75 Resp: 2161

Ion Ratio Lower Upper

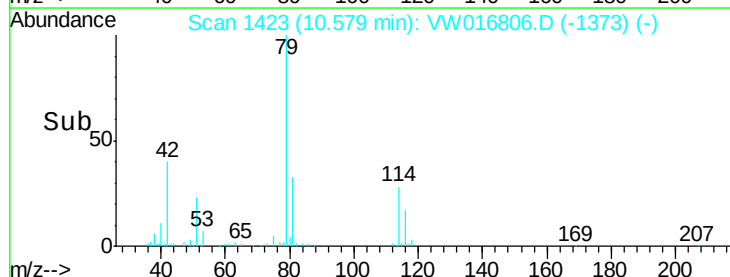
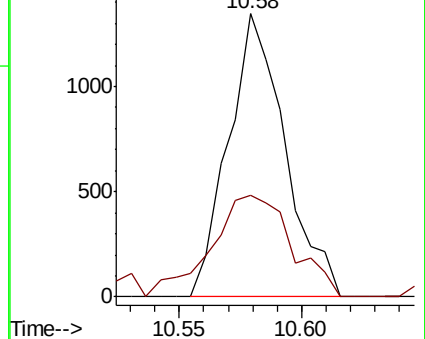
75 100

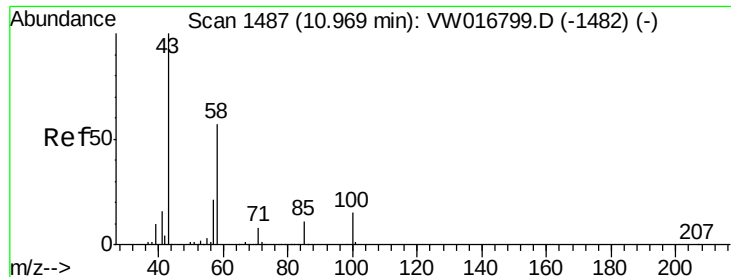
77 36.1 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 7.580 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW016806.D

Acq: 06 Oct 2020 20:45

Instrument :

MSVOA_W

ClientSampleId :

C0AK4RE

Tot Ion: 43 Resp: 11651

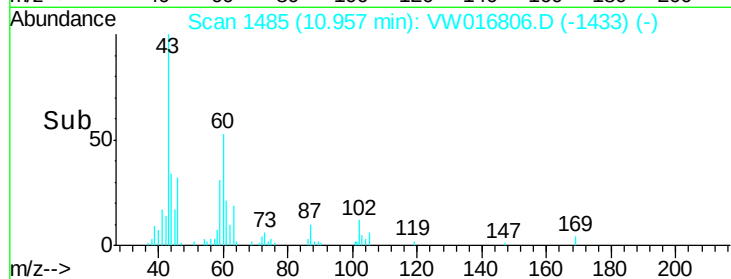
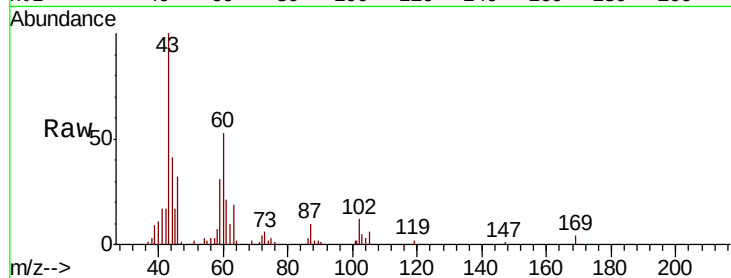
Ion Ratio Lower Upper

43 100

58 0.0 47.1 70.7#

57 1.5 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

