

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120820\
 Data File : VW017589.D
 Acq On : 08 Dec 2020 11:06
 Operator : SY/VA
 Sample : L4941-23
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 06:20:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 06:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	380989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351188	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172812	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112385	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
7) Chloroethane-d5	2.90	69	94942	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
10) 1,1-Dichloroethene-d2	4.03	63	192378	17.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.96%
20) 2-Butanone-d5	7.08	46	60706	57.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.88%
24) Chloroform-d	7.65	84	263110	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.31	65	142401	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.24%
29) Benzene-d6	8.28	84	505378	23.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.60%
33) 1,2-Dichloropropane-d6	9.27	67	148368	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.32%
37) Toluene-d8	10.33	98	458702	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.28%
38) trans-1,3-Dichloropropene-	10.58	79	62561	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.93	63	39040	52.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115647	26.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	162836	25.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.80%

Target Compounds

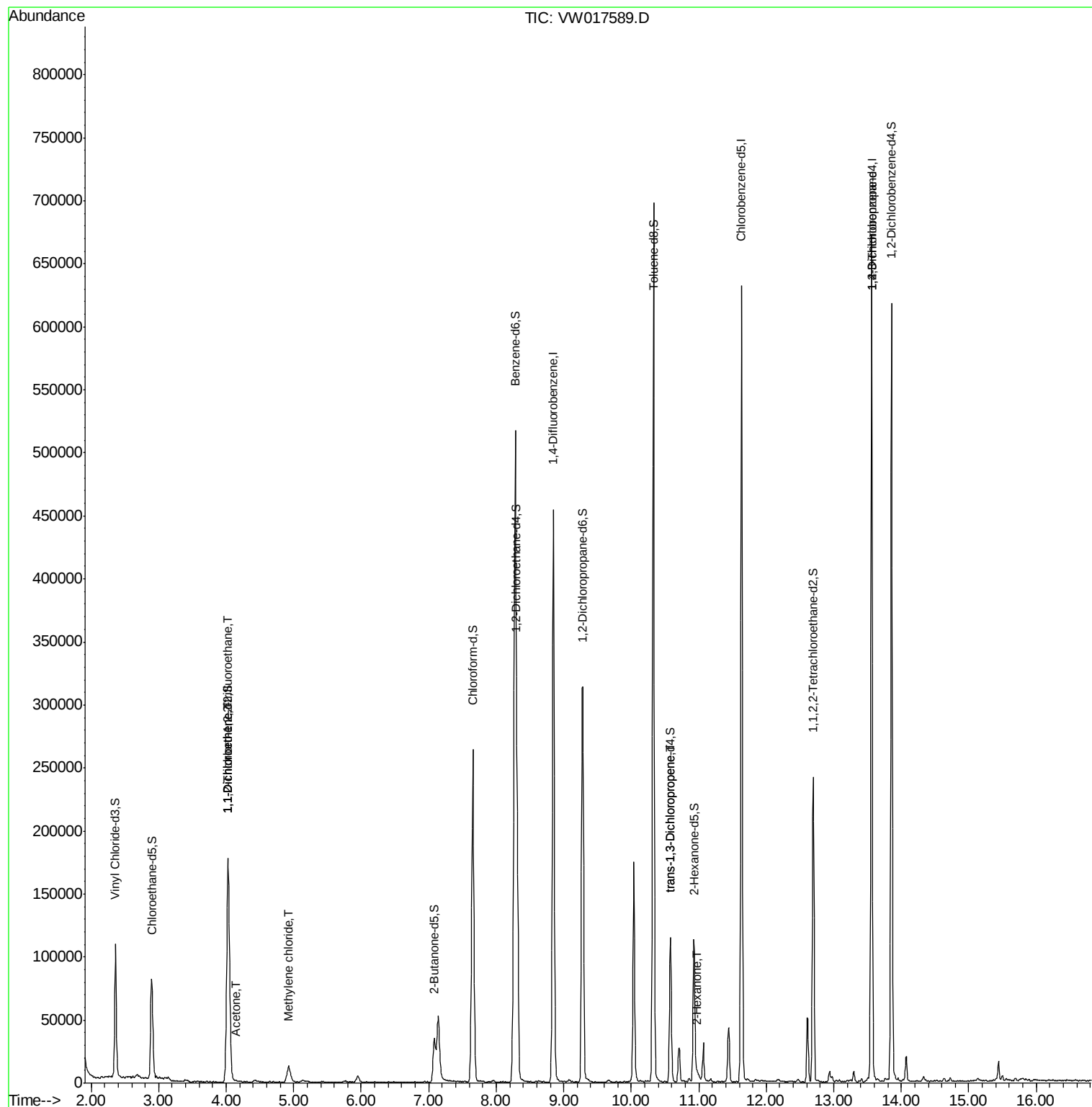
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1426	0.263 ug/L #	35
12) 1,1-Dichloroethene	4.02	96	1718	0.325 ug/L #	1
13) Acetone	4.14	43	568	0.558 ug/L	91
16) Methylene chloride	4.93	84	10008	1.750 ug/L	90
45) trans-1,3-Dichloropropene	10.59	75	3241	0.493 ug/L	97
49) 2-Hexanone	10.98	43	990	0.614 ug/L #	41
59) 1,2,3-Trichloropropane	13.56	75	20887	7.078 ug/L	97

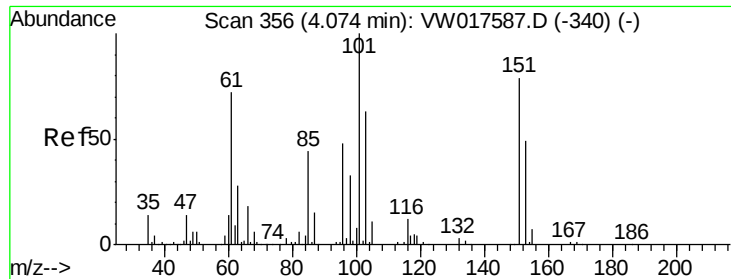
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 20 06:19:27 2020
Response via : Initial Calibration





#11

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

Concen: 0.263 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017589.D

Acq: 08 Dec 2020 11:06

Instrument :

MSVOA_W

ClientSampled :

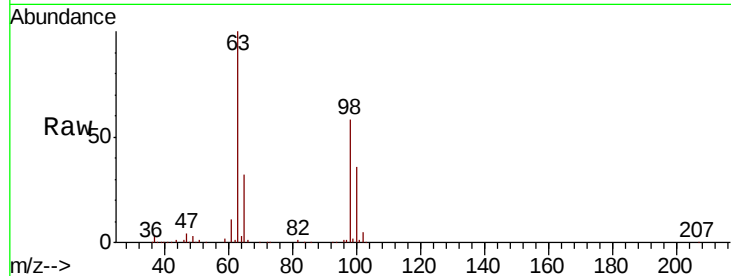
Tot Ion:101 Resp: 1426

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

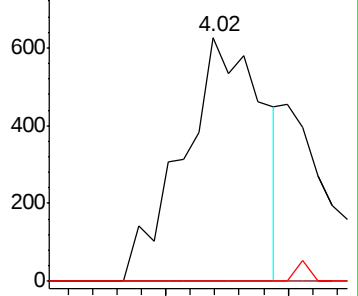
151 0.0 30.4 45.6#



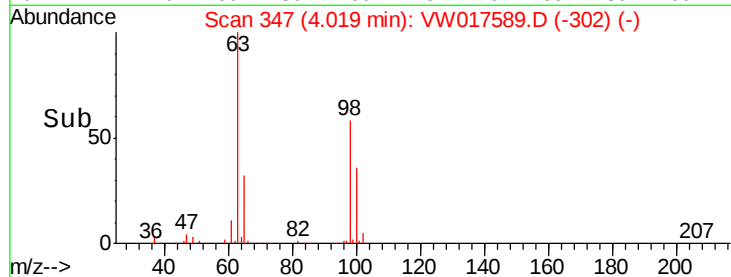
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.325 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017589.D

Acq: 08 Dec 2020 11:06

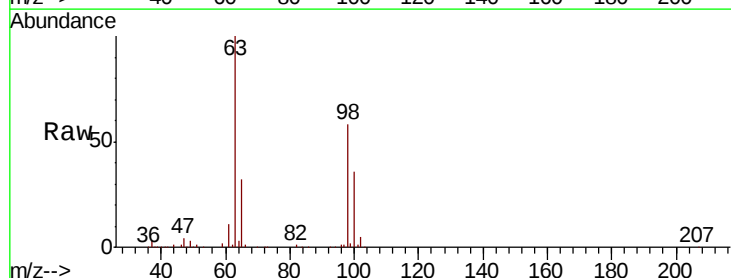
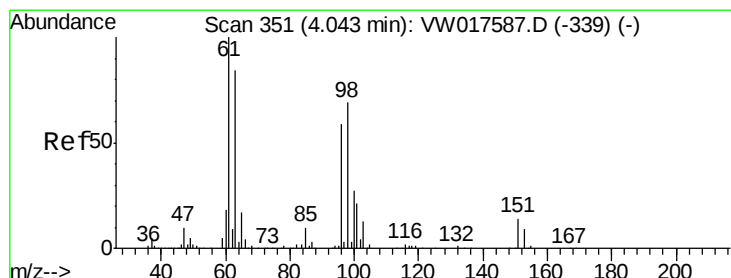
Tgt Ion: 96 Resp: 1718

Ion Ratio Lower Upper

96 100

61 1150.0 112.5 208.9#

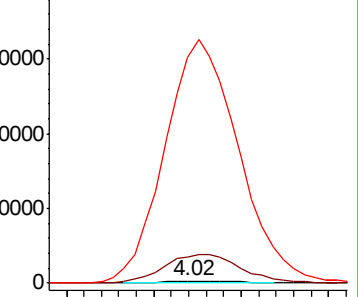
63 10129.8 83.1 154.3#



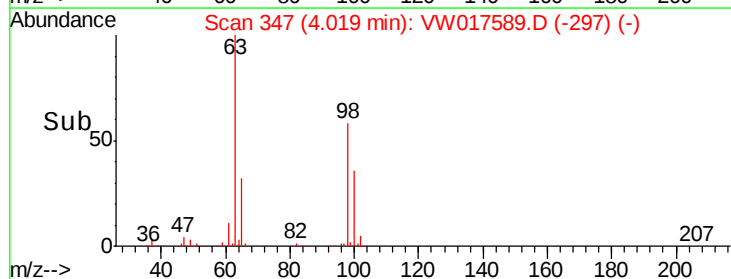
Abundance Ion 96.00 (95.70 to 96.70): VW

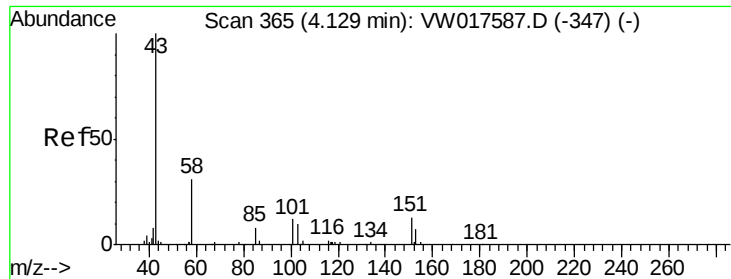
Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



Time-->





#13

Acetone

Concen: 0.558 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017589.D

Acq: 08 Dec 2020 11:06

Instrument :

MSVOA_W

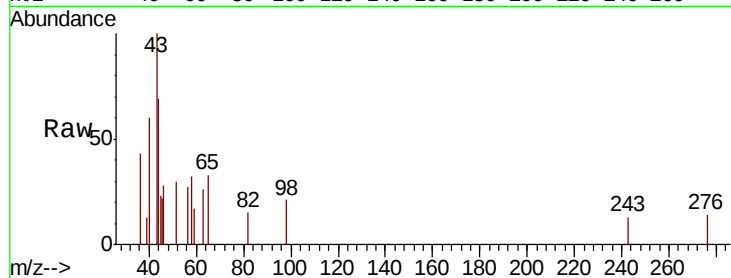
ClientSampleId :

Tot Ion: 43 Resp: 568

Ion Ratio Lower Upper

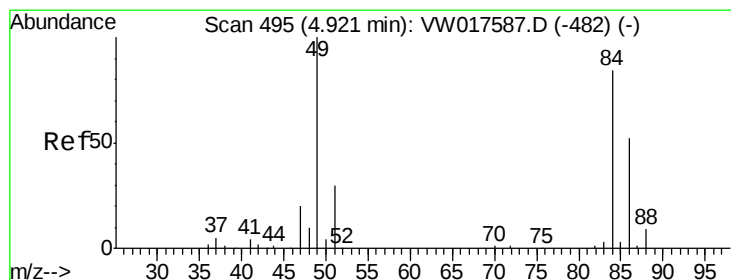
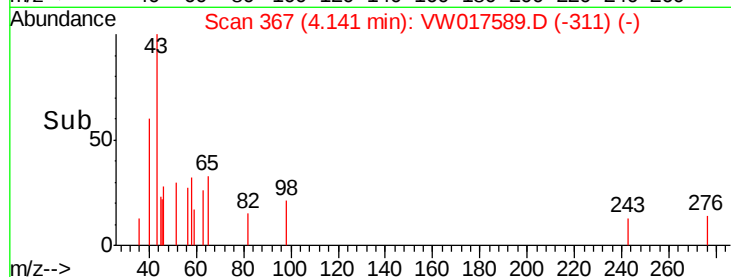
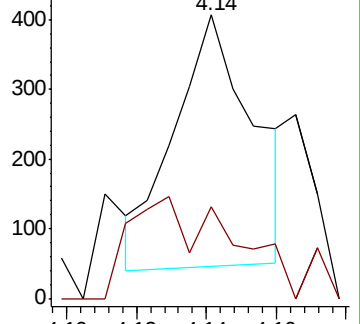
43 100

58 28.9 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: 1.750 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017589.D

Acq: 08 Dec 2020 11:06

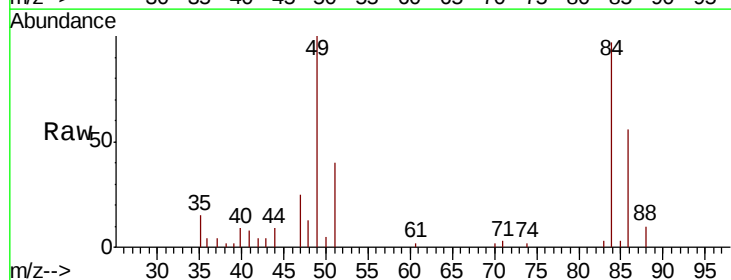
Tgt Ion: 84 Resp: 10008

Ion Ratio Lower Upper

84 100

49 103.5 81.2 150.8

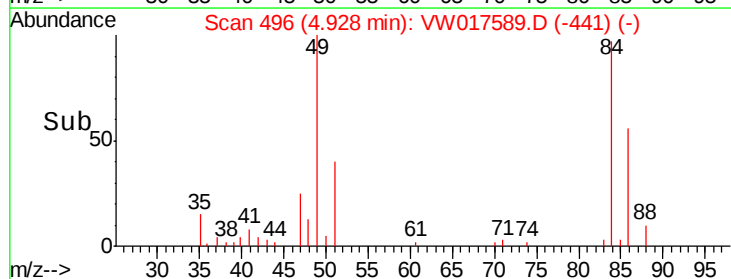
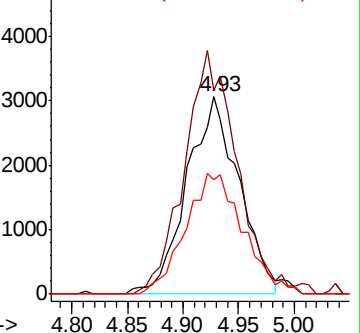
86 57.6 44.5 82.7

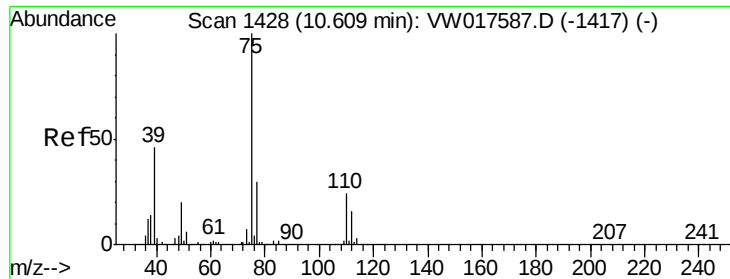


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017589.D

Acq: 08 Dec 2020 11:06

Instrument :

MSVOA_W

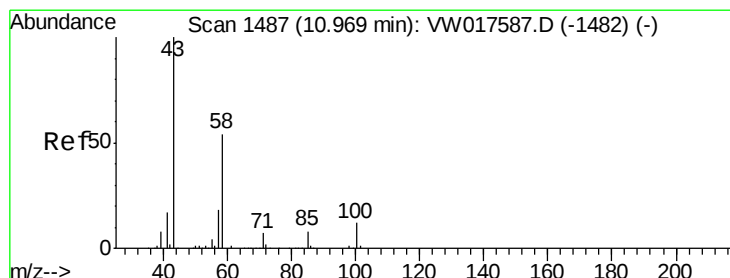
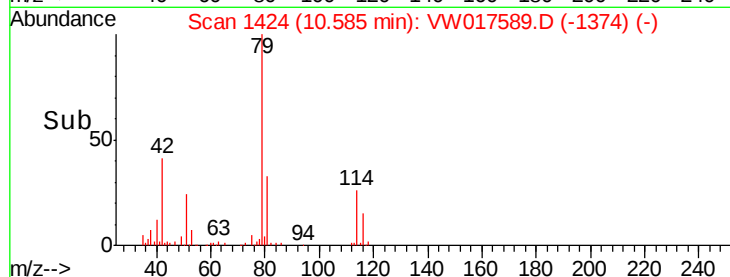
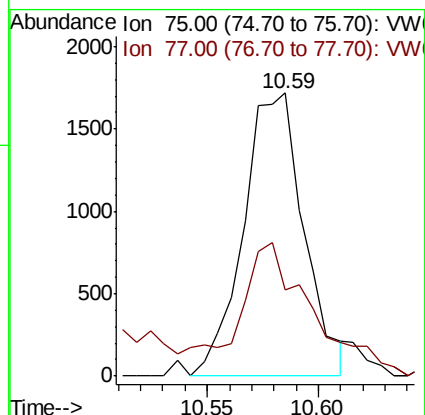
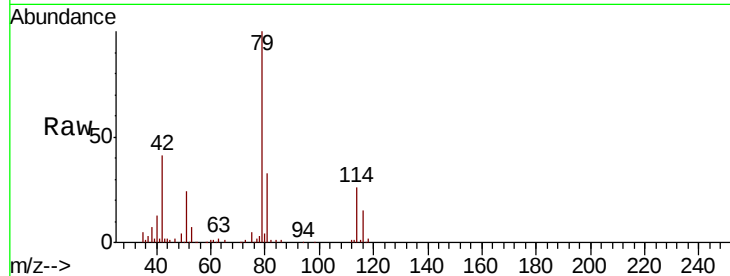
ClientSampleId :

Tot Ion: 75 Resp: 3241

Ion Ratio Lower Upper

75 100

77 30.4 22.6 42.0



#49

2-Hexanone

Concen: 0.614 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017589.D

Acq: 08 Dec 2020 11:06

Tgt Ion: 43 Resp: 990

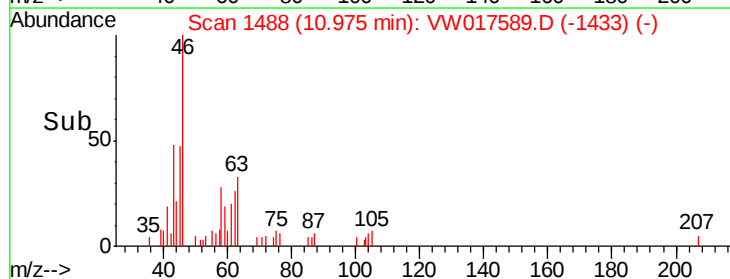
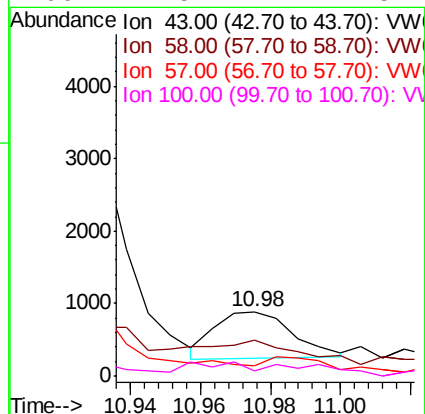
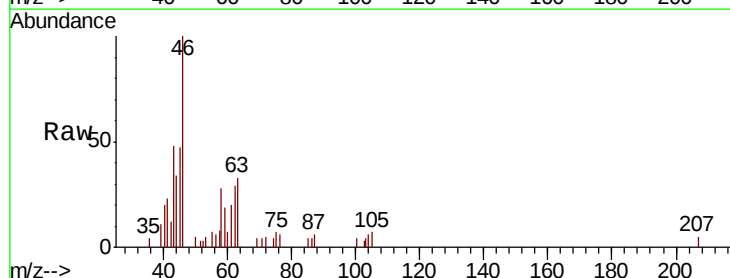
Ion Ratio Lower Upper

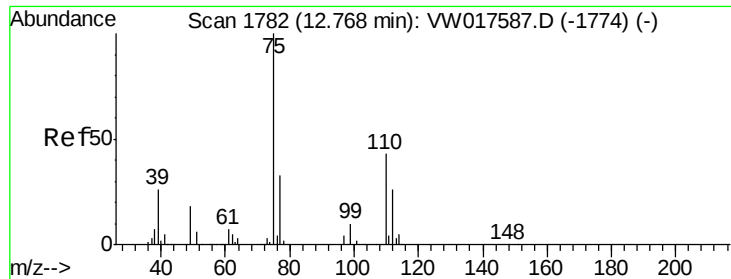
43 100

58 131.7 51.3 76.9#

57 20.3 15.0 22.6

100 21.5 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 7.078 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017589.D

Acq: 08 Dec 2020 11:06

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 20887

Ion Ratio Lower Upper

75 100

77 35.0 26.6 39.8

