

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015182.D
 Acq On : 10 Apr 2020 16:08
 Operator : SY/VA
 Sample : L2176-09
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 06:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 13:10:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1200712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1033207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	442383	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	335046	29.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.00%
7) Chloroethane-d5	2.89	69	221882	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.60%
10) 1,1-Dichloroethene-d2	4.02	63	543734	18.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.32%
20) 2-Butanone-d5	7.07	46	156637	40.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.66%
24) Chloroform-d	7.65	84	637495	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	8.31	65	300116	21.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.60%
29) Benzene-d6	8.27	84	1445151	25.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.12%
33) 1,2-Dichloropropane-d6	9.27	67	414117	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.72%
37) Toluene-d8	10.32	98	1313045	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.04%
38) trans-1,3-Dichloropropene-	10.57	79	175364	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.92	63	133319	42.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	269877	20.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	367754	23.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.80%

Target Compounds

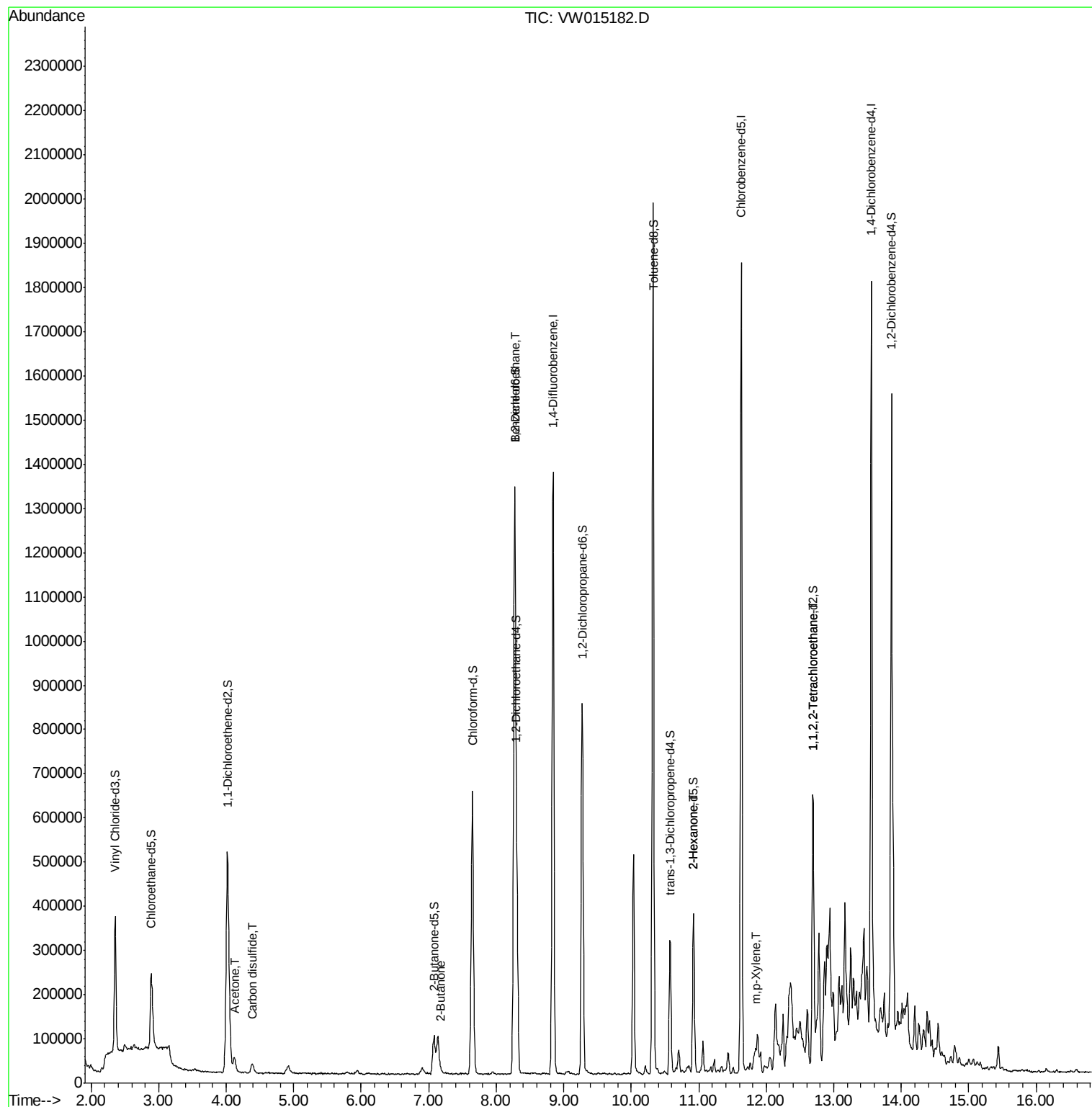
					Ovalue
13) Acetone	4.13	43	55190	22.417 ug/L	97
14) Carbon disulfide	4.39	76	22910	0.423 ug/L	100
21) 2-Butanone	7.18	43	11778	2.934 ug/L	96
27) 1,2-Dichloroethane	8.27	62	7765	0.460 ug/L	95
49) 2-Hexanone	10.93	43	18020	2.928 ug/L #	55
54) m,p-Xylene	11.84	106	14210	0.487 ug/L	88
58) 1,1,2,2-Tetrachloroethane	12.69	83	7720	0.593 ug/L #	57

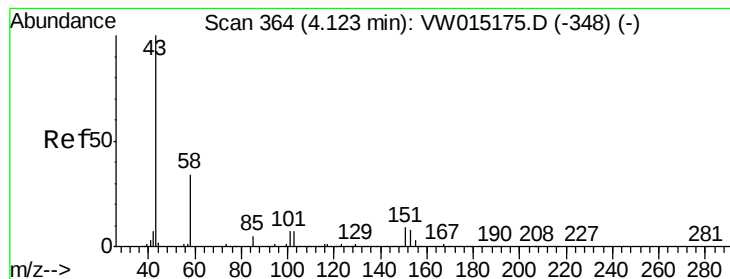
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 10 13:10:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 22.417 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015182.D

Acq: 10 Apr 2020 16:08

Instrument :

MSVOA_W

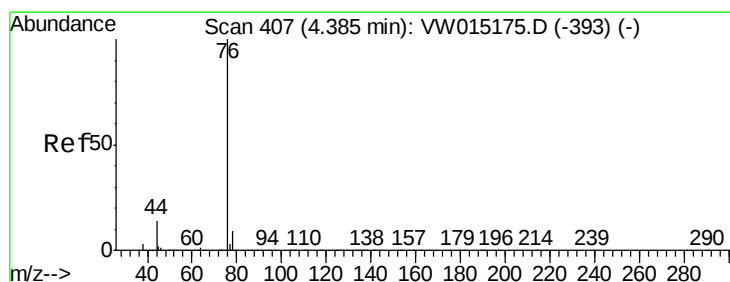
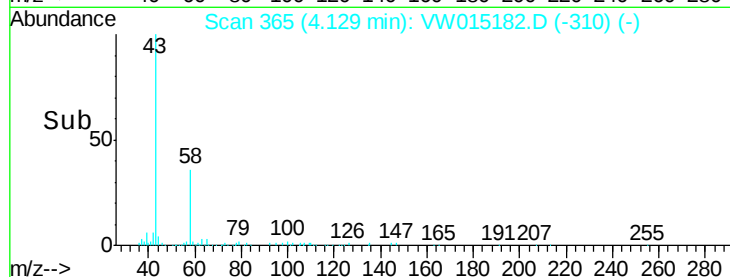
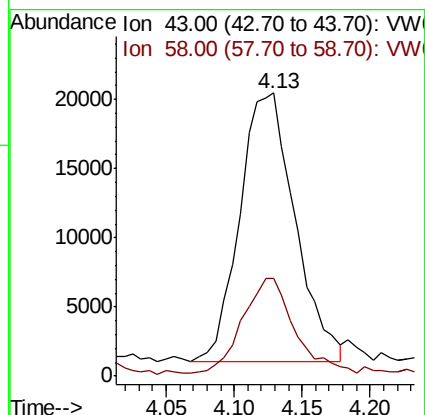
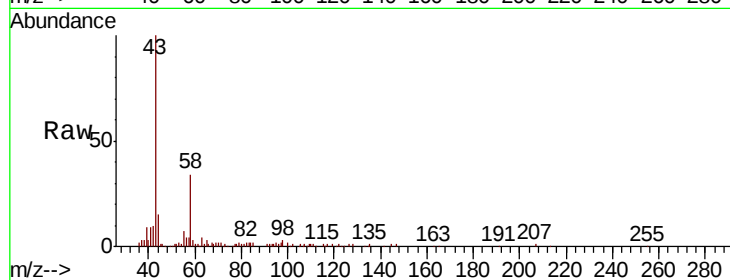
ClientSampleId :

Tot Ion: 43 Resp: 55190

Ion Ratio Lower Upper

43 100

58 33.8 0.0 64.6



#14

Carbon disulfide

Concen: 0.423 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW015182.D

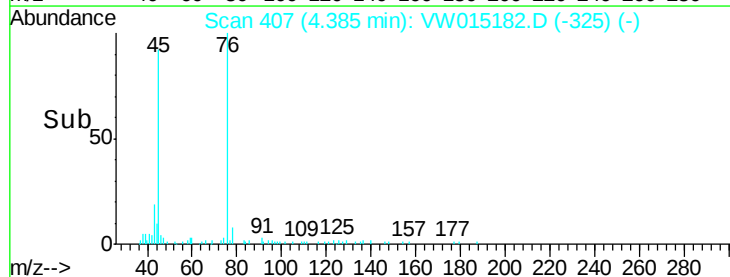
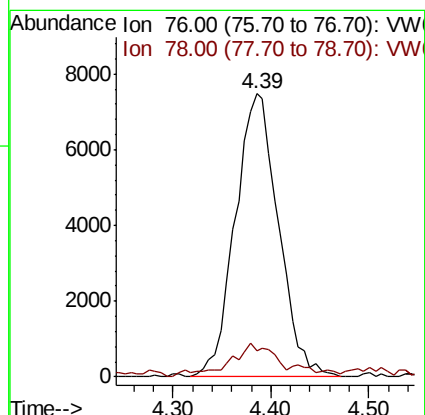
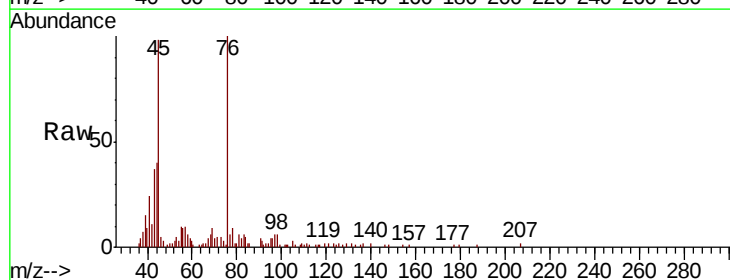
Acq: 10 Apr 2020 16:08

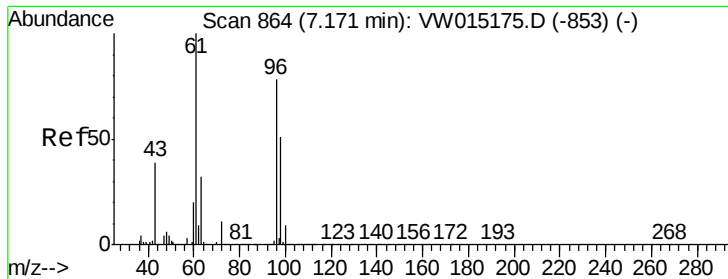
Tgt Ion: 76 Resp: 22910

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#21

2-Butanone

Concen: 2.934 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015182.D

Acq: 10 Apr 2020 16:08

Instrument :

MSVOA_W

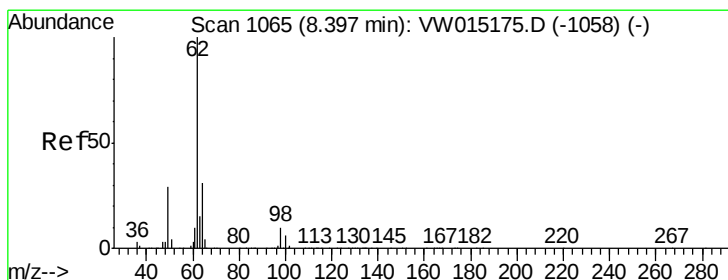
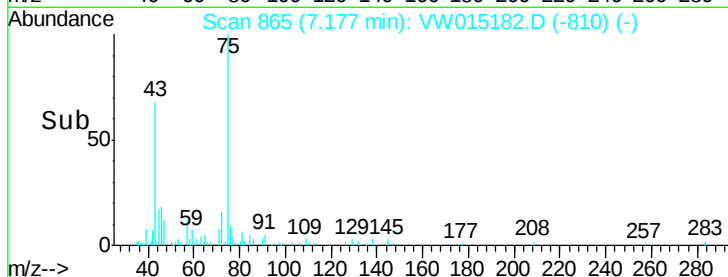
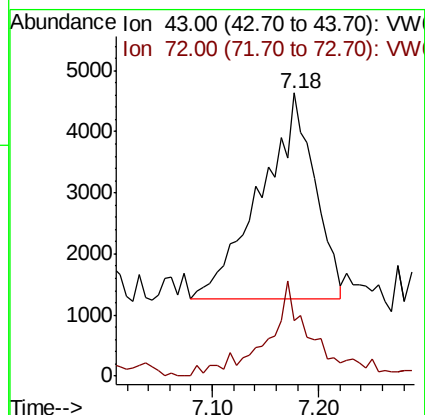
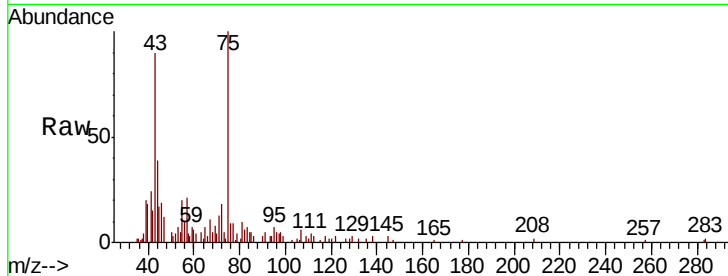
ClientSampled :

Tot Ion: 43 Resp: 11778

Ion Ratio Lower Upper

43 100

72 26.4 14.4 43.0



#27

1,2-Dichloroethane

Concen: 0.460 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW015182.D

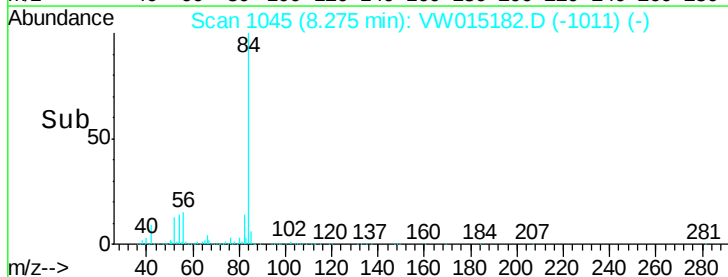
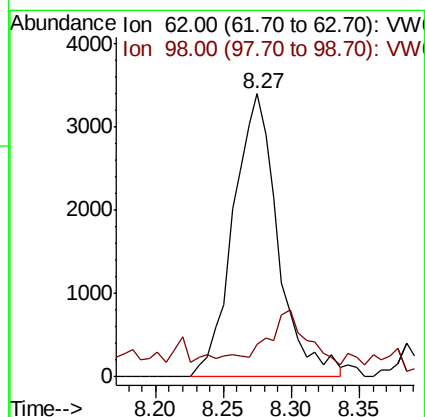
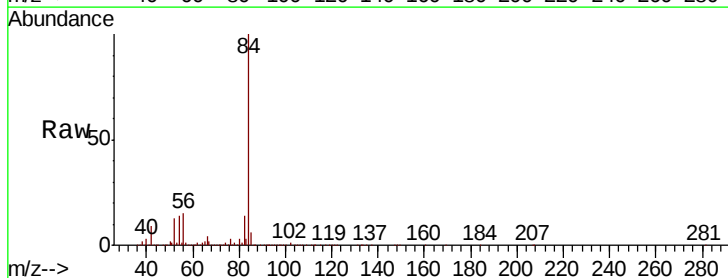
Acq: 10 Apr 2020 16:08

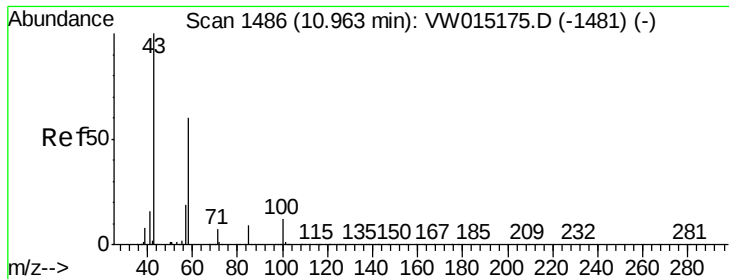
Tgt Ion: 62 Resp: 7765

Ion Ratio Lower Upper

62 100

98 11.6 7.9 11.9





#49

2-Hexanone

Concen: 2.928 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015182.D

Acq: 10 Apr 2020 16:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 18020

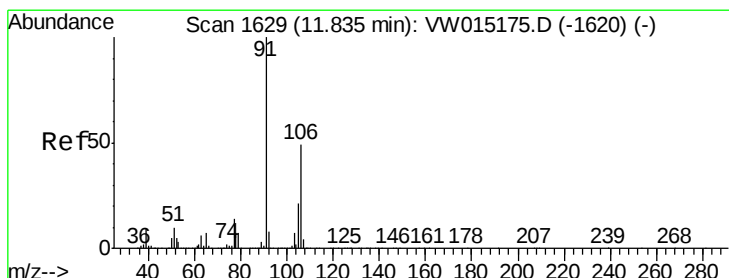
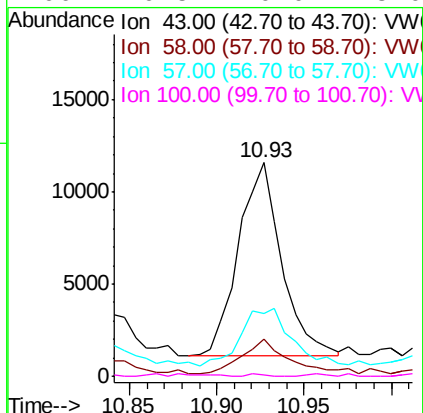
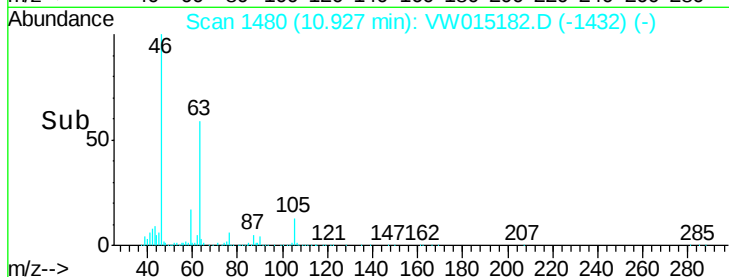
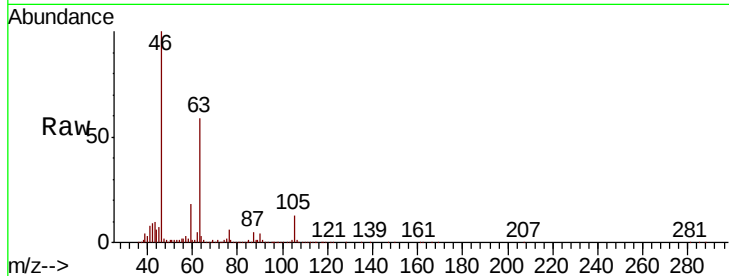
Ion Ratio Lower Upper

43 100

58 19.2 45.4 68.2#

57 34.8 15.2 22.8#

100 0.5 10.0 15.0#



#54

m,p-Xylene

Concen: 0.487 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW015182.D

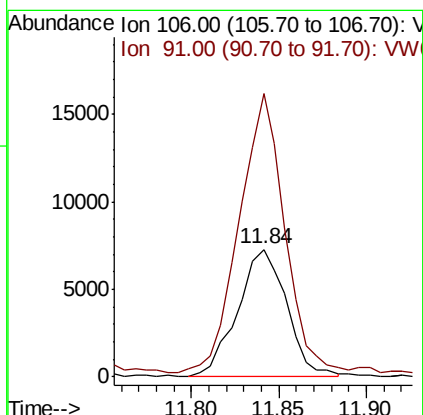
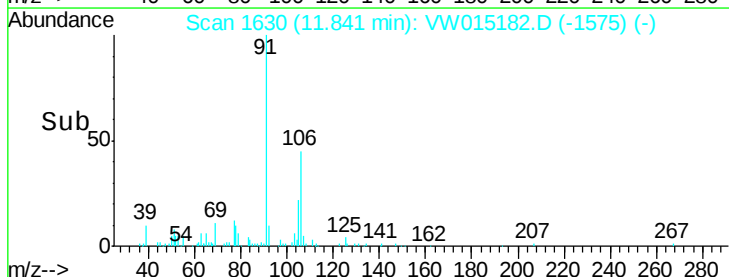
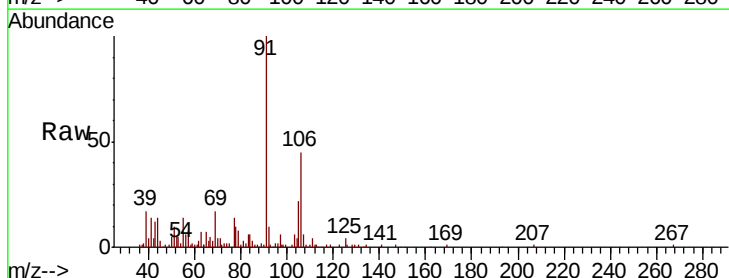
Acq: 10 Apr 2020 16:08

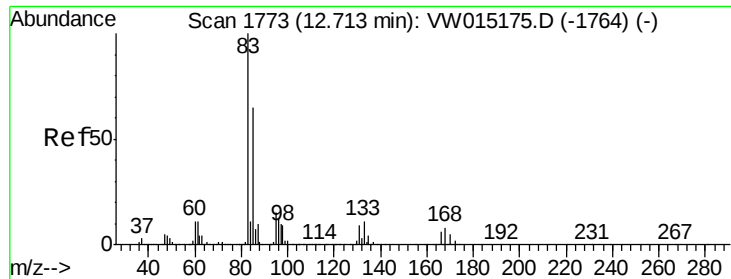
Tgt Ion: 106 Resp: 14210

Ion Ratio Lower Upper

106 100

91 222.5 142.7 264.9





#58

1,1,2,2-Tetrachloroethane

Concen: 0.593 ug/L

RT: 12.69 min Scan# 1769

Delta R.T. -0.02 min

Lab File: VW015182.D

Acq: 10 Apr 2020 16:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 83 Resp: 7720

Ion Ratio Lower Upper

83 100

85 93.5 45.8 85.0#

131 44.9 7.2 10.8#

