

Data File : VW009679.D
Acq On : 04 Apr 2019 02:16
Operator : SY/VA
Sample : K2188-01
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF648

Quant Time: Apr 04 03:51:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	470948	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	180458	29.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.12%
7) Chloroethane-d5	2.89	69	149082	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
10) 1,1-Dichloroethene-d2	4.01	63	279069	21.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.24%
20) 2-Butanone-d5	7.08	46	112356	56.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.30%
24) Chloroform-d	7.65	84	352192	27.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.64%
26) 1,2-Dichloroethane-d4	8.30	65	229144	29.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.16%
29) Benzene-d6	8.27	84	689922	30.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.44%
33) 1,2-Dichloropropane-d6	9.27	67	209964	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	10.32	98	607483	28.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.64%
38) trans-1,3-Dichloropropene-	10.58	79	93528	27.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.72%
39) 2-Hexanone-d5	10.93	63	73642	55.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168755	25.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	187392	30.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.80%#

Target Compounds

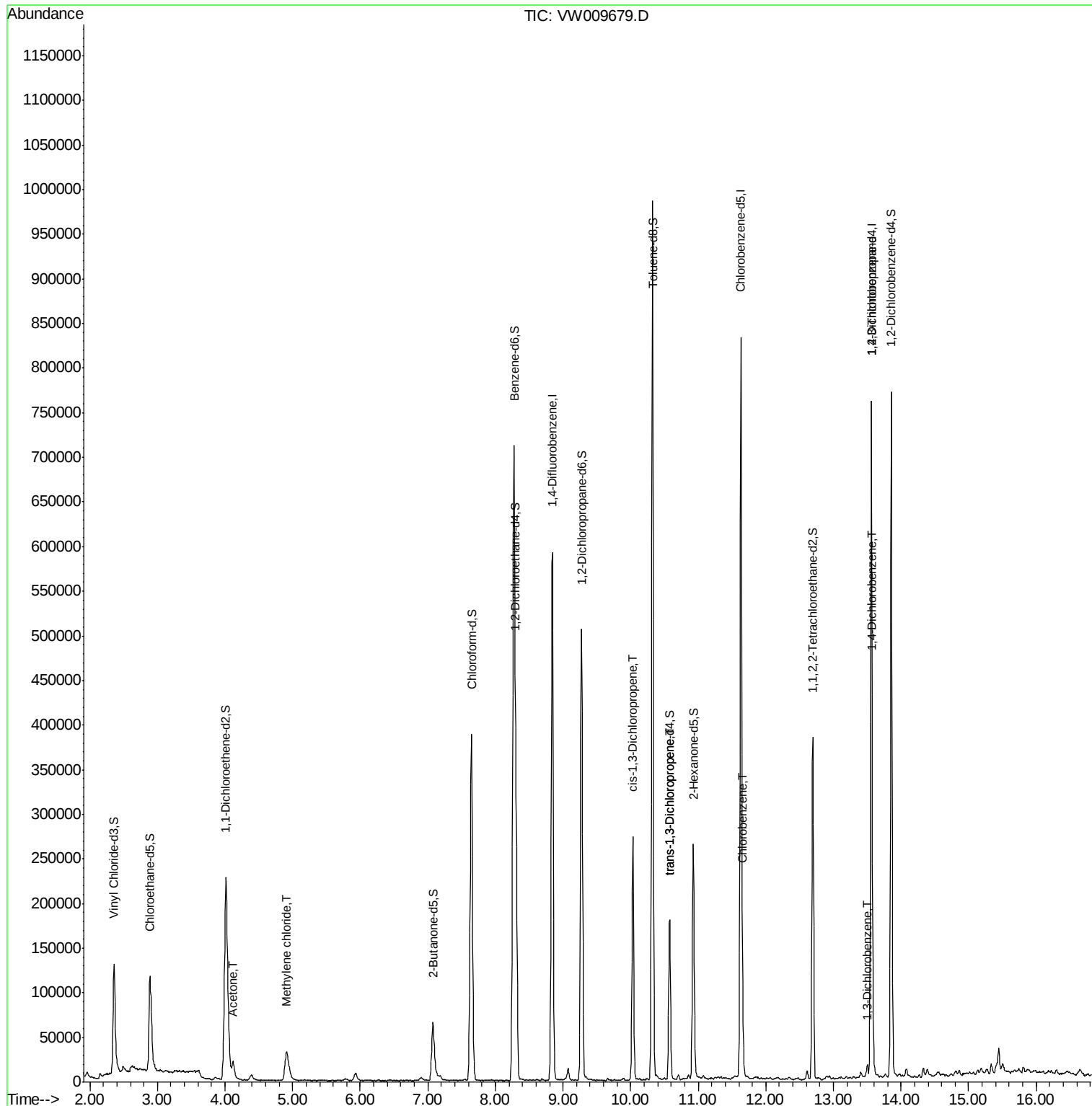
					Qvalue
13) Acetone	4.12	43	28732	13.402 ug/L	54
16) Methylene chloride	4.91	84	27602	3.323 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	7419	0.718 ug/L #	72
45) trans-1,3-Dichloropropene	10.57	75	4809	0.540 ug/L #	69
52) Chlorobenzene	11.66	112	32037	1.804 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	35488	7.084 ug/L	91
63) 1,3-Dichlorobenzene	13.50	146	4244	0.394 ug/L #	75
64) 1,4-Dichlorobenzene	13.58	146	31529	2.748 ug/L	94

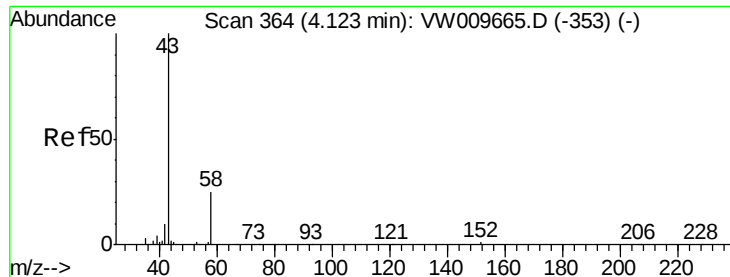
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009679.D
Acq On : 04 Apr 2019 02:16
Operator : SY/VA
Sample : K2188-01
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF648

Quant Time: Apr 04 03:51:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

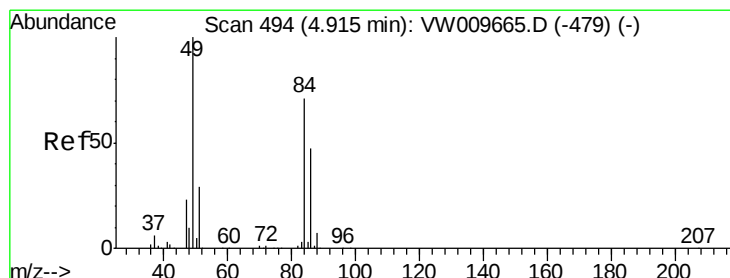
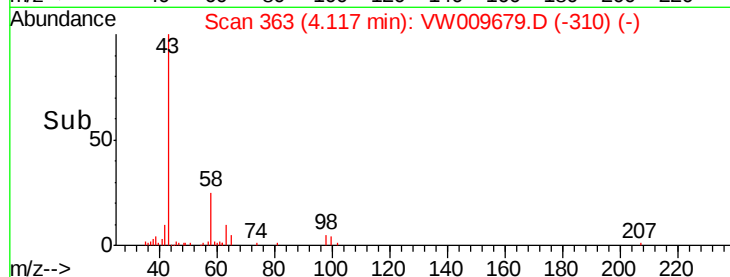
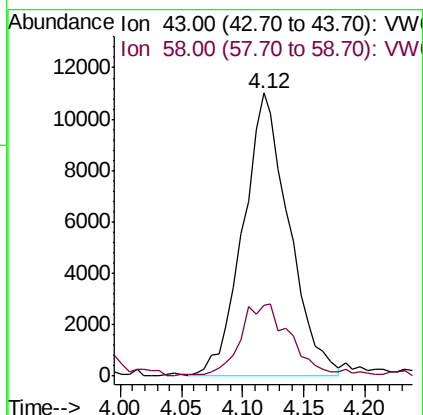
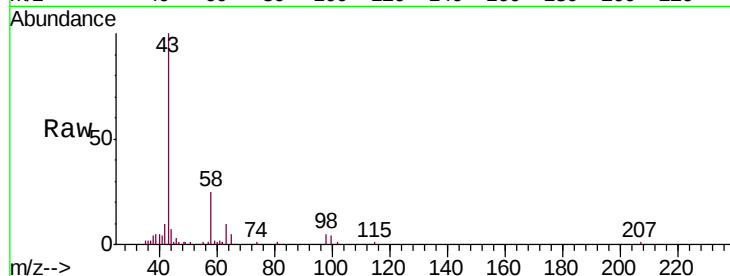




#13
Acetone
Concen: 13.402 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009679.D
Acq: 04 Apr 2019 02:16

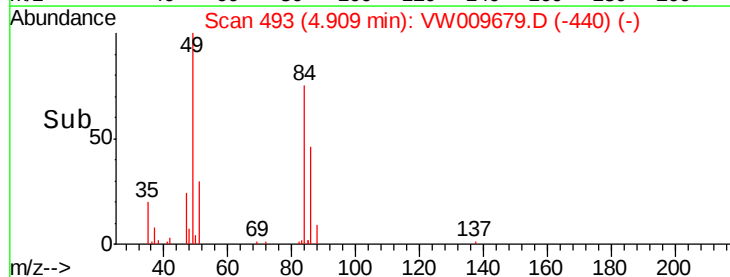
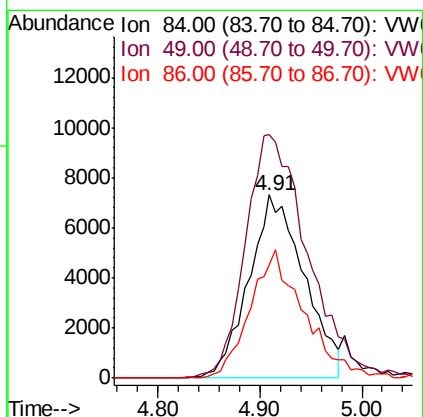
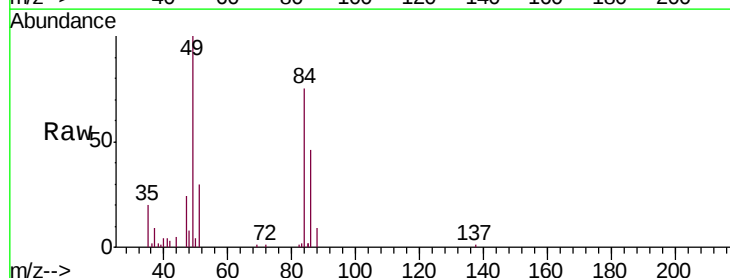
Instrument :
MSVOA_W
ClientSampled :
BF648

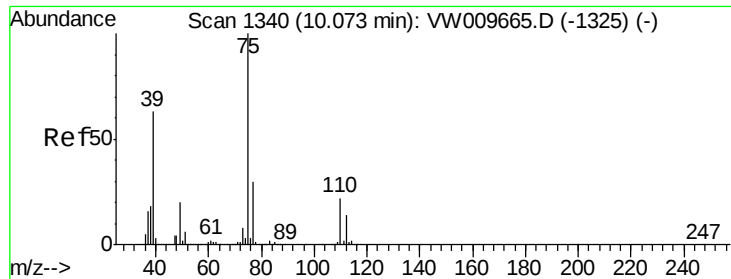
Tgt Ion: 43 Resp: 28732
Ion Ratio Lower Upper
43 100
58 2.9 0.0 53.0



#16
Methylene chloride
Concen: 3.323 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009679.D
Acq: 04 Apr 2019 02:16

Tgt Ion: 84 Resp: 27602
Ion Ratio Lower Upper
84 100
49 133.0 98.3 182.5
86 61.4 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009679.D

Acq: 04 Apr 2019 02:16

Instrument :

MSVOA_W

ClientSampleId :

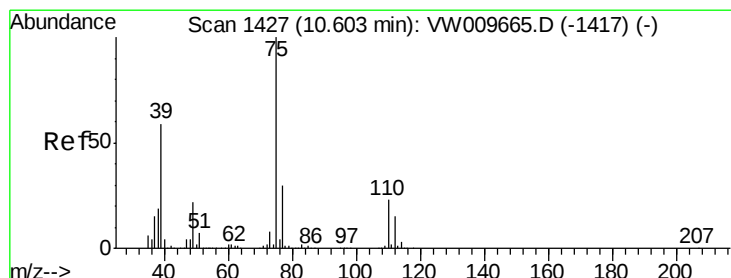
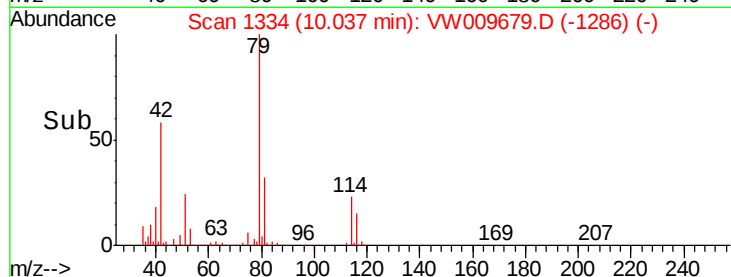
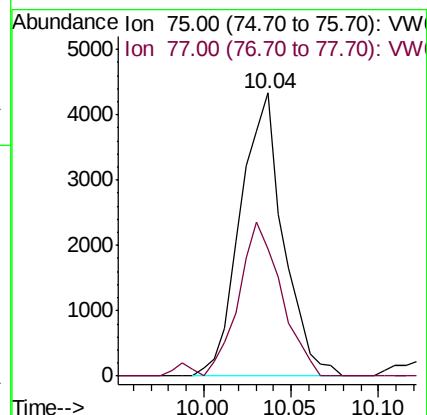
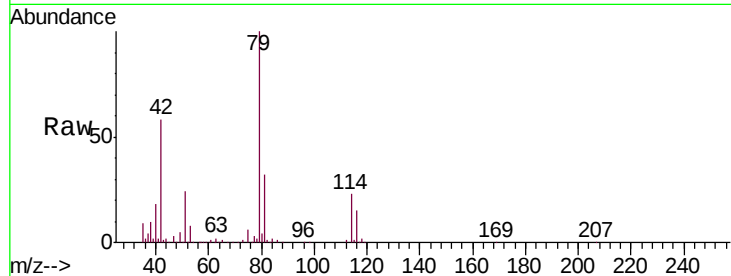
BF648

Tgt Ion: 75 Resp: 7419

Ion Ratio Lower Upper

75 100

77 44.9 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009679.D

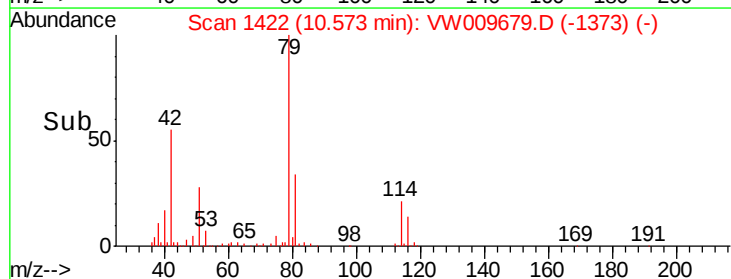
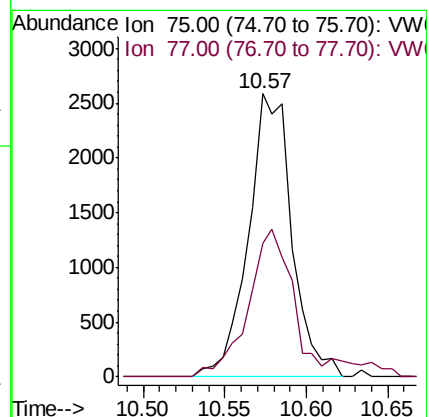
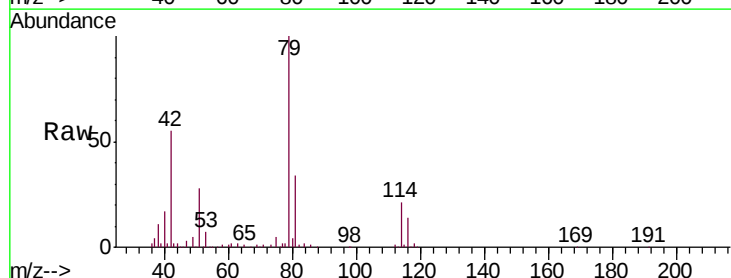
Acq: 04 Apr 2019 02:16

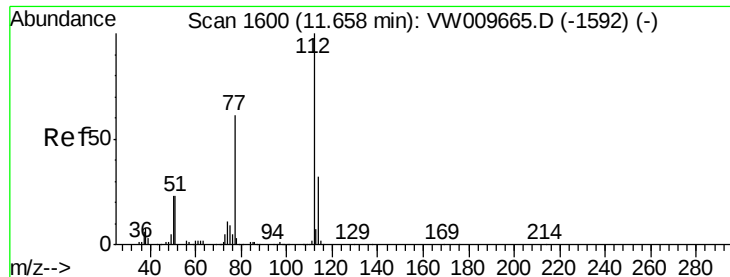
Tgt Ion: 75 Resp: 4809

Ion Ratio Lower Upper

75 100

77 47.2 21.1 39.3#





#52

Chlorobenzene

Concen: 1.804 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW009679.D

Acq: 04 Apr 2019 02:16

Instrument :

MSVOA_W

ClientSampled :

BF648

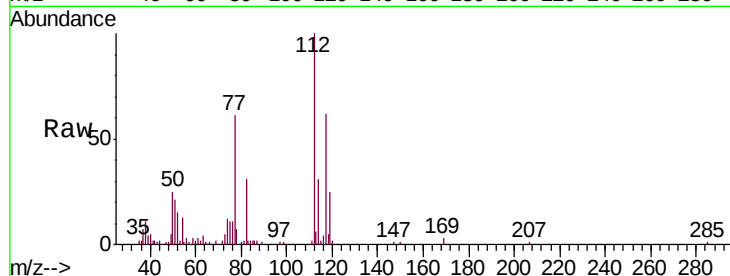
Tgt Ion: 112 Resp: 32037

Ion Ratio Lower Upper

112 100

77 60.7 48.2 72.2

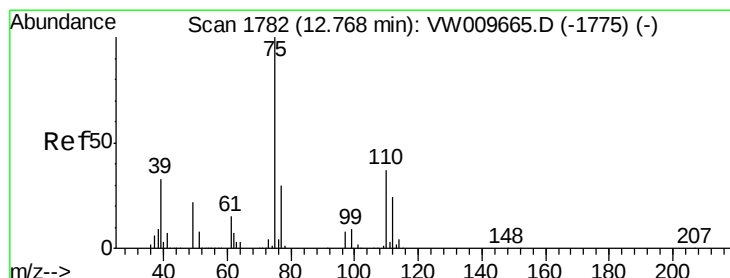
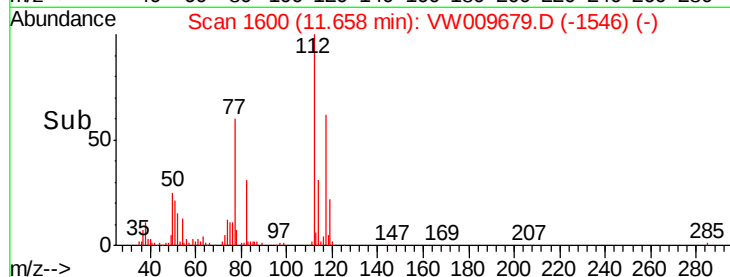
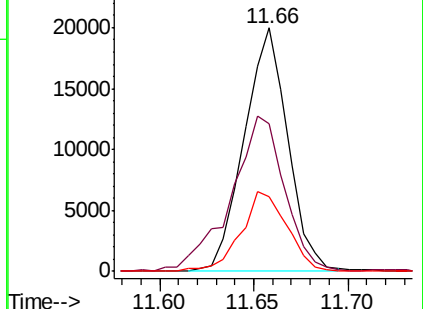
114 30.8 23.0 42.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V



#59

1,2,3-Trichloropropane

Concen: 7.084 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009679.D

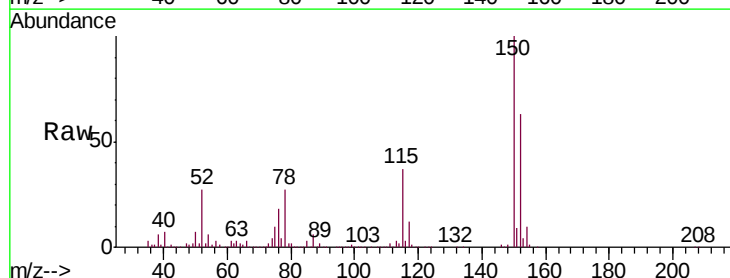
Acq: 04 Apr 2019 02:16

Tgt Ion: 75 Resp: 35488

Ion Ratio Lower Upper

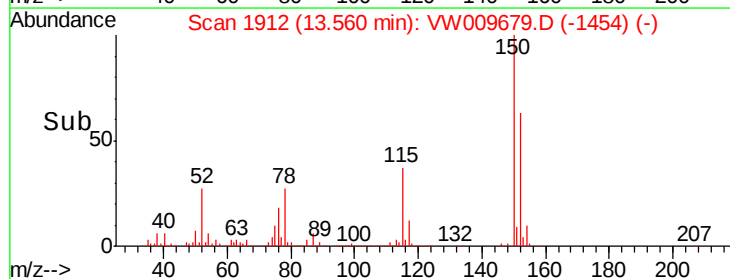
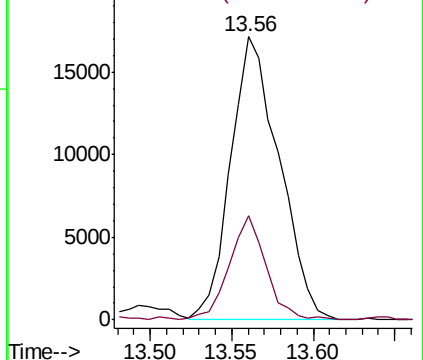
75 100

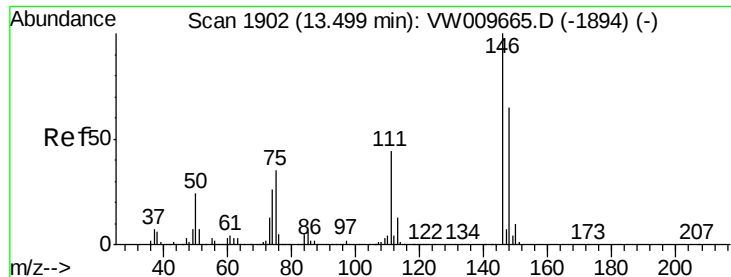
77 27.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

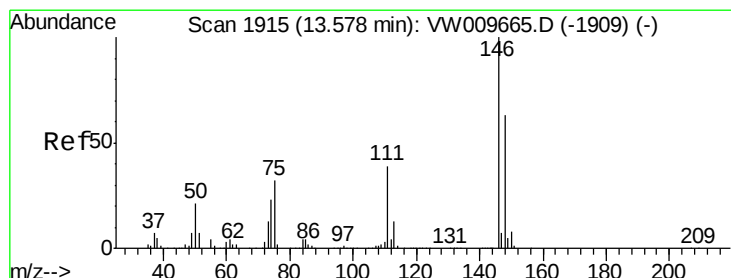
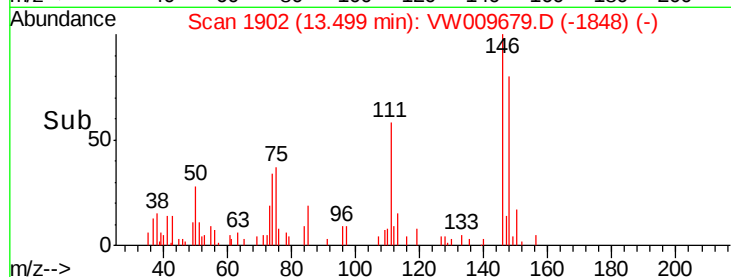
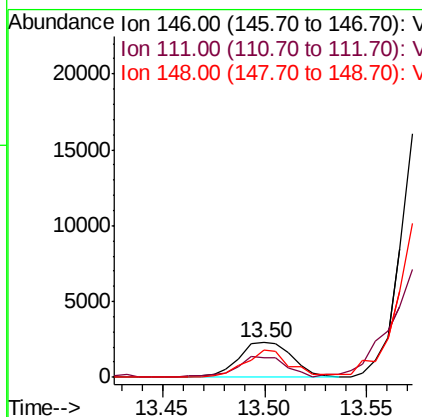
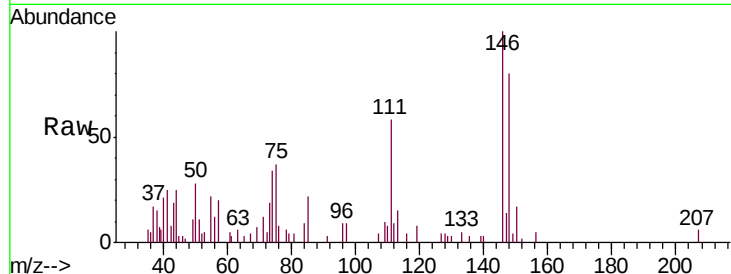




#63
 1,3-Dichlorobenzene
 Concen: 0.394 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009679.D
 Acq: 04 Apr 2019 02:16

Instrument :
 MSVOA_W
 ClientSampleId :
 BF648

Tgt Ion:146 Resp: 4244
 Ion Ratio Lower Upper
 146 100
 111 58.3 28.1 52.3#
 148 80.2 44.3 82.3



#64
 1,4-Dichlorobenzene
 Concen: 2.748 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009679.D
 Acq: 04 Apr 2019 02:16

Tgt Ion:146 Resp: 31529
 Ion Ratio Lower Upper
 146 100
 111 47.0 27.4 50.8
 148 63.7 43.8 81.3

