

Data File : VW009561.D
Acq On : 29 Mar 2019 03:07
Operator : SY/VA
Sample : K2149-04
Misc : 4.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5H3

Quant Time: Mar 29 07:46:08 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	369781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334190	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131852	29.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.36%
7) Chloroethane-d5	2.89	69	120943	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
10) 1,1-Dichloroethene-d2	4.01	63	191585	20.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.24%
20) 2-Butanone-d5	7.07	46	43352	23.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.44%
24) Chloroform-d	7.65	84	247427	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.30	65	147736	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.27	84	462605	25.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.40%
33) 1,2-Dichloropropane-d6	9.27	67	142746	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.16%
37) Toluene-d8	10.32	98	399326	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	46228	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.52%
39) 2-Hexanone-d5	10.93	63	27158	20.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106201	19.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	109997	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

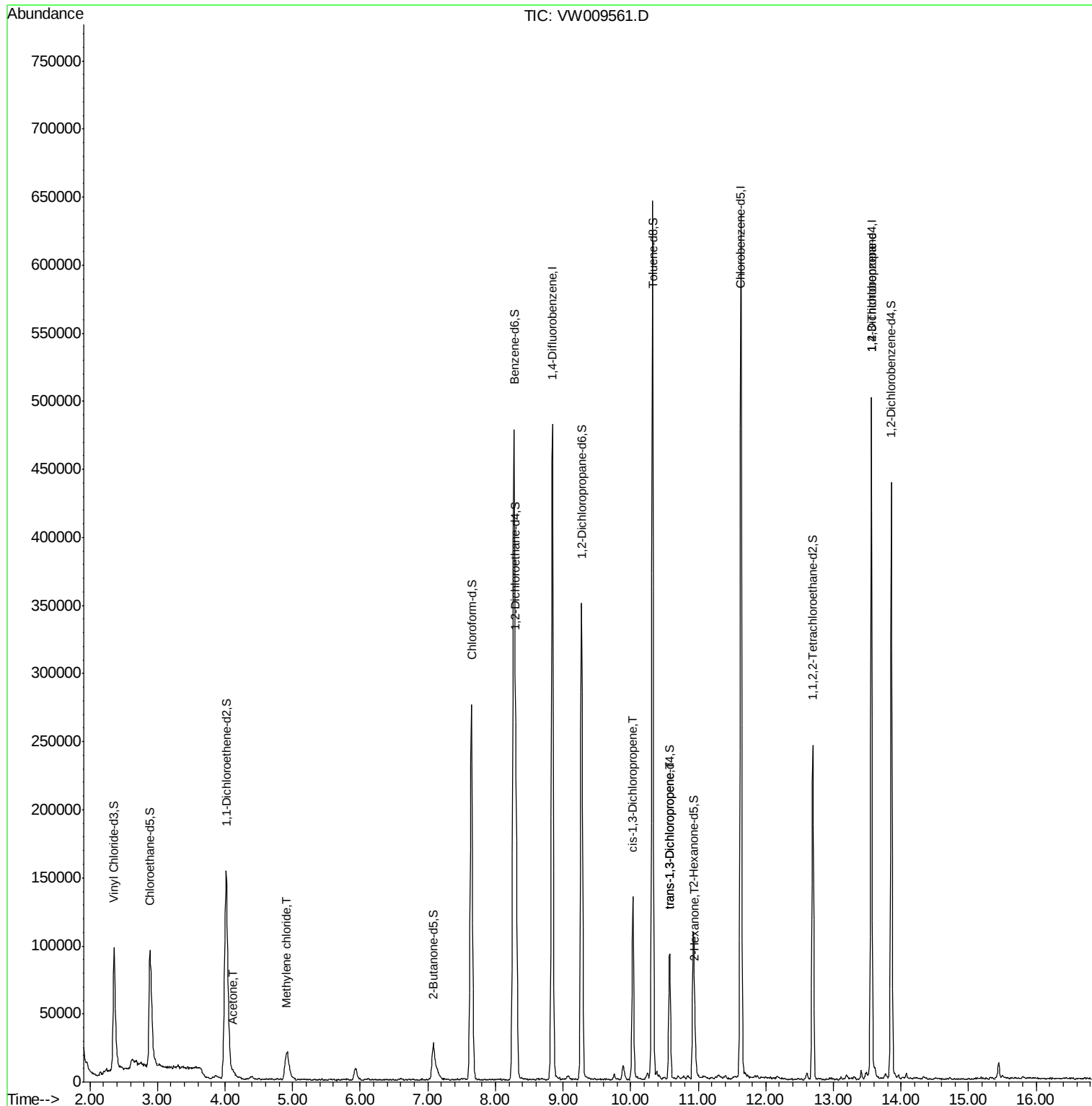
					Qvalue
13) Acetone	4.12	43	3834	2.558 ug/L	72
16) Methylene chloride	4.91	84	17755	3.293 ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	3904	0.511 ug/L #	80
45) trans-1,3-Dichloropropene	10.58	75	2807	0.422 ug/L	96
49) 2-Hexanone	10.95	43	15804	5.276 ug/L #	42
59) 1,2,3-Trichloropropane	13.56	75	16191	4.319 ug/L	89

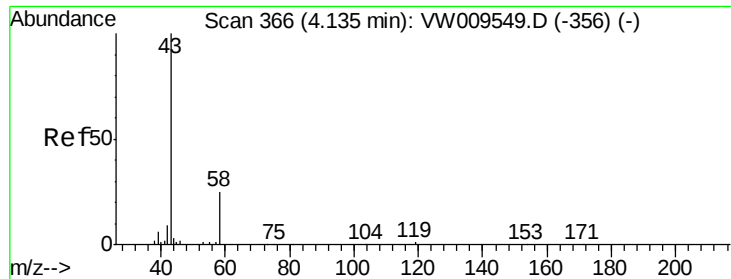
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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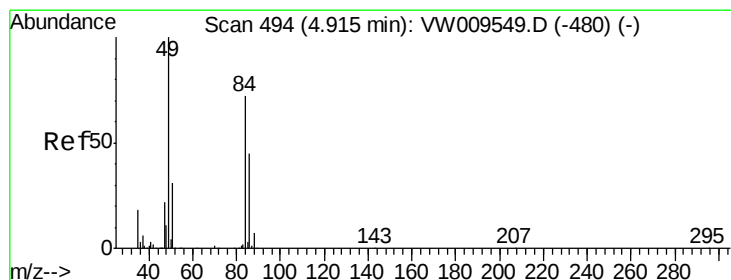
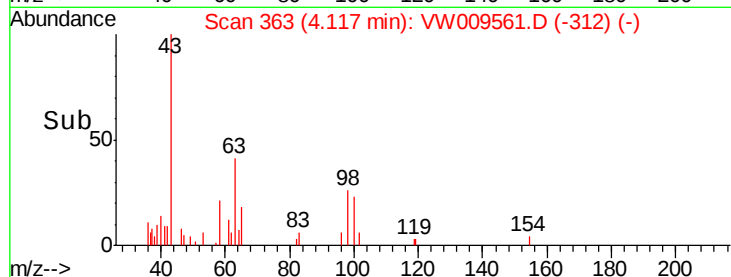
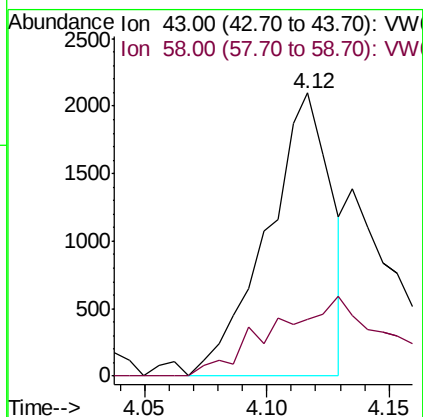
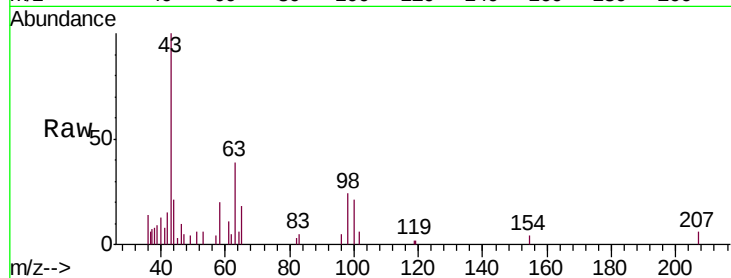




#13
Acetone
Concen: 2.558 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.02 min
Lab File: VW009561.D
Acq: 29 Mar 2019 03:07

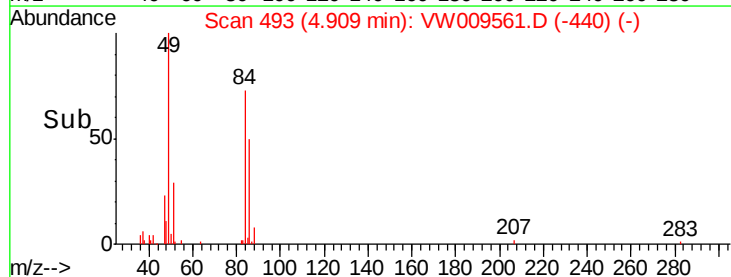
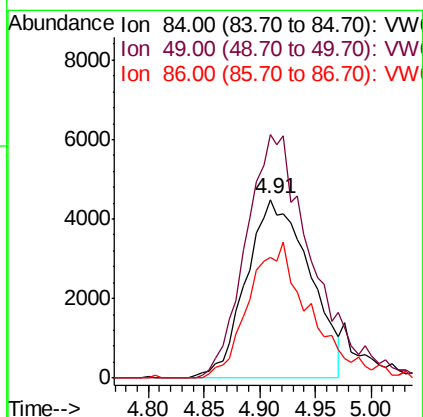
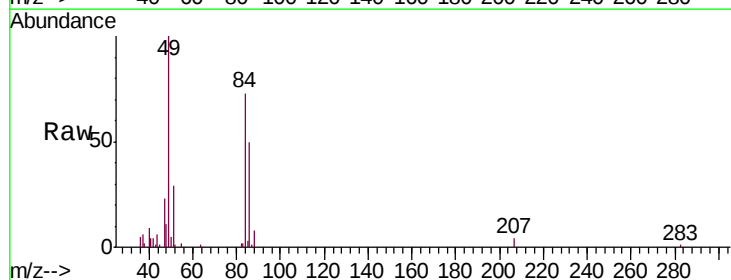
Instrument :
MSVOA_W
ClientSampleId :
BF5H3

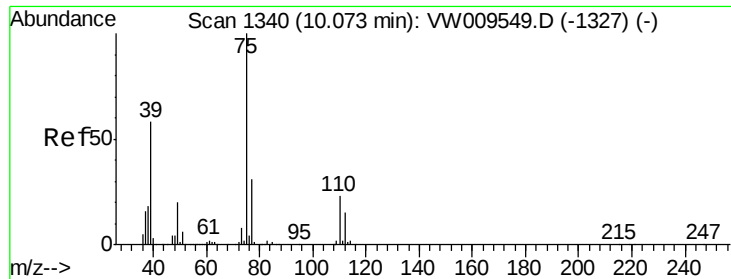
Tgt Ion: 43 Resp: 3834
Ion Ratio Lower Upper
43 100
58 13.5 0.0 56.2



#16
Methylene chloride
Concen: 3.293 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009561.D
Acq: 29 Mar 2019 03:07

Tgt Ion: 84 Resp: 17755
Ion Ratio Lower Upper
84 100
49 136.5 96.0 178.2
86 68.0 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009561.D

Acq: 29 Mar 2019 03:07

Instrument :

MSVOA_W

ClientSampled :

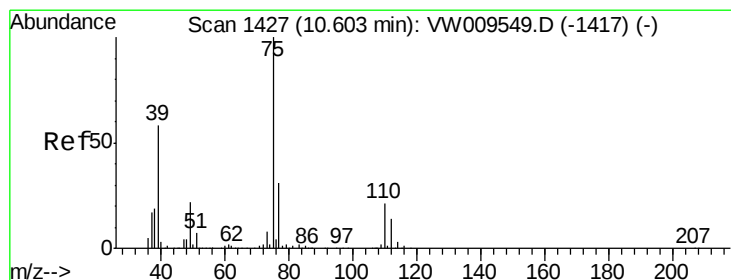
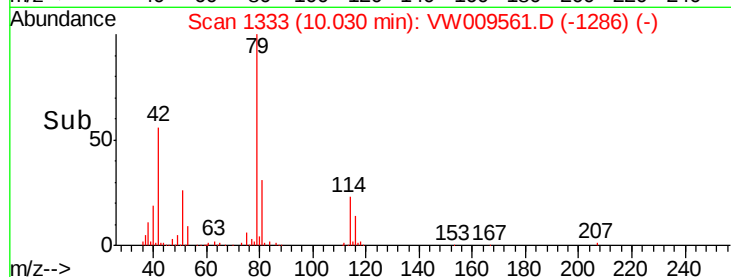
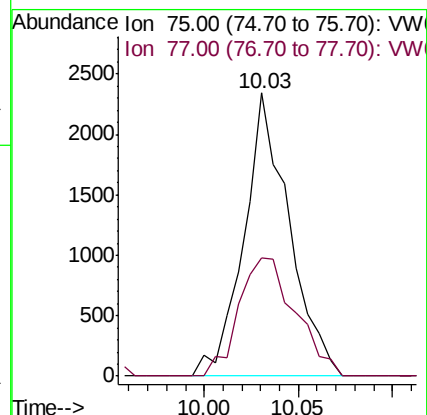
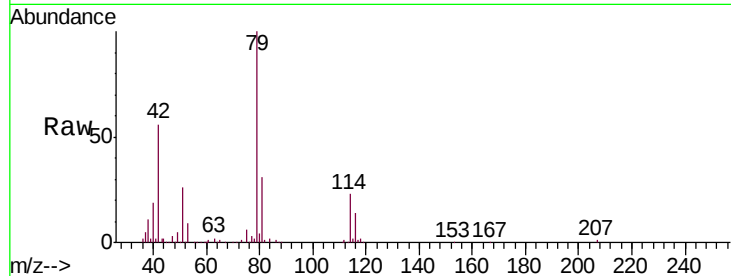
BF5H3

Tgt Ion: 75 Resp: 3904

Ion Ratio Lower Upper

75 100

77 41.7 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.422 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009561.D

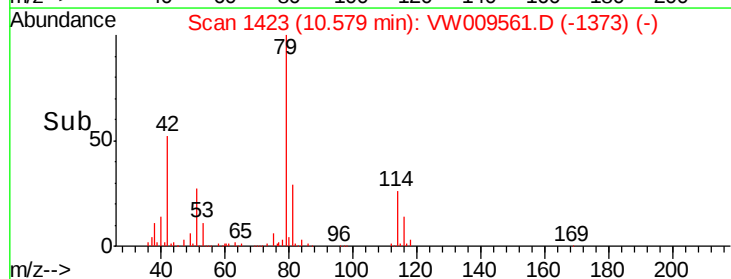
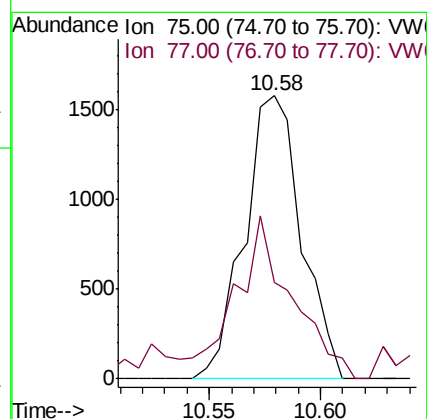
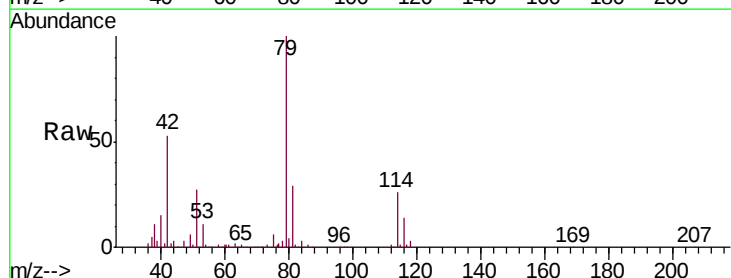
Acq: 29 Mar 2019 03:07

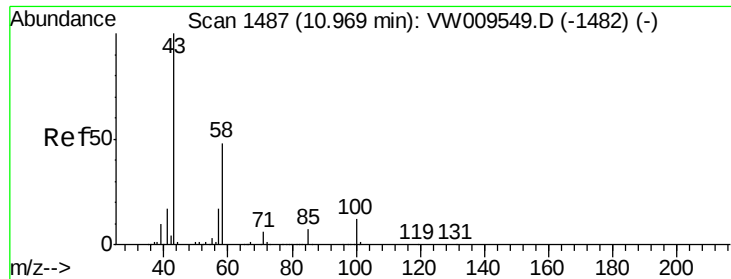
Tgt Ion: 75 Resp: 2807

Ion Ratio Lower Upper

75 100

77 34.3 22.5 41.7





#49

2-Hexanone

Concen: 5.276 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009561.D

Acq: 29 Mar 2019 03:07

Instrument :

MSVOA_W

ClientSampled :

BF5H3

Tgt Ion: 43 Resp: 15804

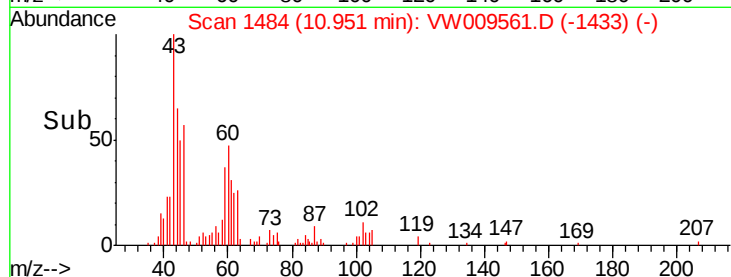
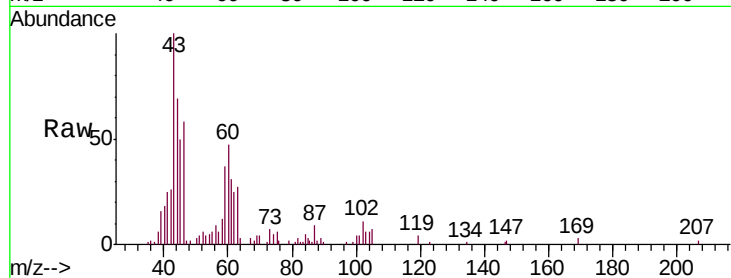
Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 0.0 14.2 21.2#

100 0.9 8.9 13.3#

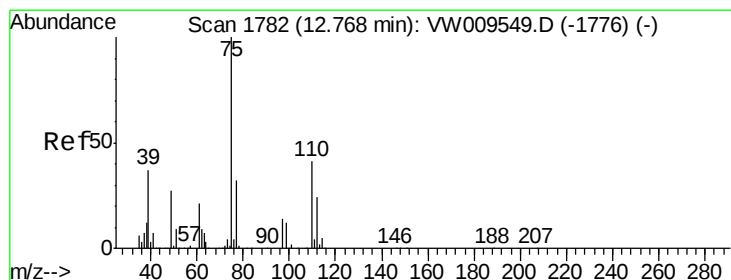
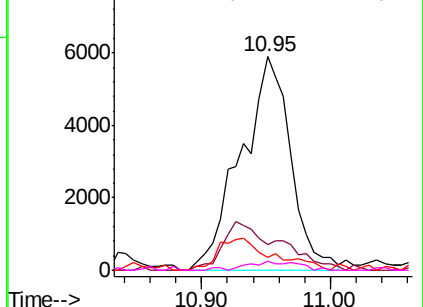


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.319 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009561.D

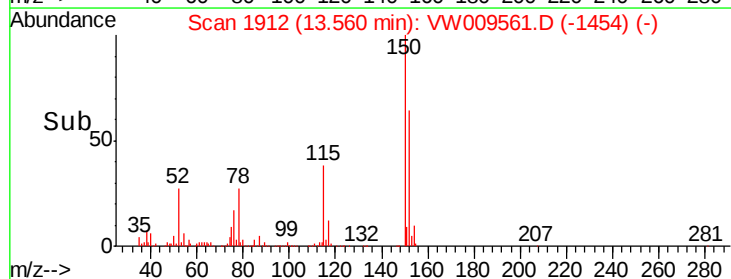
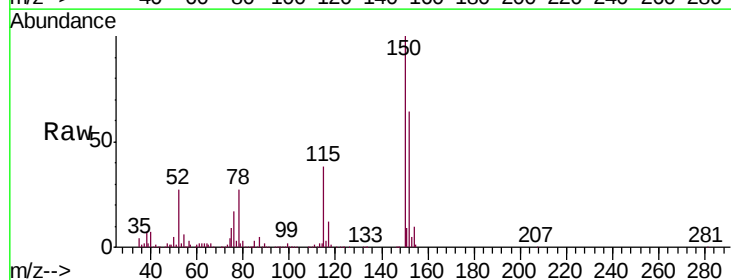
Acq: 29 Mar 2019 03:07

Tgt Ion: 75 Resp: 16191

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

