

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017555.D
 Acq On : 04 Dec 2020 14:54
 Operator : SY/VA
 Sample : L4941-06
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY9

Quant Time: Dec 05 07:38:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	408277	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89611	16.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.72%
7) Chloroethane-d5	2.89	69	79540	17.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.12%
10) 1,1-Dichloroethene-d2	4.12	63	260	0.02	ug/L	0.09
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.08	46	48864	41.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.98%
24) Chloroform-d	7.65	84	239641	20.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.68%
26) 1,2-Dichloroethane-d4	8.31	65	122700	20.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.36%
29) Benzene-d6	8.27	84	444555	20.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.60%
33) 1,2-Dichloropropane-d6	9.27	67	133226	21.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.40%
37) Toluene-d8	10.32	98	392916	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.60%
38) trans-1,3-Dichloropropene-	10.58	79	47690	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.68%
39) 2-Hexanone-d5	10.93	63	28963	37.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93884	20.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	107396	19.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.96%

Target Compounds

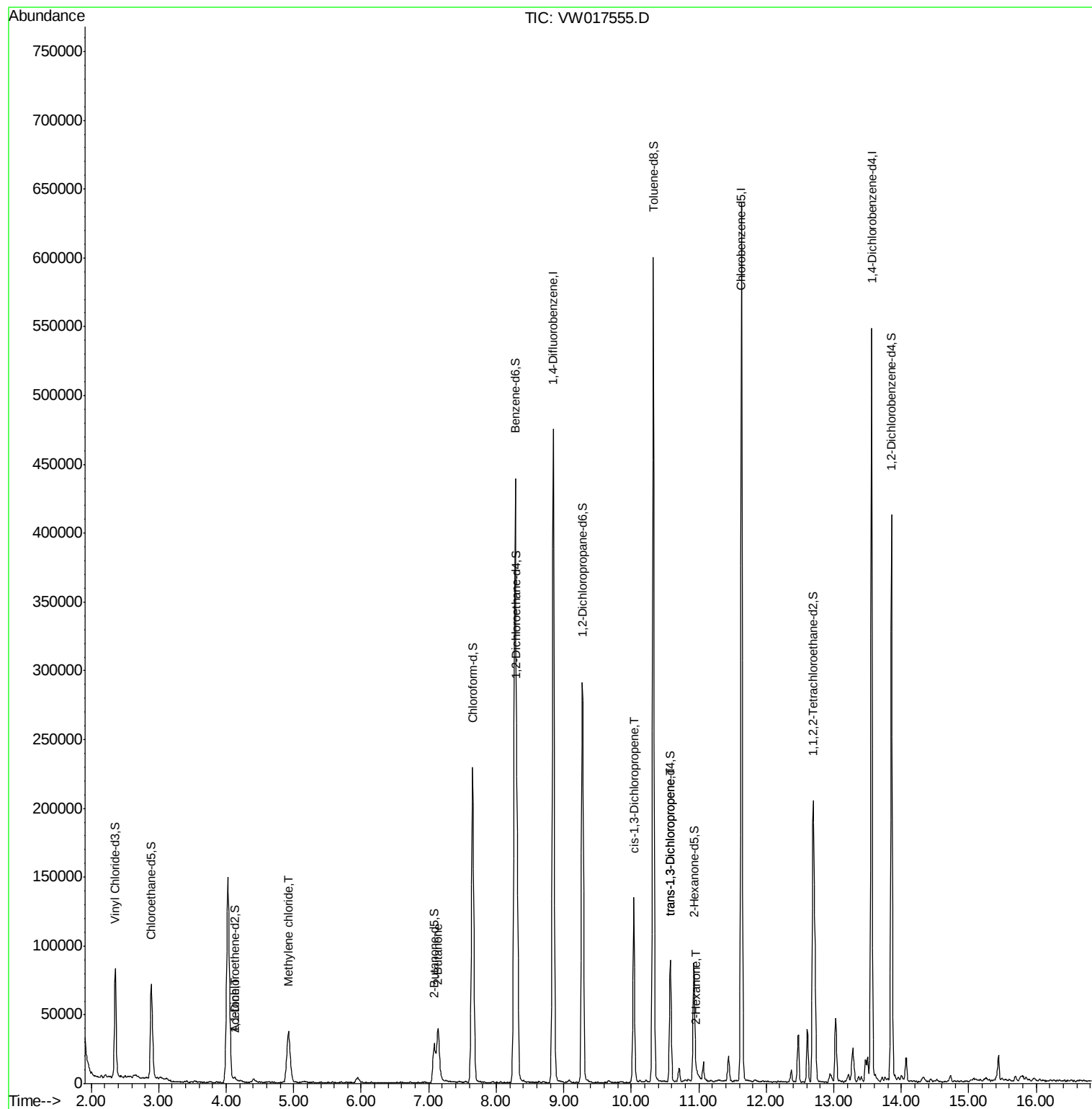
					Ovalue
13) Acetone	4.14	43	5817	5.073 ug/L	72
16) Methylene chloride	4.93	84	31346	5.092 ug/L	94
21) 2-Butanone	7.15	43	1051	0.773 ug/L	78
42) cis-1,3-Dichloropropene	10.04	75	3674	0.470 ug/L #	81
45) trans-1,3-Dichloropropene	10.58	75	2404	0.357 ug/L	93
49) 2-Hexanone	10.97	43	1007	0.587 ug/L #	81

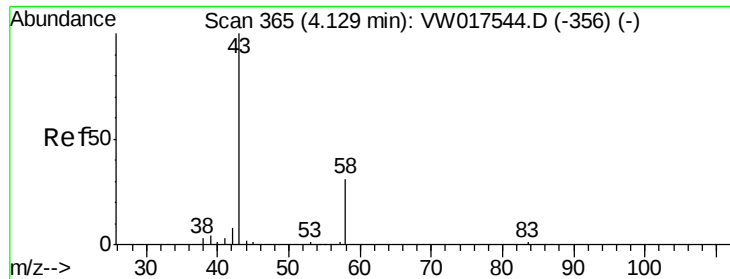
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 05 07:36:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.073 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 04 Dec 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

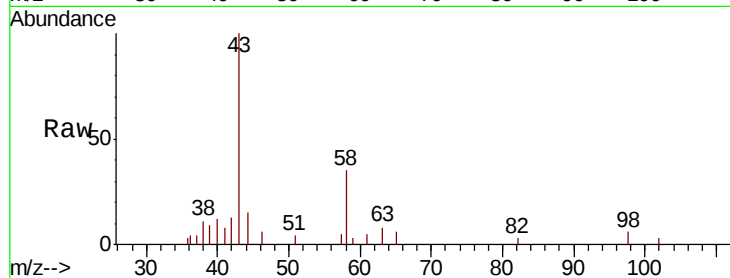
C0AY9

Tot Ion: 43 Resp: 5817

Ion Ratio Lower Upper

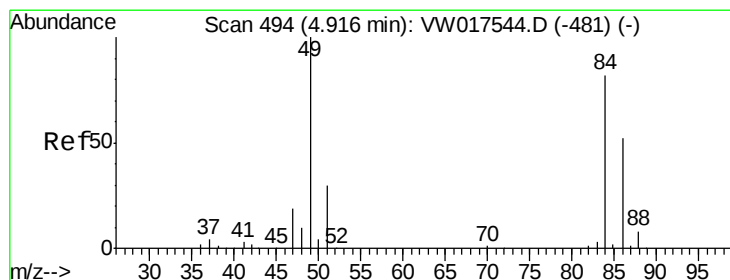
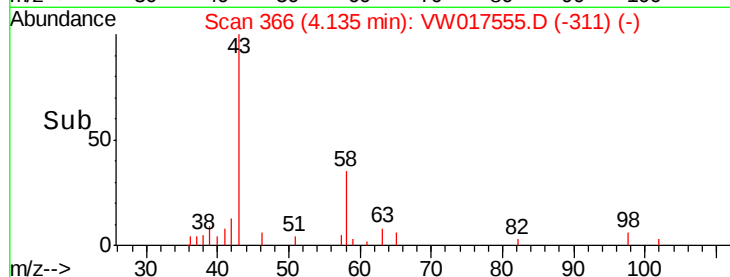
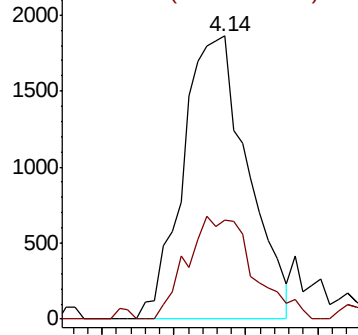
43 100

58 17.9 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.092 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017555.D

Acq: 04 Dec 2020 14:54

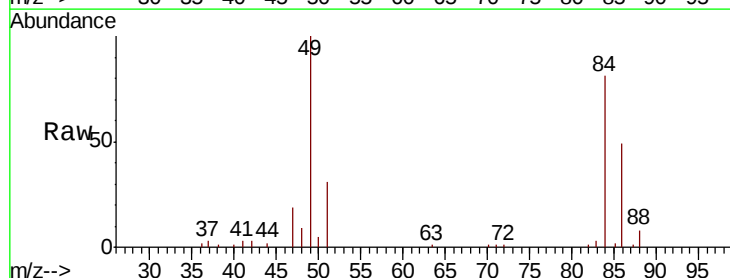
Tgt Ion: 84 Resp: 31346

Ion Ratio Lower Upper

84 100

49 122.8 81.2 150.8

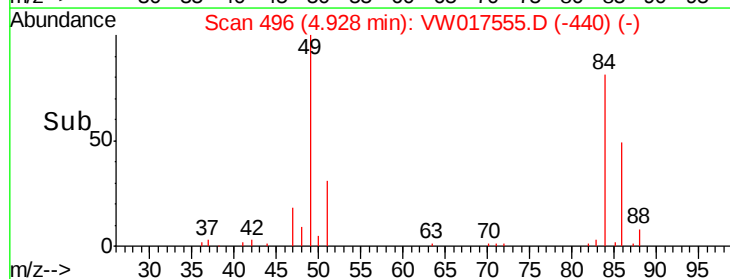
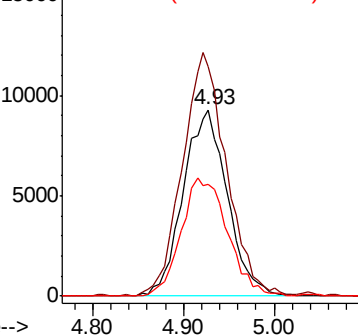
86 59.8 44.5 82.7

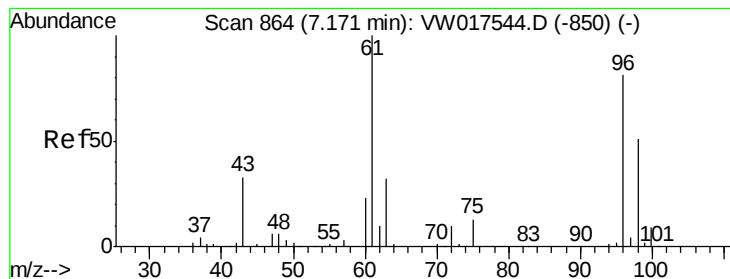


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.773 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

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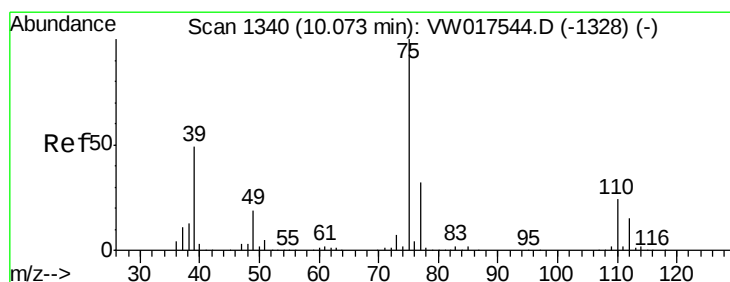
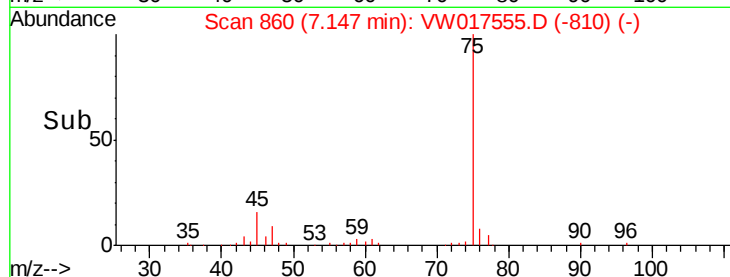
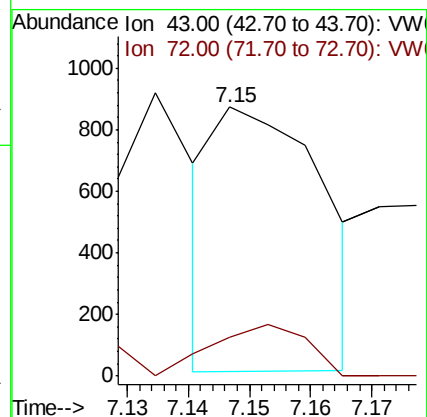
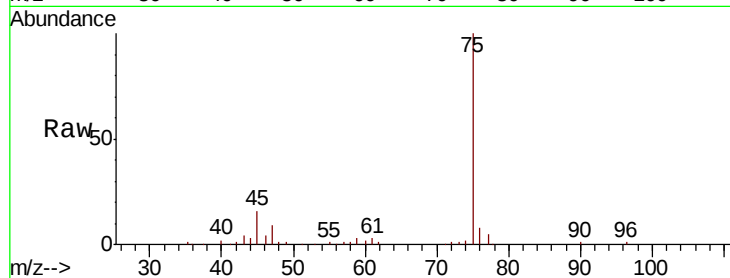
Instrument :
MSVOA_W
ClientSampleId :
C0AY9

Tot Ion: 43 Resp: 1051

Ion Ratio Lower Upper

43 100

72 17.0 14.4 43.2



#42

cis-1,3-Dichloropropene

Concen: 0.470 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017555.D

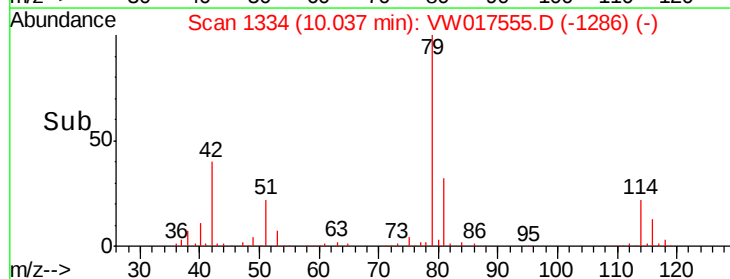
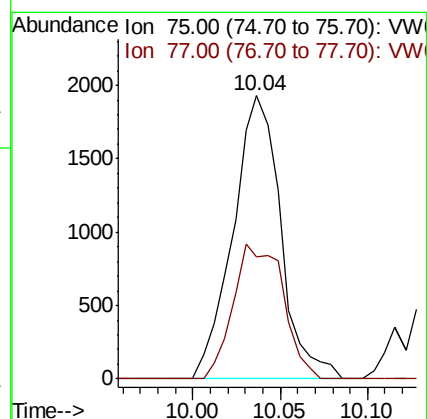
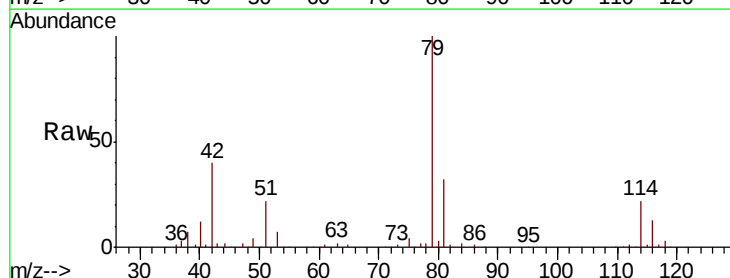
Acq: 04 Dec 2020 14:54

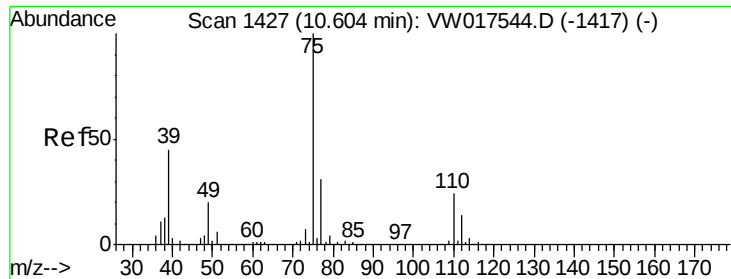
Tgt Ion: 75 Resp: 3674

Ion Ratio Lower Upper

75 100

77 42.9 22.7 42.3#





#45

trans-1,3-Dichloropropene

Concen: 0.357 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017555.D

Acq: 04 Dec 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

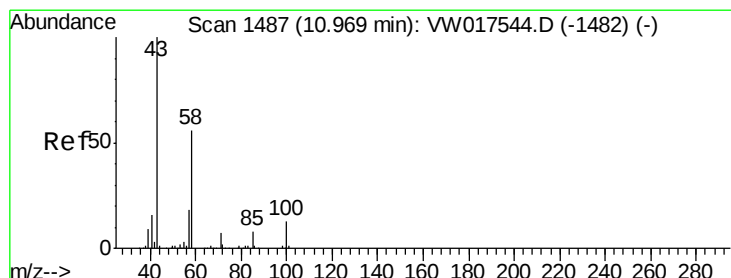
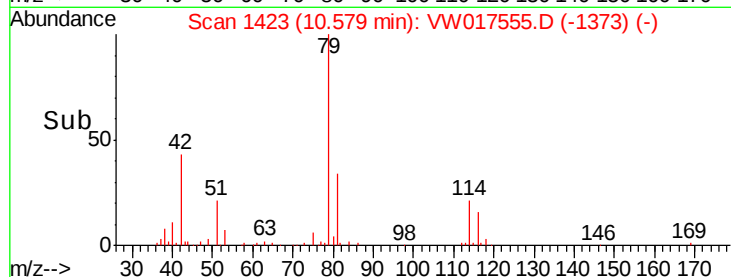
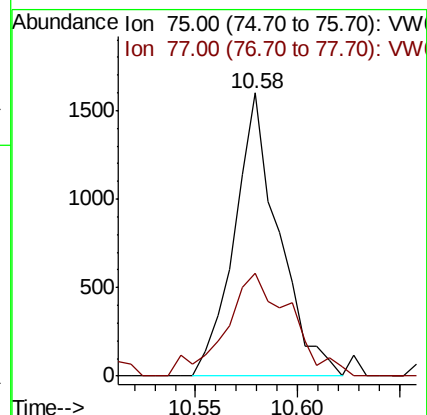
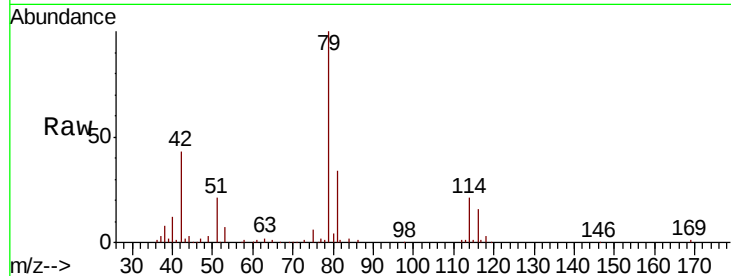
C0AY9

Tot Ion: 75 Resp: 2404

Ion Ratio Lower Upper

75 100

77 36.1 22.6 42.0



#49

2-Hexanone

Concen: 0.587 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017555.D

Acq: 04 Dec 2020 14:54

Tgt Ion: 43 Resp: 1007

Ion Ratio Lower Upper

43 100

58 53.5 51.3 76.9

57 28.6 15.0 22.6#

100 0.0 12.2 18.2#

