

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017861.D
 Acq On : 13 Jan 2021 20:37
 Operator : SY/VA
 Sample : M1132-07
 Misc : 6.28G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A06

Quant Time: Jan 14 11:43:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	243301	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	222414	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99532	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92329	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
7) Chloroethane-d5	2.89	69	74138	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
10) 1,1-Dichloroethene-d2	4.02	63	123514	18.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.32%
20) 2-Butanone-d5	7.07	46	38030	62.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.66%
24) Chloroform-d	7.65	84	158429	24.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	8.40	65	93	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	312578	24.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.80%
33) 1,2-Dichloropropane-d6	9.27	67	90564	26.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.88%
37) Toluene-d8	10.32	98	286915	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.58	79	35635	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.60%
39) 2-Hexanone-d5	10.93	63	24018	55.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69571	27.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	87993	25.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.56%

Target Compounds

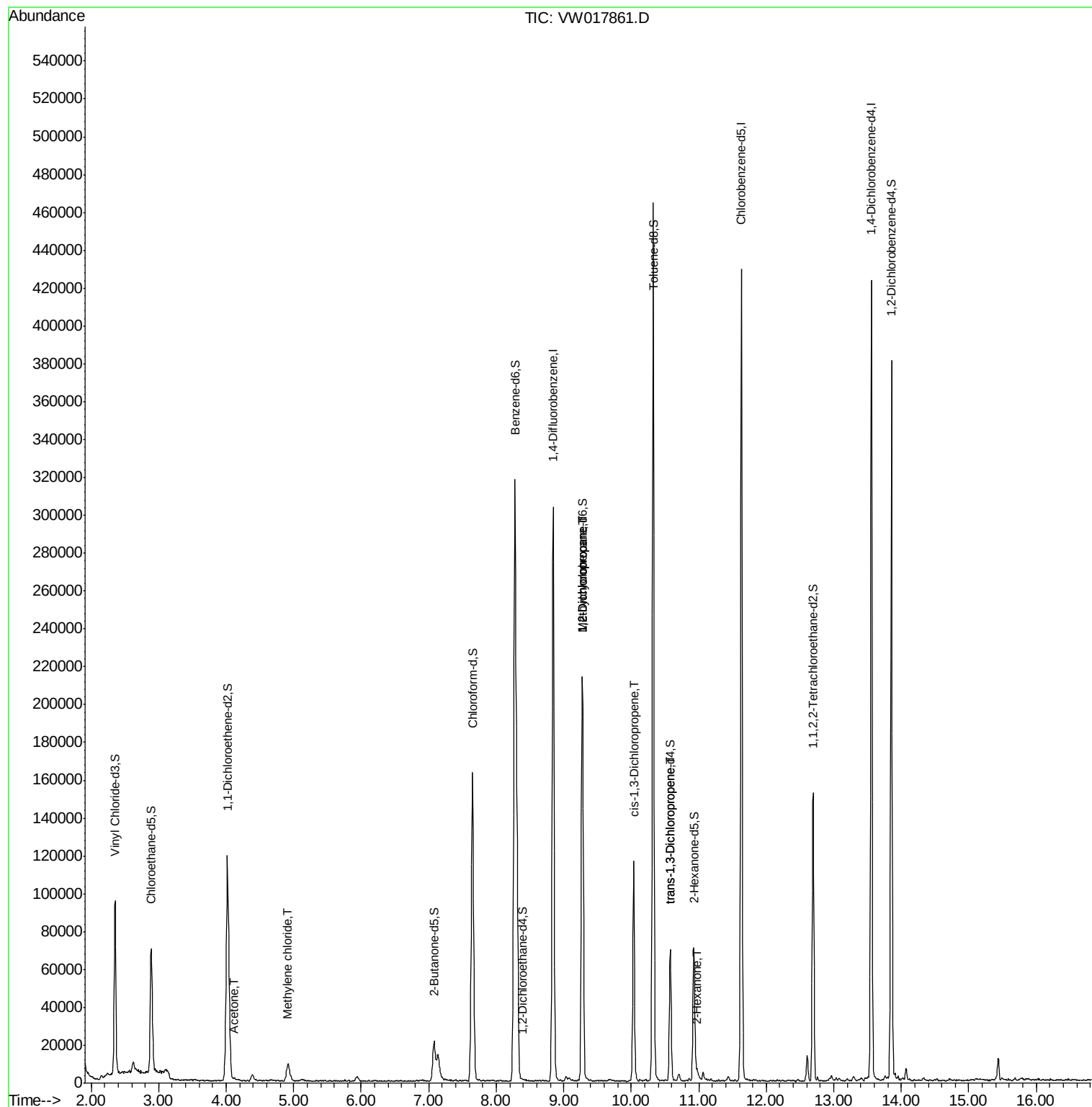
					Qvalue
13) Acetone	4.12	43	1200	2.278 ug/L	96
16) Methylene chloride	4.92	84	6932	1.992 ug/L	93
36) Methylcyclohexane	9.27	83	22197	3.607 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	12087	4.026 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	3636	0.759 ug/L #	79
45) trans-1,3-Dichloropropene	10.58	75	2283	0.560 ug/L #	83
49) 2-Hexanone	10.98	43	1517	1.466 ug/L #	90

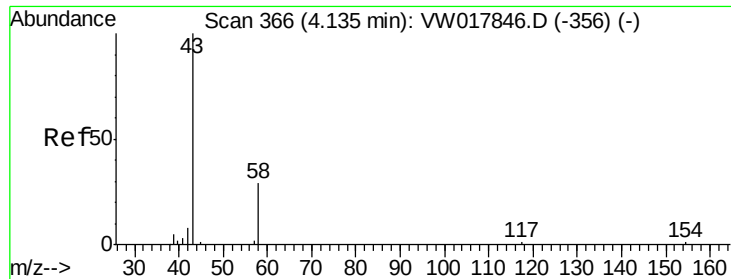
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.278 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW017861.D

Acq: 13 Jan 2021 20:37

Instrument :

MSVOA_W

ClientSampled :

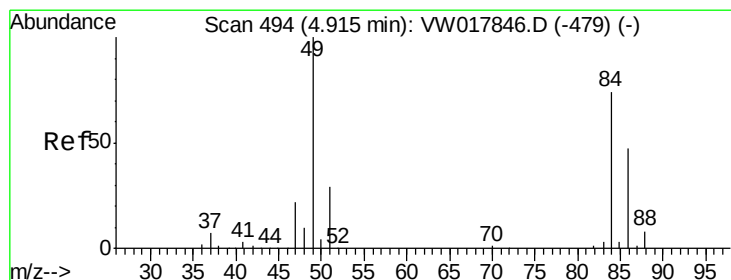
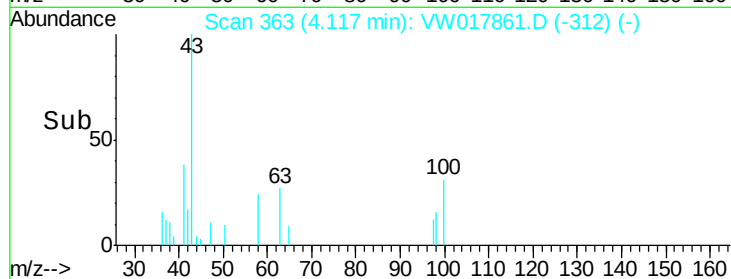
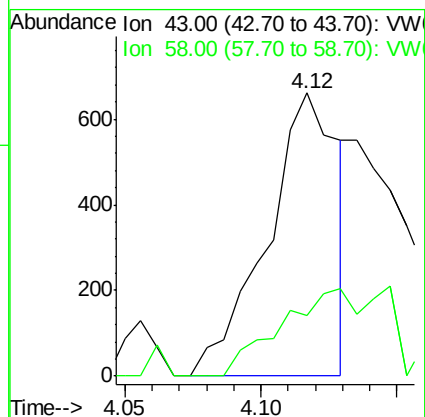
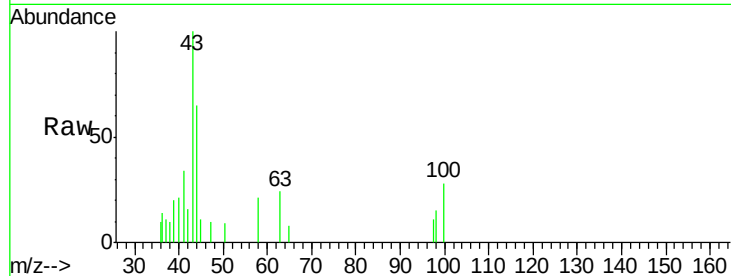
F1A06

Tgt Ion: 43 Resp: 1200

Ion Ratio Lower Upper

43 100

58 32.6 0.0 60.8



#16

Methylene chloride

Concen: 1.992 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017861.D

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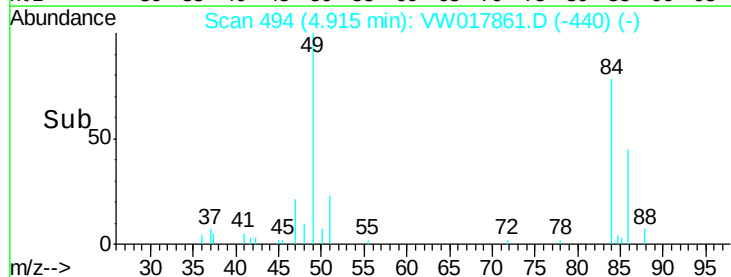
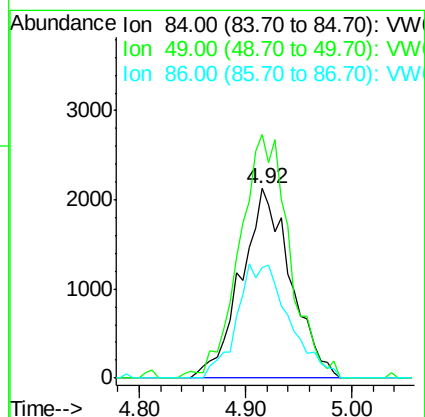
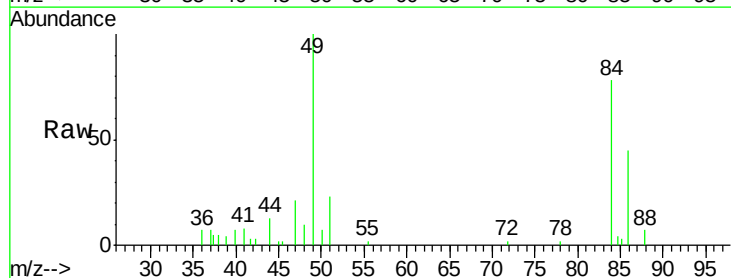
Tgt Ion: 84 Resp: 6932

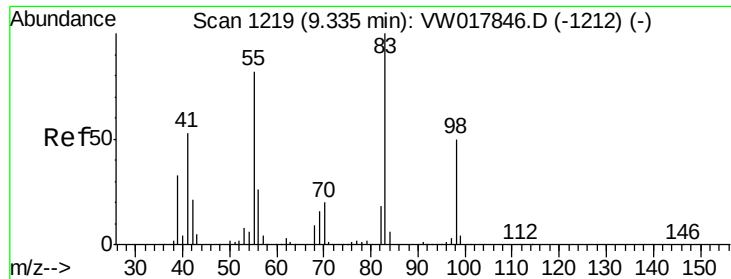
Ion Ratio Lower Upper

84 100

49 122.6 90.5 168.1

86 55.7 44.8 83.2

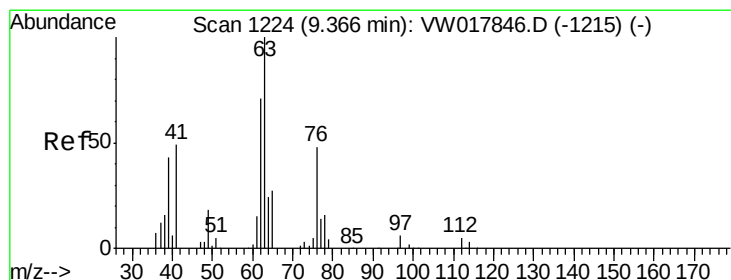
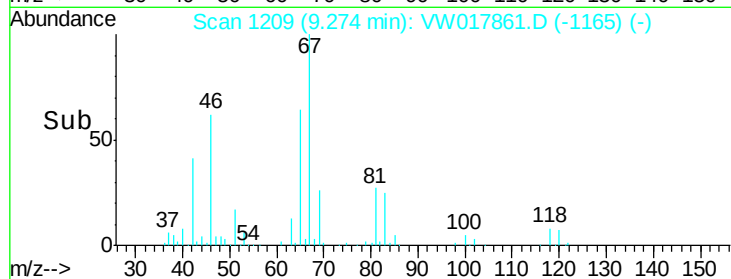
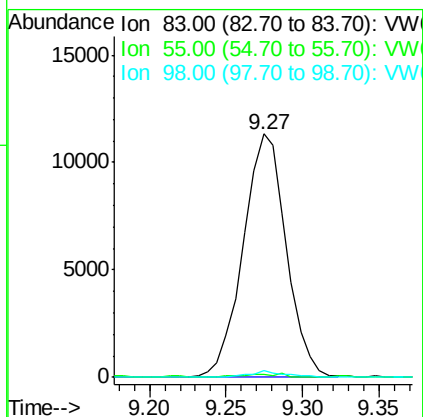
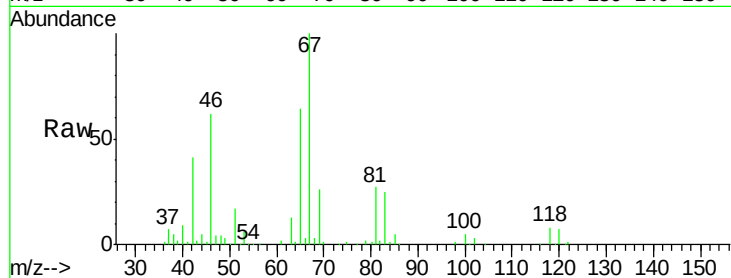




#36
Methylcyclohexane
Concen: 3.607 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017861.D
Acq: 13 Jan 2021 20:37

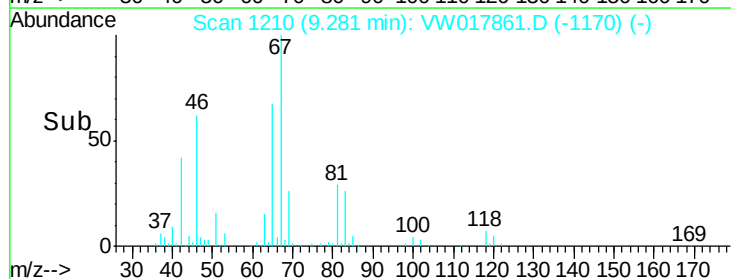
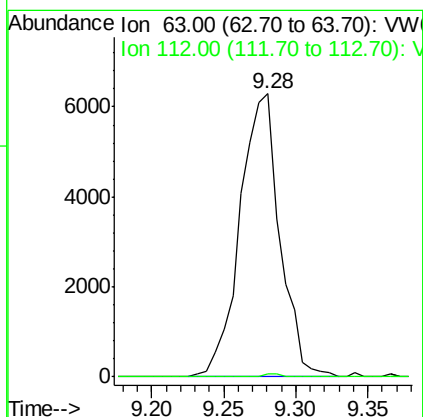
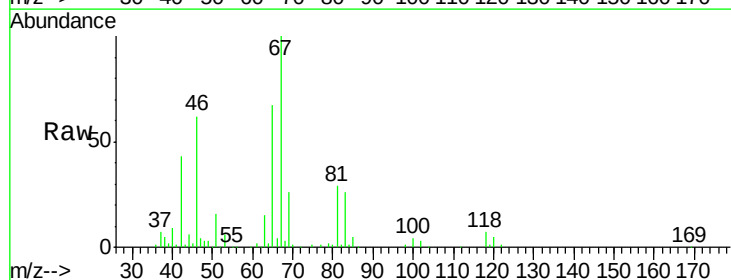
Instrument :
MSVOA_W
ClientSampled :
F1A06

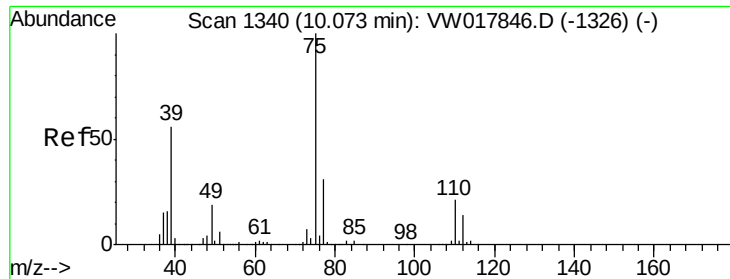
Tgt Ion: 83 Resp: 22197
Ion Ratio Lower Upper
83 100
55 0.6 57.6 86.4#
98 2.2 39.7 59.5#



#40
1,2-Dichloropropane
Concen: 4.026 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017861.D
Acq: 13 Jan 2021 20:37

Tgt Ion: 63 Resp: 12087
Ion Ratio Lower Upper
63 100
112 0.4 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.759 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017861.D

Acq: 13 Jan 2021 20:37

Instrument :

MSVOA_W

ClientSampled :

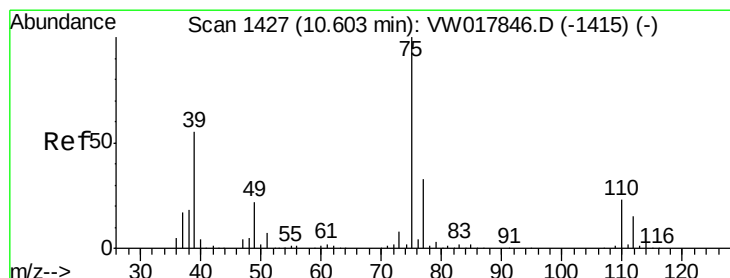
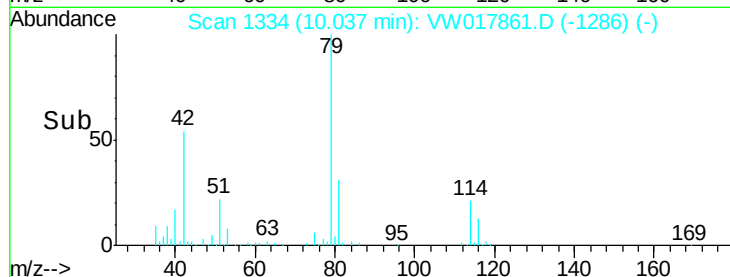
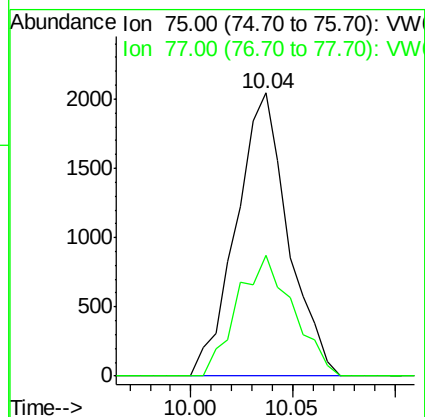
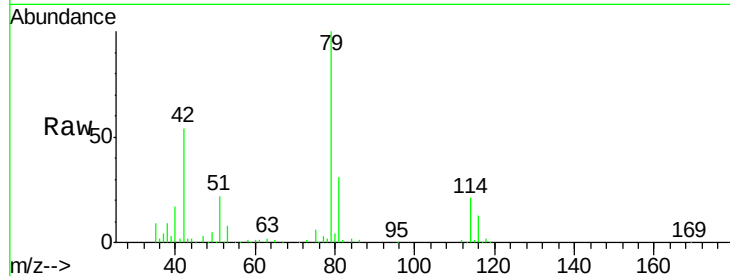
F1A06

Tgt Ion: 75 Resp: 3636

Ion Ratio Lower Upper

75 100

77 42.6 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.560 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017861.D

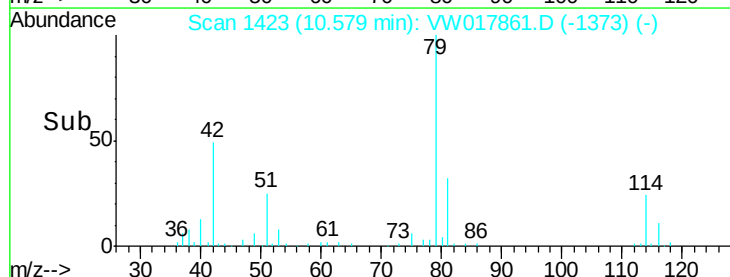
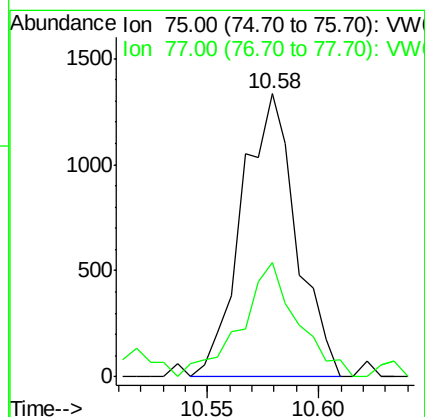
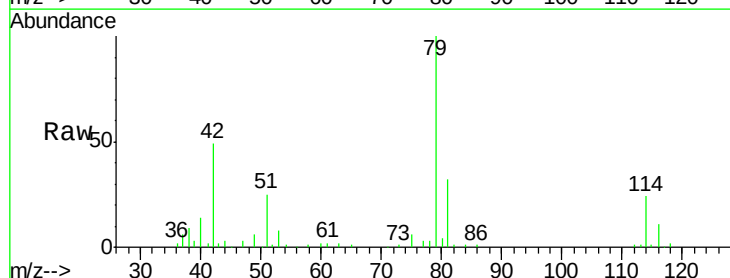
Acq: 13 Jan 2021 20:37

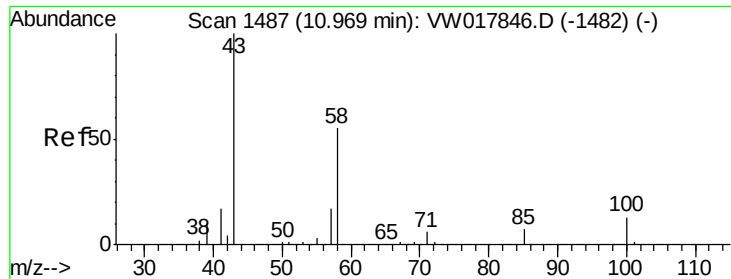
Tgt Ion: 75 Resp: 2283

Ion Ratio Lower Upper

75 100

77 40.2 21.6 40.0#





#49

2-Hexanone

Concen: 1.466 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017861.D

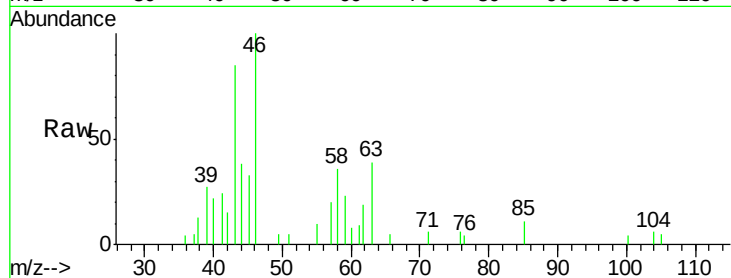
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Tgt Ion: 43 Resp: 1517

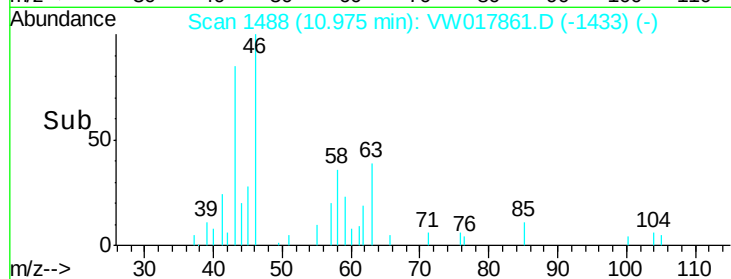
Ion Ratio Lower Upper

43 100

58 47.9 44.2 66.4

57 13.7 16.1 24.1#

100 13.6 11.0 16.4



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

