

Data File : VW009556.D
Acq On : 29 Mar 2019 00:50
Operator : SY/VA
Sample : K2068-20
Misc : 4.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5J8RE

Quant Time: Mar 29 07:45:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341898	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288211	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	81957	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132457	32.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.68%
7) Chloroethane-d5	2.89	69	128038	26.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.12%
10) 1,1-Dichloroethene-d2	4.01	63	196880	22.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.20%
20) 2-Butanone-d5	7.08	46	43556	25.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.56%
24) Chloroform-d	7.65	84	265937	28.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	8.30	65	159428	28.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.44%
29) Benzene-d6	8.27	84	484437	30.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.92%
33) 1,2-Dichloropropane-d6	9.27	67	150980	31.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.52%#
37) Toluene-d8	10.32	98	397808	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.28%
38) trans-1,3-Dichloropropene-	10.58	79	53067	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	10.93	63	30527	26.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106790	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	84009	26.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.92%

Target Compounds

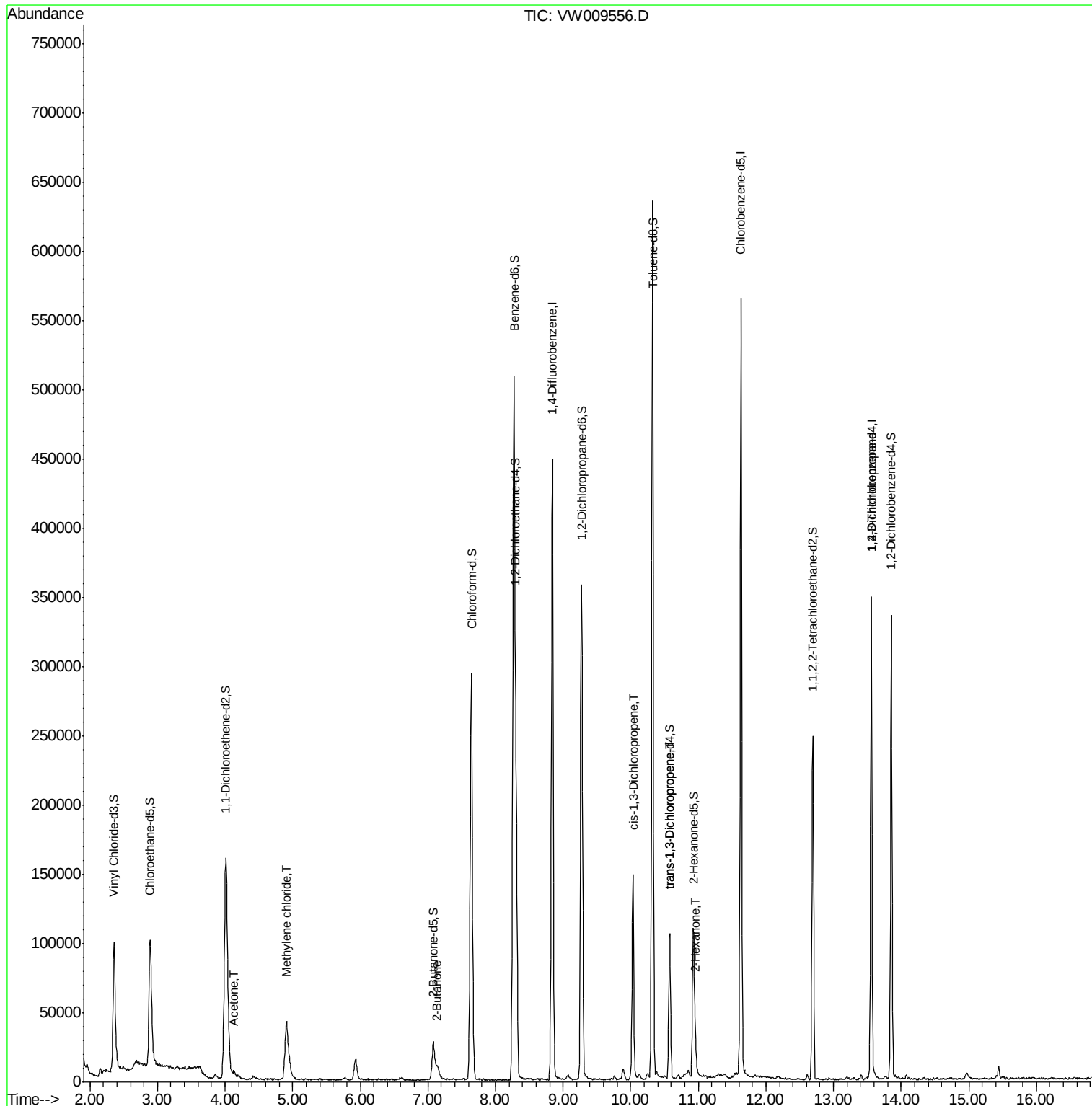
					Qvalue
13) Acetone	4.12	43	5428	3.917 ug/L	98
16) Methylene chloride	4.91	84	34912	7.002 ug/L	97
21) 2-Butanone	7.14	43	14243	7.445 ug/L #	51
42) cis-1,3-Dichloropropene	10.03	75	3940	0.598 ug/L #	50
45) trans-1,3-Dichloropropene	10.58	75	2925	0.510 ug/L	87
49) 2-Hexanone	10.96	43	23285	9.013 ug/L #	45
59) 1,2,3-Trichloropropane	13.56	75	11267	3.485 ug/L	88

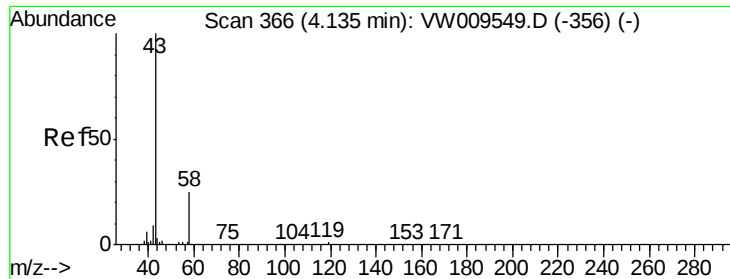
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.917 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

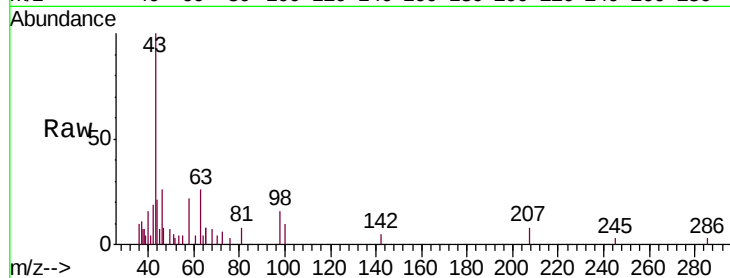
BF5J8RE

Tgt Ion: 43 Resp: 5428

Ion Ratio Lower Upper

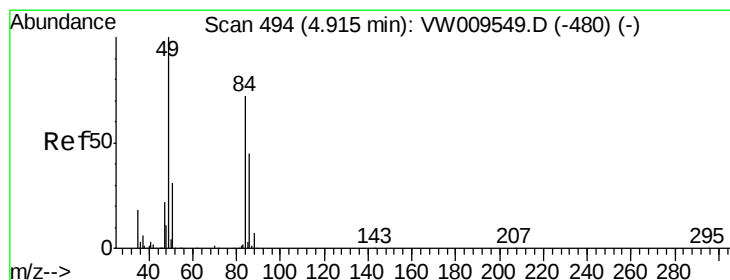
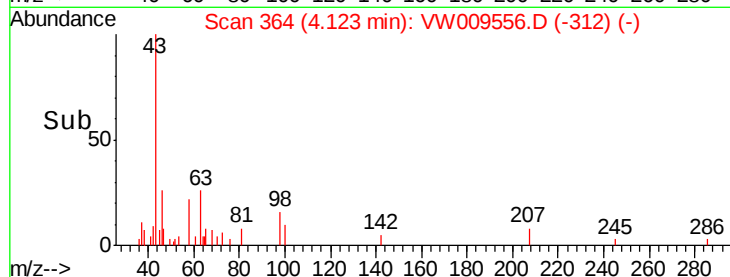
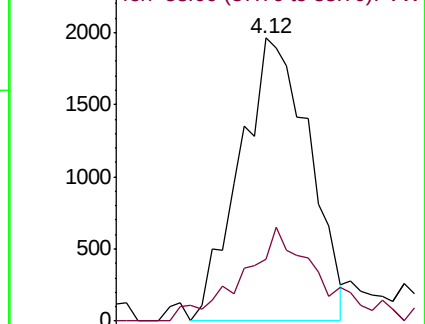
43 100

58 29.1 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 7.002 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009556.D

Acq: 29 Mar 2019 00:50

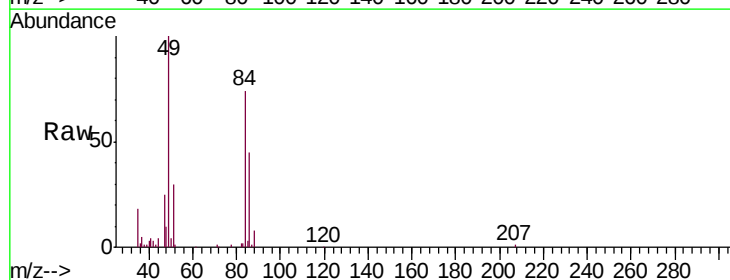
Tgt Ion: 84 Resp: 34912

Ion Ratio Lower Upper

84 100

49 134.9 96.0 178.2

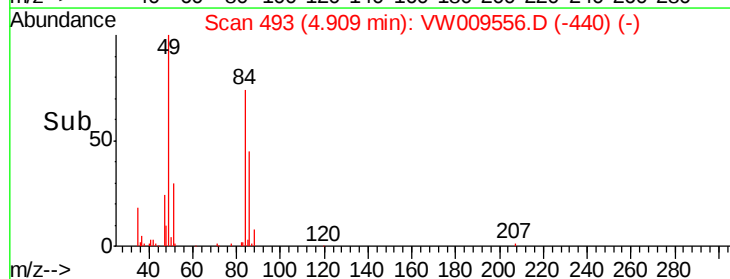
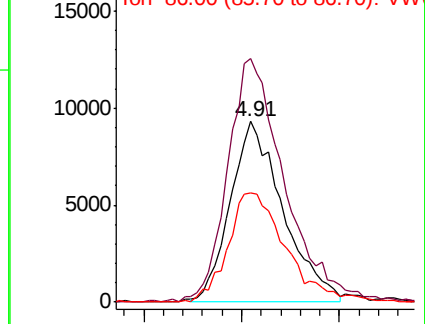
86 60.2 44.4 82.5

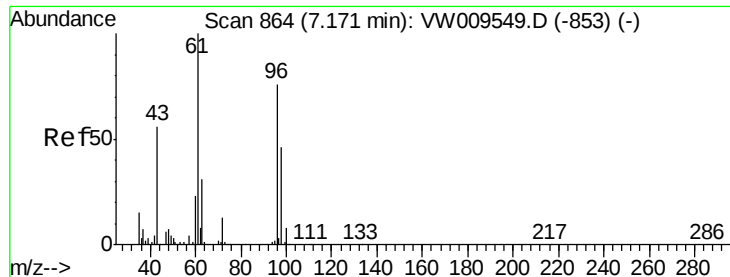


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 7.445 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

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Acq: 29 Mar 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

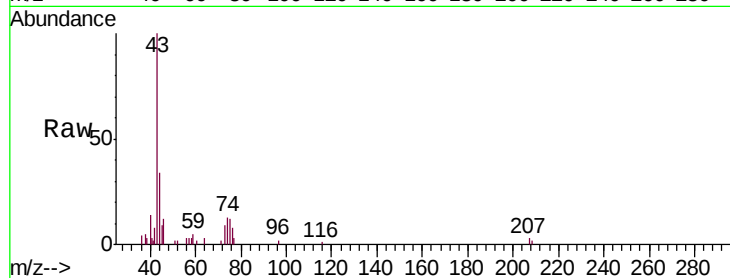
BF5J8RE

Tgt Ion: 43 Resp: 14243

Ion Ratio Lower Upper

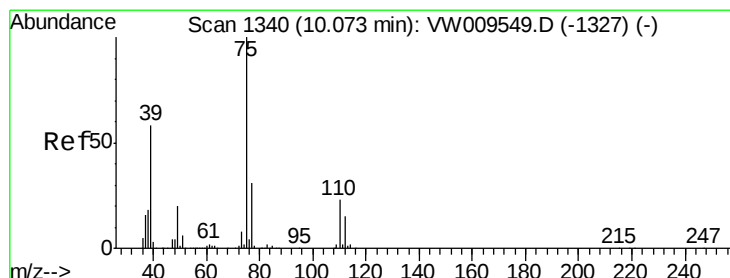
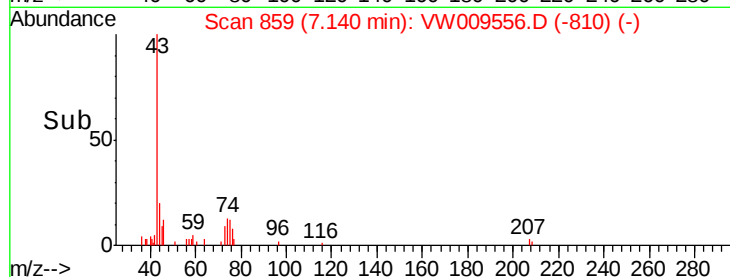
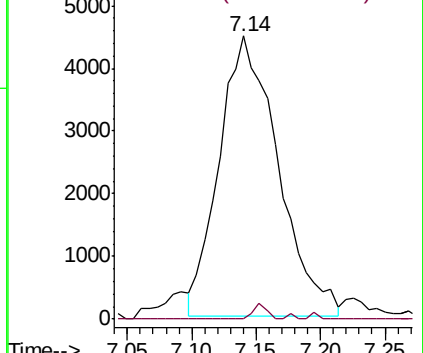
43 100

72 1.2 13.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.598 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009556.D

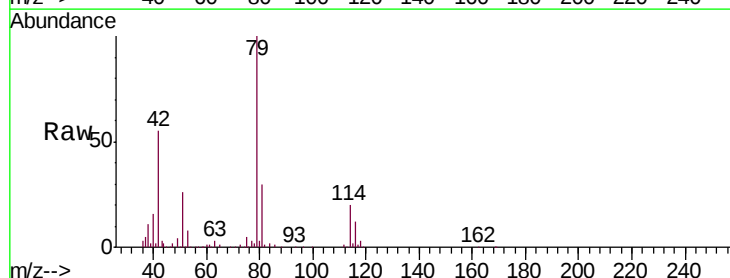
Acq: 29 Mar 2019 00:50

Tgt Ion: 75 Resp: 3940

Ion Ratio Lower Upper

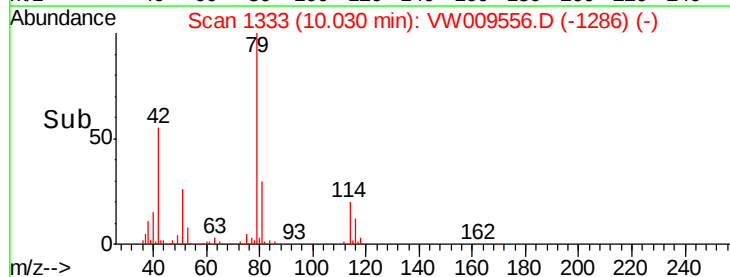
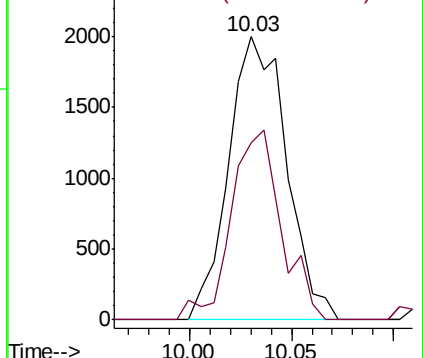
75 100

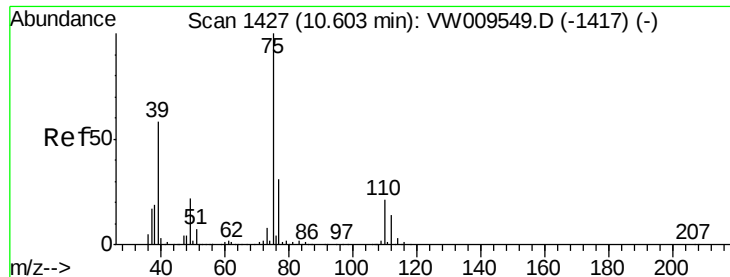
77 58.2 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009556.D

Acq: 29 Mar 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

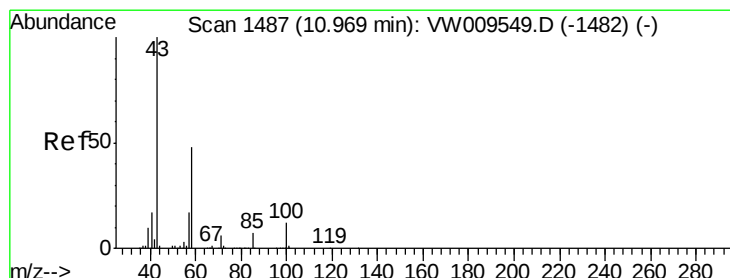
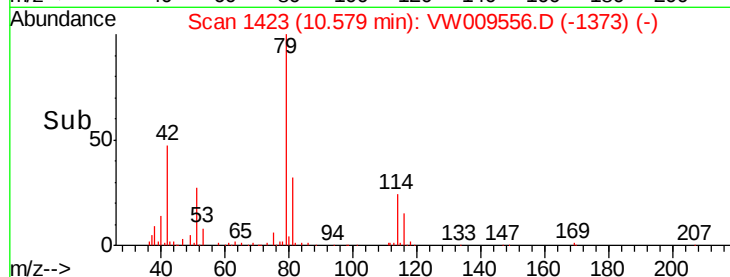
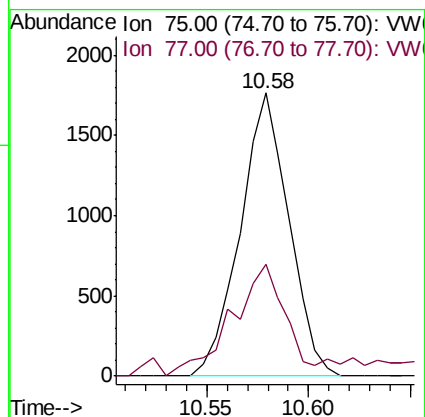
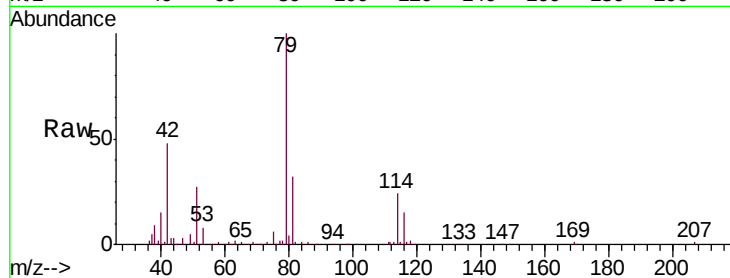
BF5J8RE

Tgt Ion: 75 Resp: 2925

Ion Ratio Lower Upper

75 100

77 39.5 22.5 41.7



#49

2-Hexanone

Concen: 9.013 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009556.D

Acq: 29 Mar 2019 00:50

Tgt Ion: 43 Resp: 23285

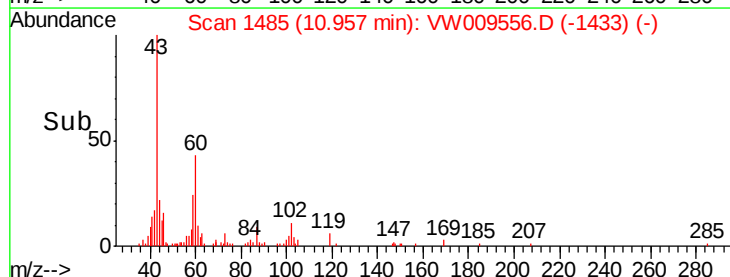
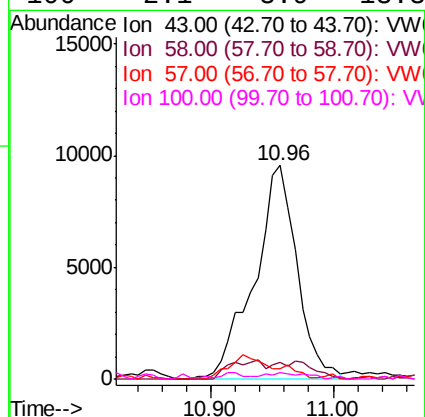
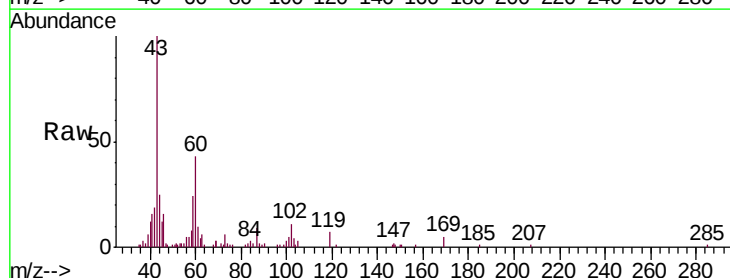
Ion Ratio Lower Upper

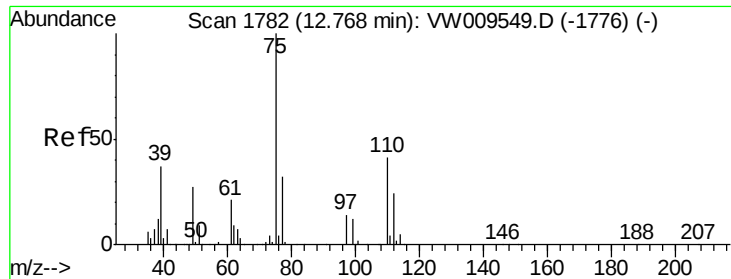
43 100

58 3.1 39.2 58.8#

57 0.0 14.2 21.2#

100 2.1 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 3.485 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009556.D

Acq: 29 Mar 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

BF5J8RE

Tgt Ion: 75 Resp: 11267

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.2

