

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009793.D
 Acq On : 07 Apr 2019 02:09
 Operator : SY/VA
 Sample : K2217-15
 Misc : 4.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF605

Quant Time: Apr 07 05:40:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	443438	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406057	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145086	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	154835	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.72%
7) Chloroethane-d5	2.89	69	153007	28.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.12%
10) 1,1-Dichloroethene-d2	4.01	63	268430	21.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.04%
20) 2-Butanone-d5	7.07	46	85074	45.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.30%
24) Chloroform-d	7.64	84	379766	31.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.56%
26) 1,2-Dichloroethane-d4	8.31	65	247000	33.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	133.00%#
29) Benzene-d6	8.27	84	702709	32.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.88%
33) 1,2-Dichloropropane-d6	9.27	67	223445	33.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.76%#
37) Toluene-d8	10.32	98	603638	30.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.52%
38) trans-1,3-Dichloropropene-	10.57	79	64248	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.84%
39) 2-Hexanone-d5	10.93	63	52820	42.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	181258	29.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	170454	33.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.92%#

Target Compounds

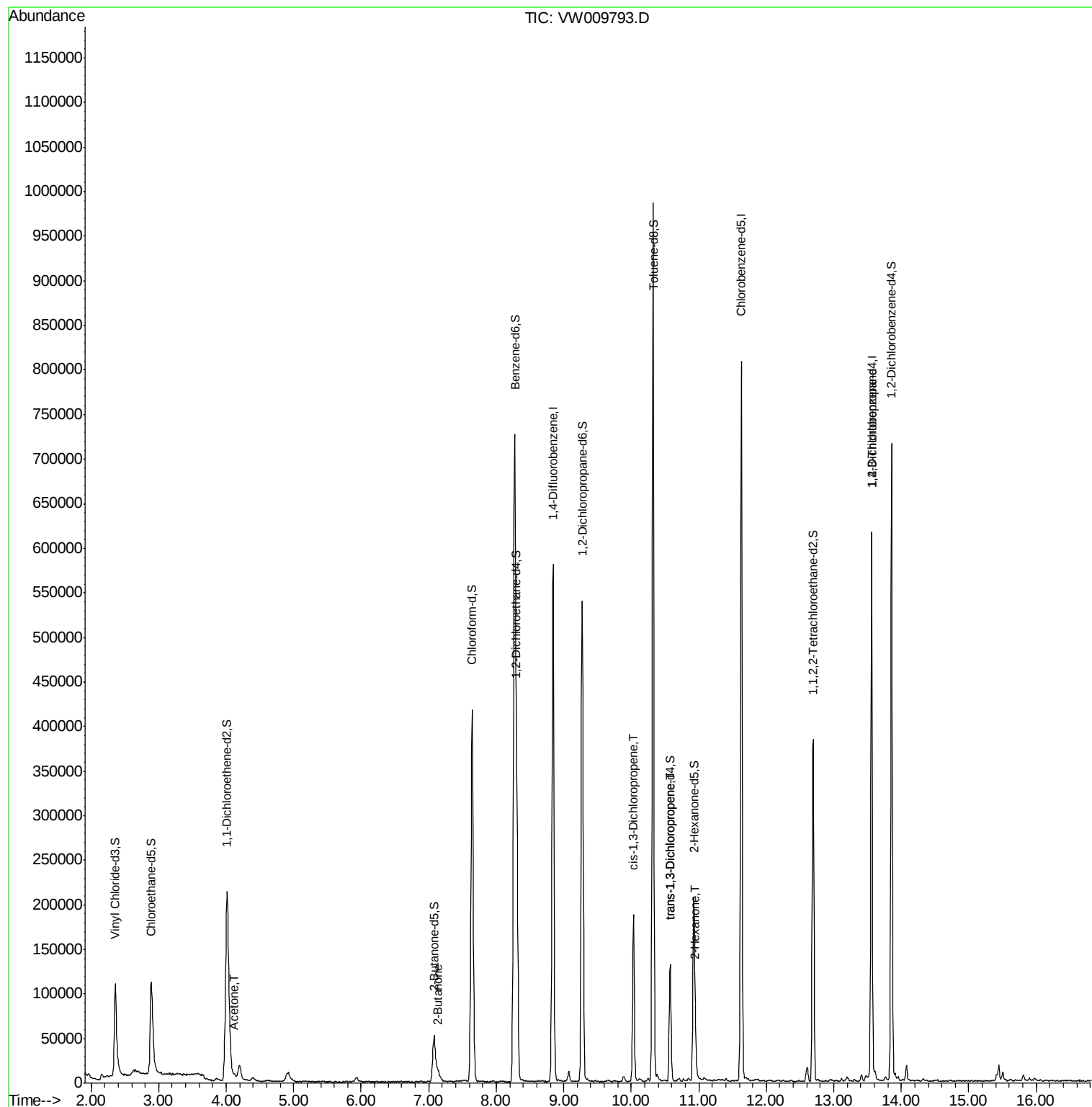
					Qvalue
13) Acetone	4.12	43	5968	2.956 ug/L	77
21) 2-Butanone	7.14	43	10846	4.225 ug/L #	53
42) cis-1,3-Dichloropropene	10.03	75	3478	0.359 ug/L #	63
45) trans-1,3-Dichloropropene	10.57	75	3541	0.424 ug/L #	73
49) 2-Hexanone	10.95	43	17747	4.906 ug/L #	42
59) 1,2,3-Trichloropropane	13.56	75	20778	4.422 ug/L	94

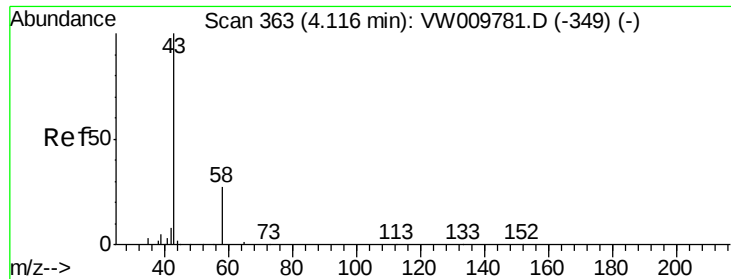
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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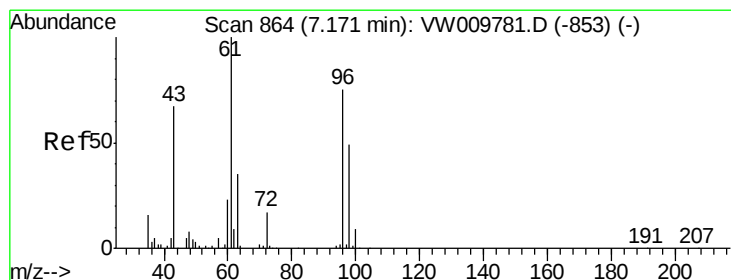
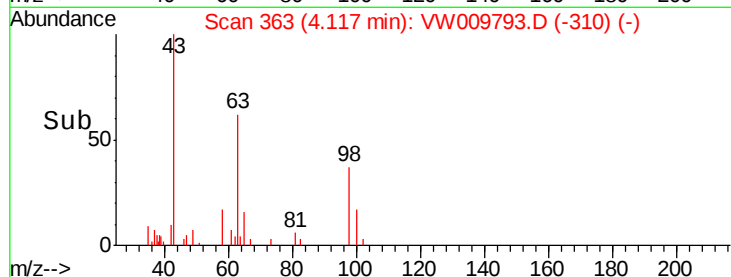
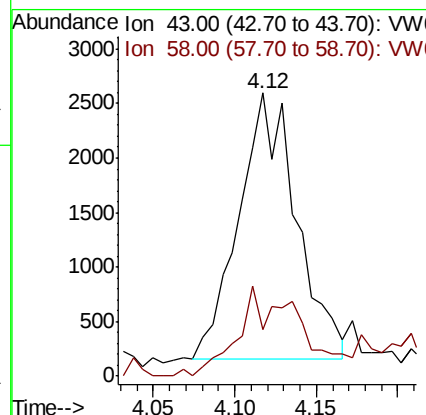
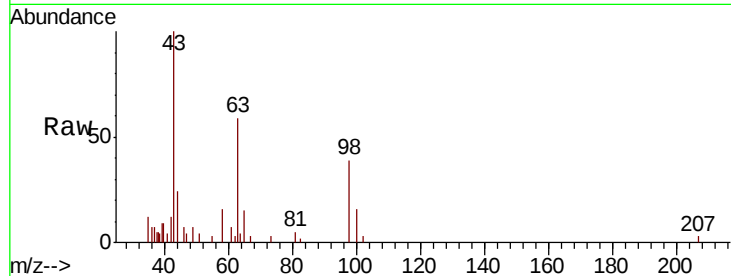




#13
Acetone
Concen: 2.956 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009793.D
Acq: 07 Apr 2019 02:09

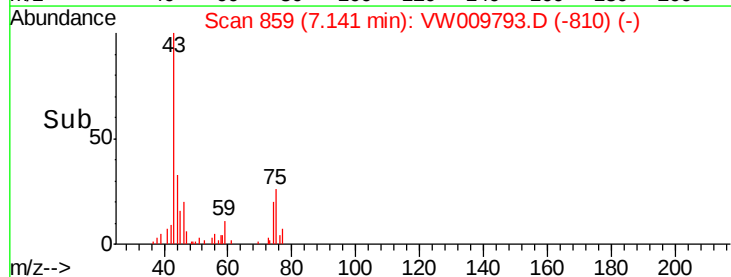
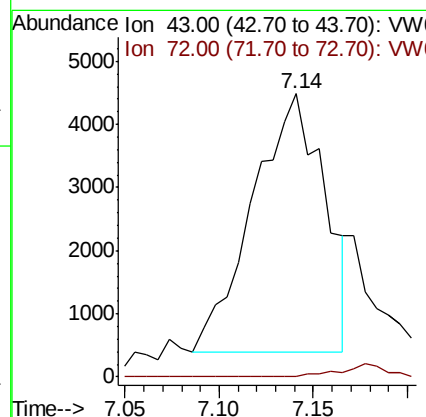
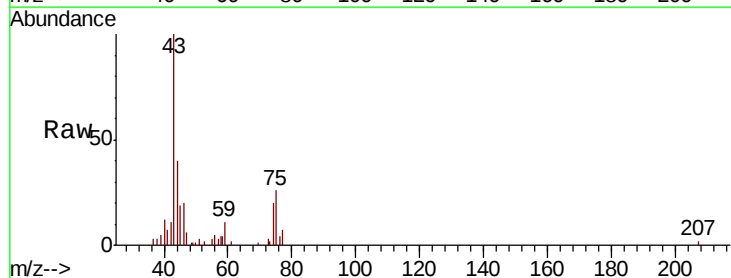
Instrument :
MSVOA_W
ClientSampled :
BF605

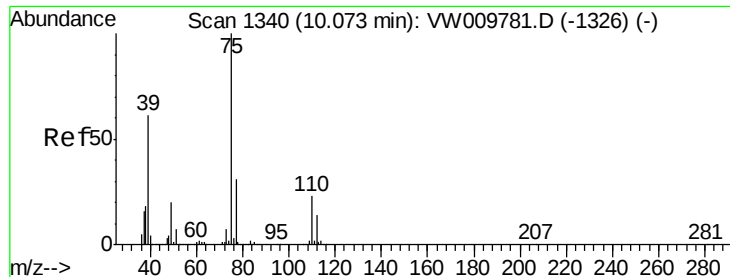
Tgt Ion: 43 Resp: 5968
Ion Ratio Lower Upper
43 100
58 14.5 0.0 53.0



#21
2-Butanone
Concen: 4.225 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW009793.D
Acq: 07 Apr 2019 02:09

Tgt Ion: 43 Resp: 10846
Ion Ratio Lower Upper
43 100
72 0.9 12.0 36.1#





#42

cis-1,3-Dichloropropene

Concen: 0.359 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009793.D

Acq: 07 Apr 2019 02:09

Instrument :

MSVOA_W

ClientSampleId :

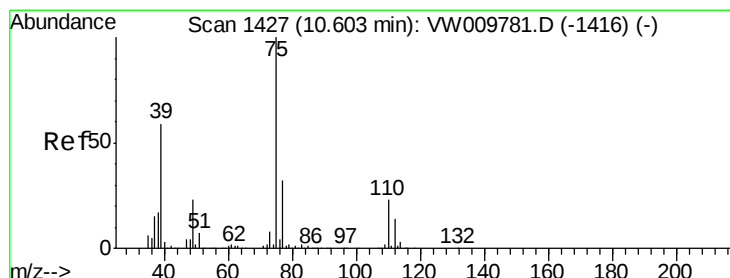
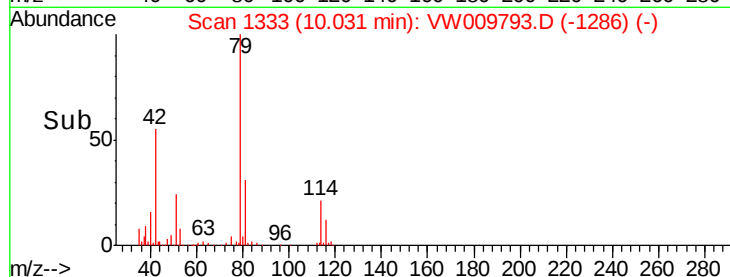
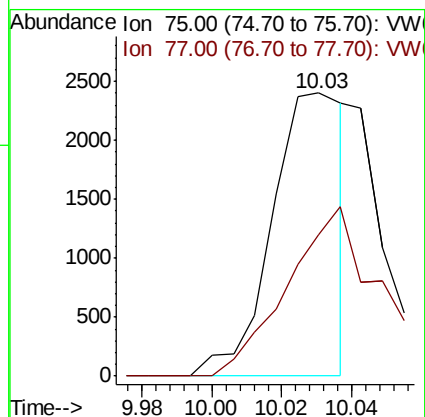
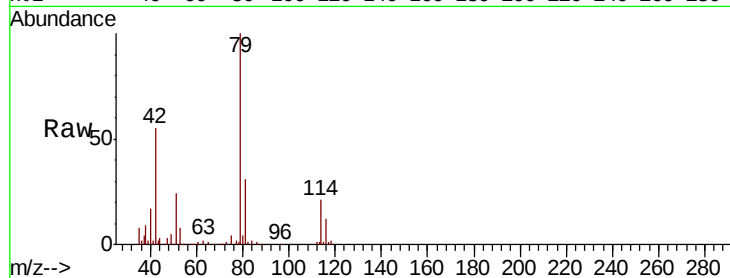
BF605

Tgt Ion: 75 Resp: 3478

Ion Ratio Lower Upper

75 100

77 50.0 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.424 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009793.D

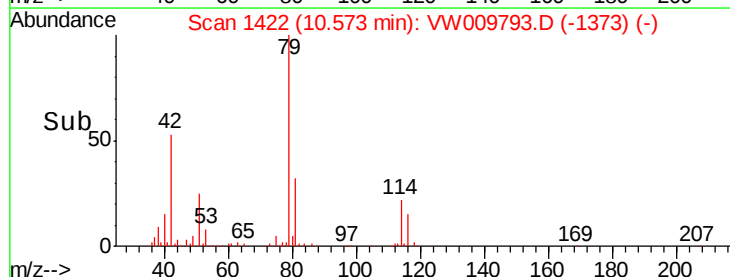
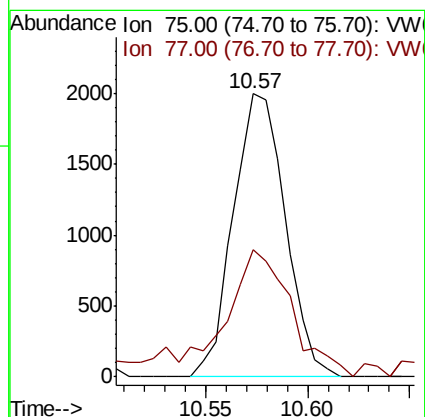
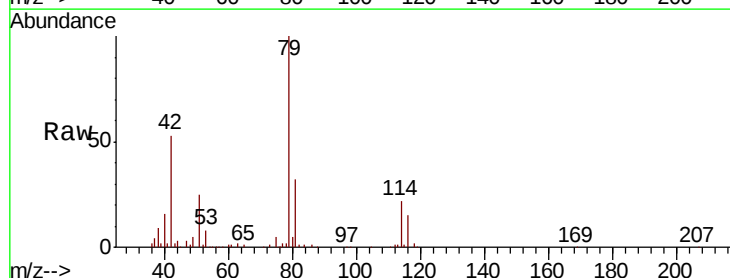
Acq: 07 Apr 2019 02:09

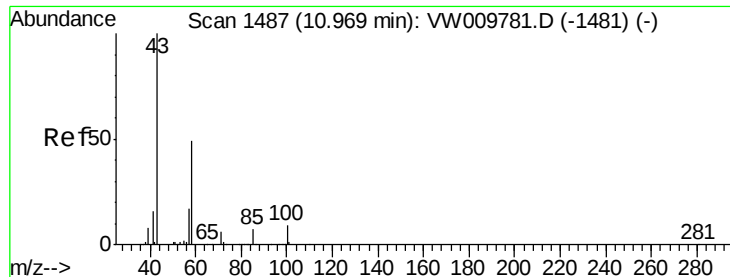
Tgt Ion: 75 Resp: 3541

Ion Ratio Lower Upper

75 100

77 44.9 21.1 39.3#





#49

2-Hexanone

Concen: 4.906 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009793.D

Acq: 07 Apr 2019 02:09

Instrument :

MSVOA_W

ClientSampleId :

BF605

Tgt Ion: 43 Resp: 17747

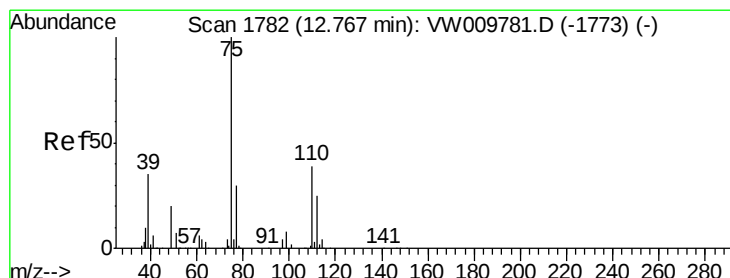
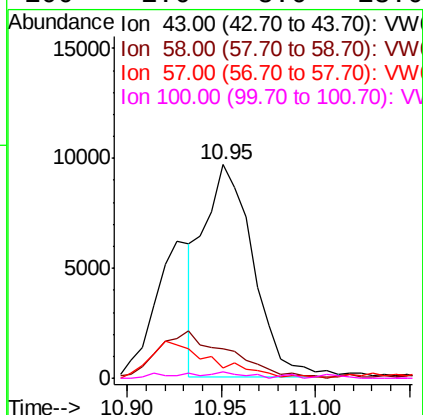
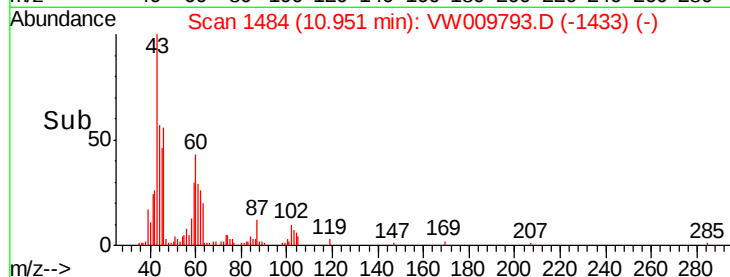
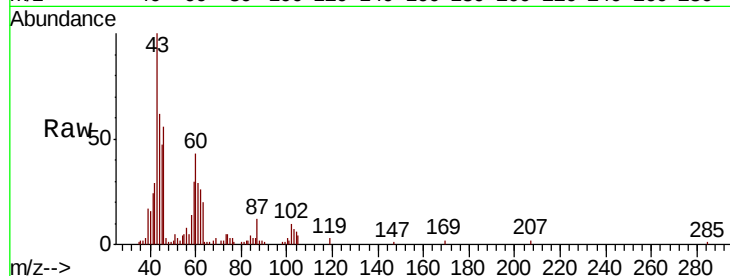
Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 0.0 13.8 20.6#

100 1.6 8.6 13.0#



#59

1,2,3-Trichloropropane

Concen: 4.422 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009793.D

Acq: 07 Apr 2019 02:09

Tgt Ion: 75 Resp: 20778

Ion Ratio Lower Upper

75 100

77 36.3 26.2 39.2

