

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015883.D
 Acq On : 21 Jul 2020 13:09
 Operator : SY/VA
 Sample : L3341-04
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY5

Quant Time: Jul 21 15:05:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 21 14:55:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	397904	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346378	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129258	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132729	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.56%
7) Chloroethane-d5	2.90	69	108906	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.52%
10) 1,1-Dichloroethene-d2	4.01	63	195033	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.72%
20) 2-Butanone-d5	7.08	46	73773	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
24) Chloroform-d	7.65	84	237498	21.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	8.31	65	142141	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.27	84	479313	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	9.27	67	145802	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.28%
37) Toluene-d8	10.33	98	415164	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	10.58	79	62883	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.36%
39) 2-Hexanone-d5	10.93	63	59007	56.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114829	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	112948	22.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.64%

Target Compounds

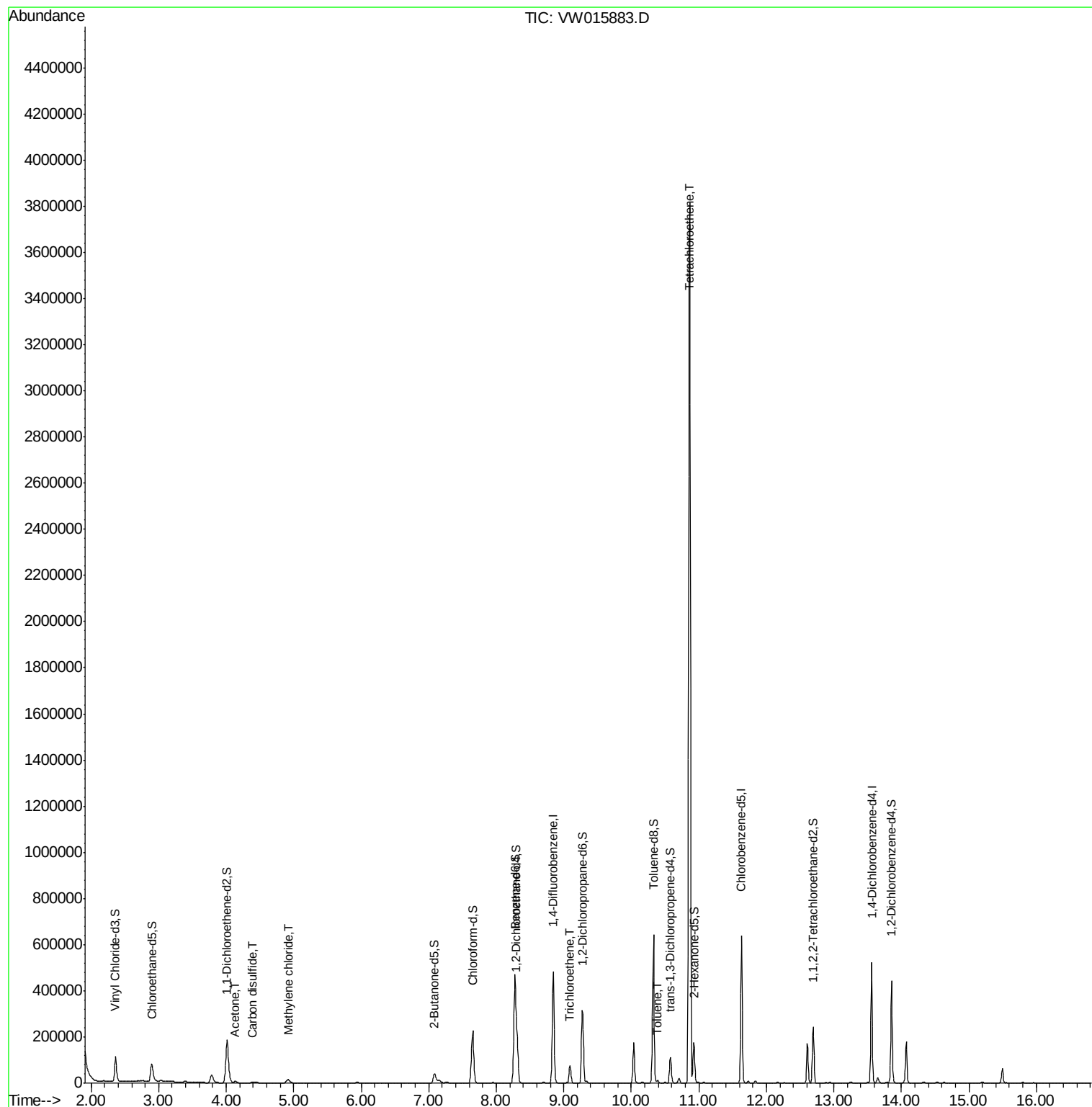
					Ovalue
13) Acetone	4.14	43	13098	10.575	ug/L 97
14) Carbon disulfide	4.38	76	5912	0.366	ug/L 100
16) Methylene chloride	4.92	84	12073	1.852	ug/L 95
35) Trichloroethene	9.09	95	26651	4.789	ug/L 98
44) Toluene	10.39	91	8445	0.383	ug/L 99
47) Tetrachloroethene	10.87	164	838752	194.169	ug/L 94

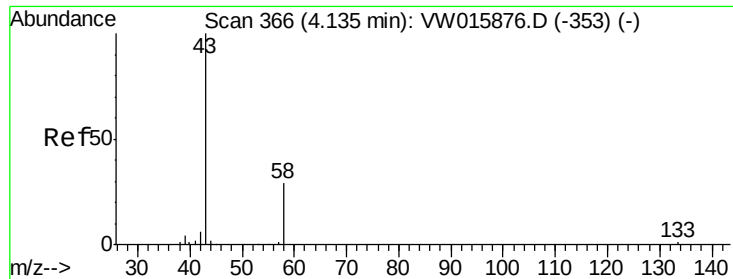
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.575 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW015883.D

Acq: 21 Jul 2020 13:09

Instrument :

MSVOA_W

ClientSampleId :

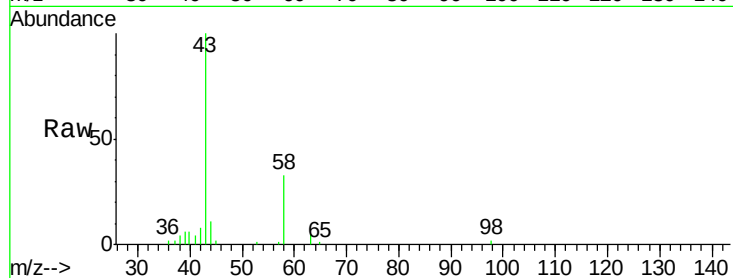
GAXY5

Tot Ion: 43 Resp: 13098

Ion Ratio Lower Upper

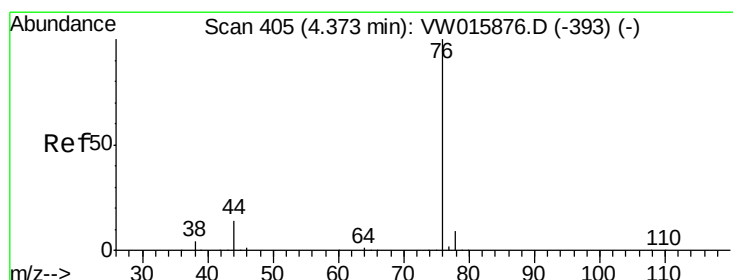
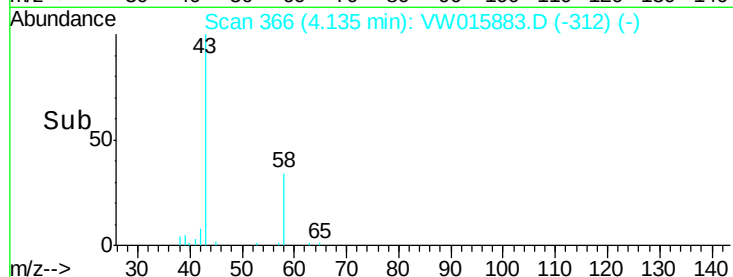
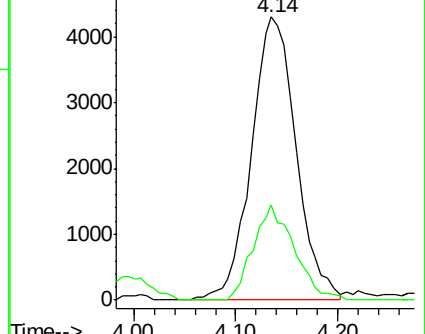
43 100

58 30.8 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.366 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW015883.D

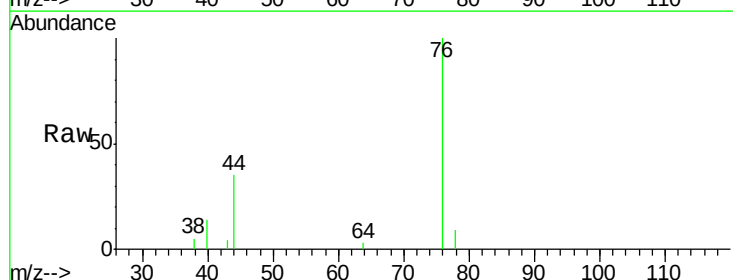
Acq: 21 Jul 2020 13:09

Tgt Ion: 76 Resp: 5912

Ion Ratio Lower Upper

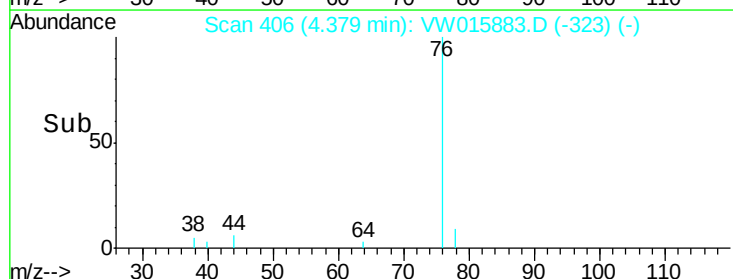
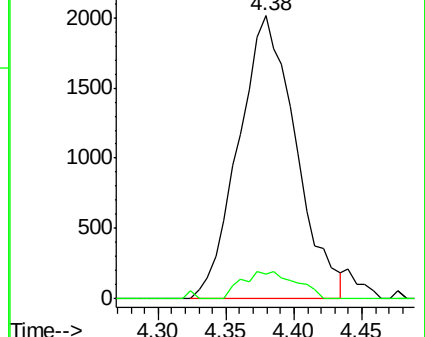
76 100

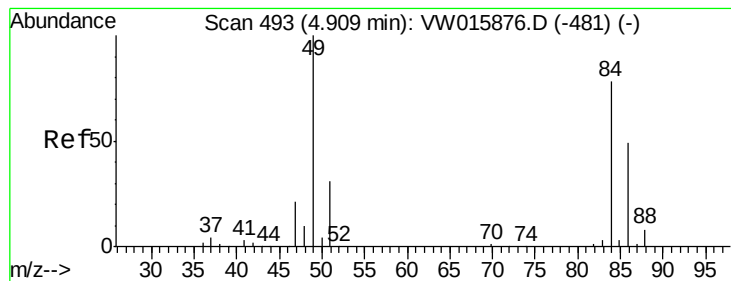
78 9.0 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methvlene chloride

Concen: 1.852 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW015883.D

Acq: 21 Jul 2020 13:09

Instrument :

MSVOA_W

ClientSampleId :

GAXY5

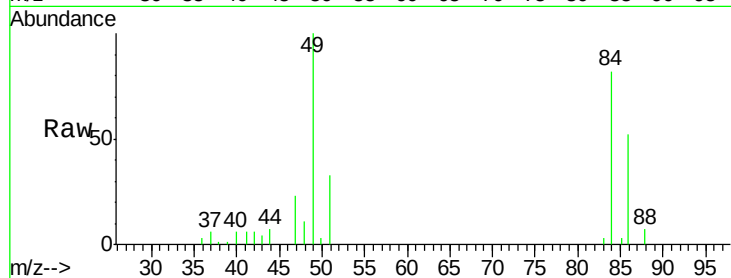
Tot Ion: 84 Resp: 12073

Ion Ratio Lower Upper

84 100

49 122.1 91.1 169.1

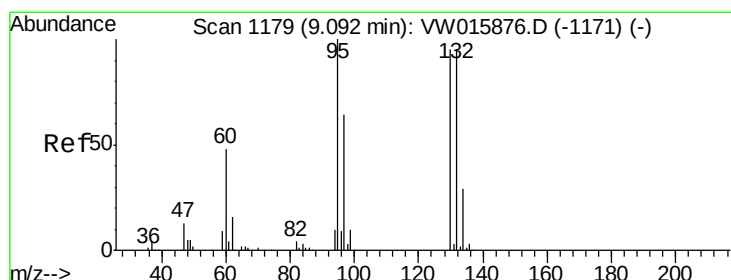
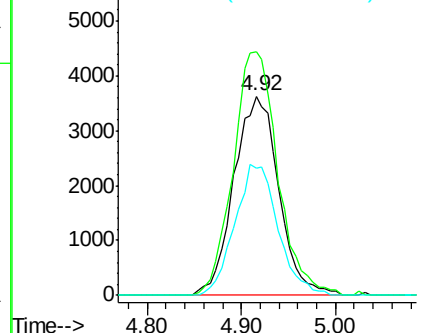
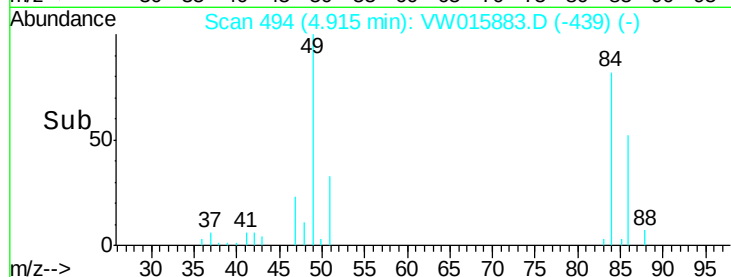
86 64.0 46.0 85.4



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



#35

Trichloroethene

Concen: 4.789 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015883.D

Acq: 21 Jul 2020 13:09

Tgt Ion: 95 Resp: 26651

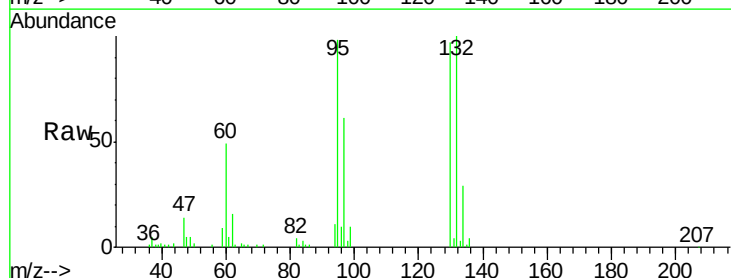
Ion Ratio Lower Upper

95 100

97 63.2 44.4 82.4

132 95.4 65.1 120.9

130 95.1 68.6 127.4

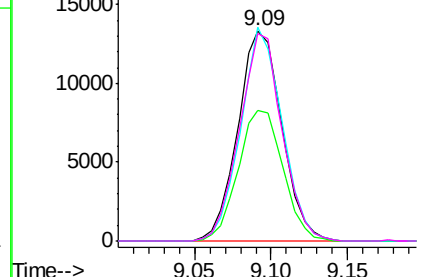
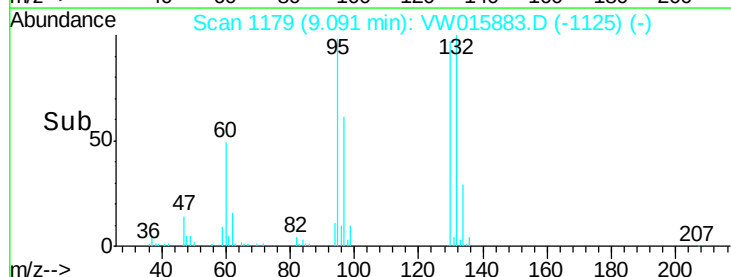


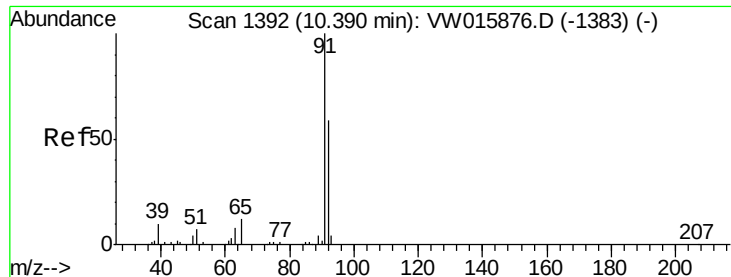
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 0.383 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015883.D

Acq: 21 Jul 2020 13:09

Instrument :

MSVOA_W

ClientSampled :

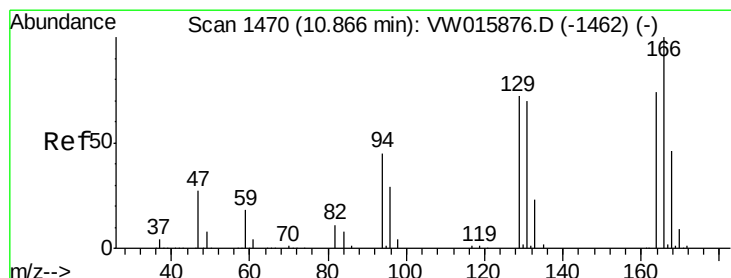
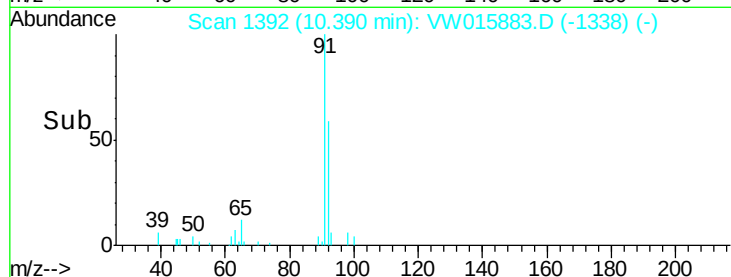
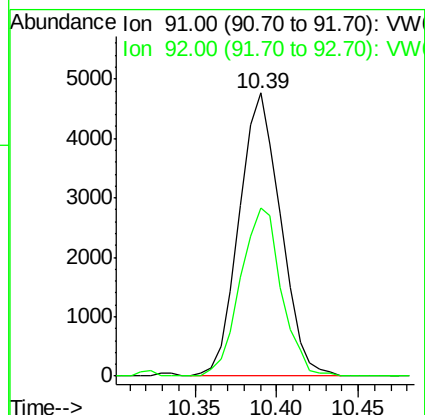
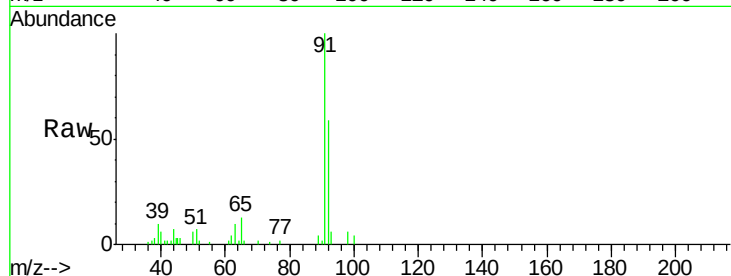
GAXY5

Tot Ion: 91 Resp: 8445

Ion Ratio Lower Upper

91 100

92 59.4 41.2 76.4



#47

Tetrachloroethene

Concen: 194.169 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW015883.D

Acq: 21 Jul 2020 13:09

Tgt Ion: 164 Resp: 838752

Ion Ratio Lower Upper

164 100

129 93.9 70.0 130.0

131 92.4 67.3 124.9

166 135.2 88.5 164.3

