

Data File : VW009553.D
Acq On : 28 Mar 2019 23:29
Operator : SY/VA
Sample : K2120-07
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5D1

Quant Time: Mar 29 07:44:44 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	394356	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378637	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	150754	31.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.96%
7) Chloroethane-d5	2.89	69	140711	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.08%
10) 1,1-Dichloroethene-d2	4.01	63	225107	22.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.40%
20) 2-Butanone-d5	7.07	46	86042	44.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.30%
24) Chloroform-d	7.64	84	282079	26.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.84%
26) 1,2-Dichloroethane-d4	8.30	65	175432	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	8.27	84	540048	25.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.44%
33) 1,2-Dichloropropane-d6	9.27	67	165490	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	10.32	98	486587	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.80%
38) trans-1,3-Dichloropropene-	10.58	79	69374	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	55467	36.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142428	23.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	158926	26.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.92%

Target Compounds

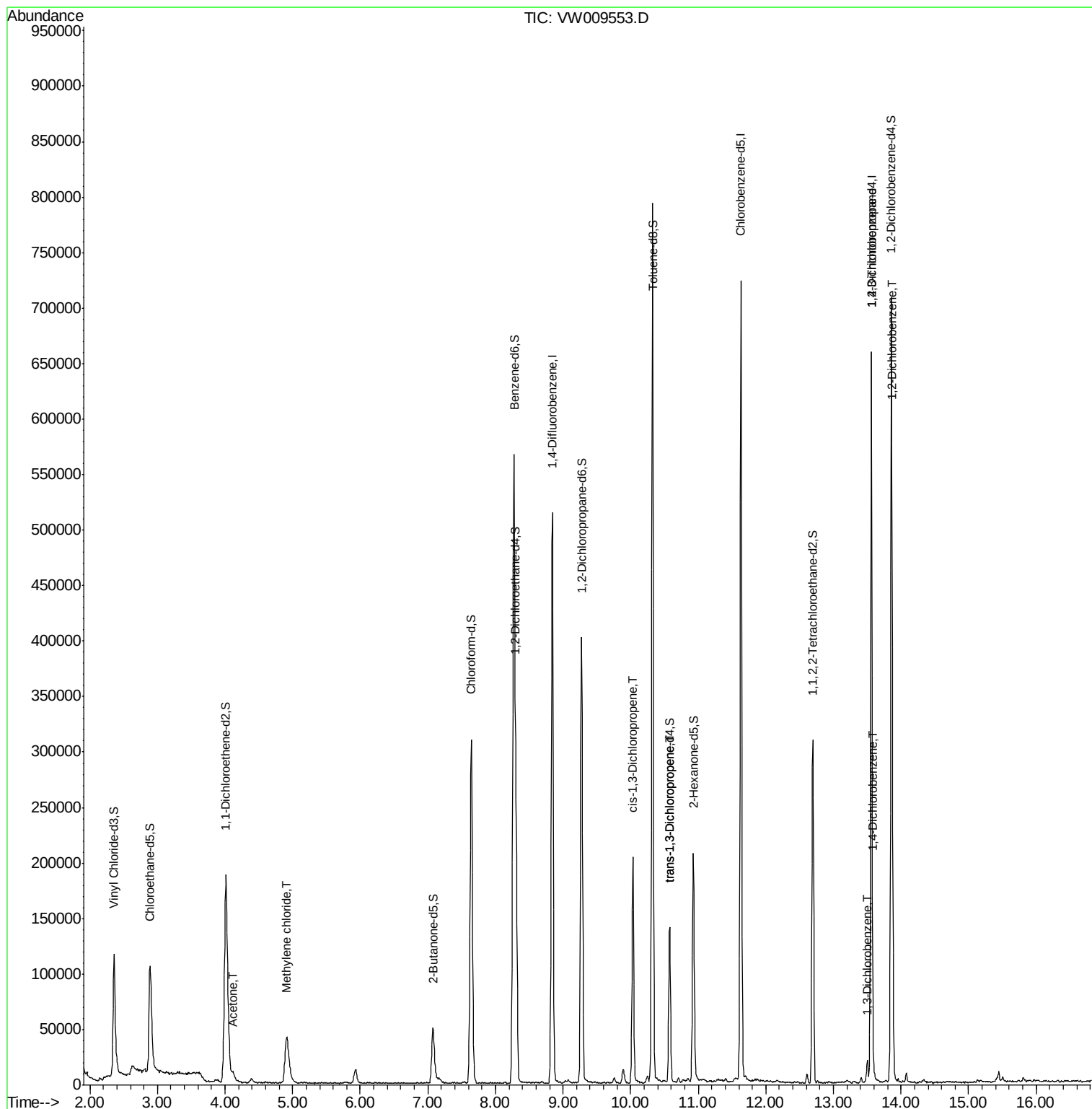
					Qvalue
13) Acetone	4.12	43	10857	6.793 ug/L	89
16) Methylene chloride	4.91	84	18570	3.229 ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	5920	0.683 ug/L #	63
45) trans-1,3-Dichloropropene	10.58	75	4230	0.561 ug/L #	80
59) 1,2,3-Trichloropropane	13.56	75	23812	5.606 ug/L	93
63) 1,3-Dichlorobenzene	13.50	146	6512	0.698 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	8810	0.914 ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	60533	6.806 ug/L	96

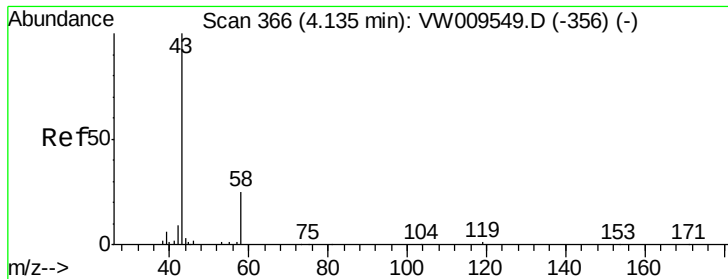
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.793 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009553.D

Acq: 28 Mar 2019 23:29

Instrument :

MSVOA_W

ClientSampled :

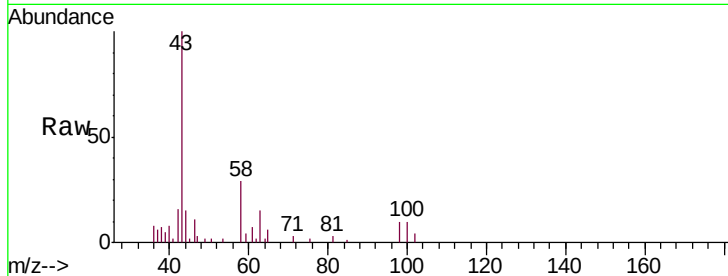
BF5D1

Tgt Ion: 43 Resp: 10857

Ion Ratio Lower Upper

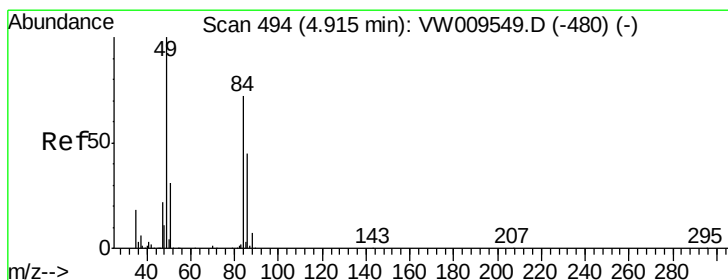
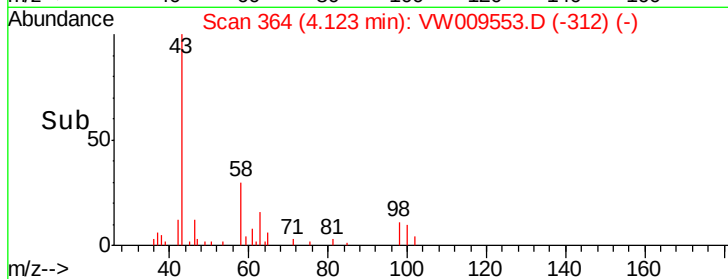
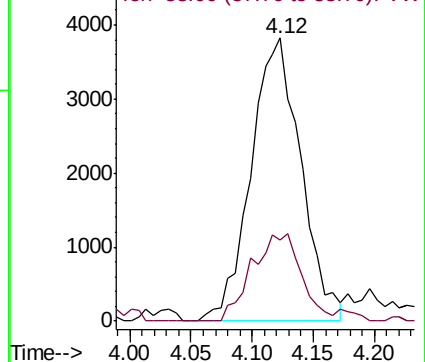
43 100

58 22.1 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: 3.229 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009553.D

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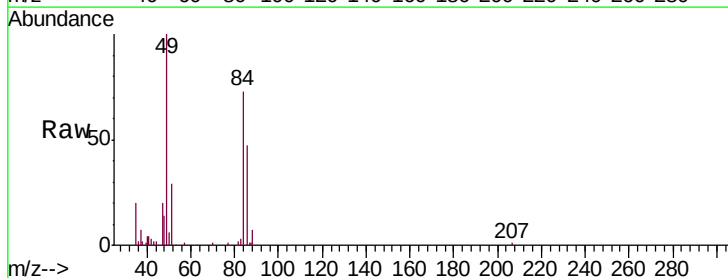
Tgt Ion: 84 Resp: 18570

Ion Ratio Lower Upper

84 100

49 137.3 96.0 178.2

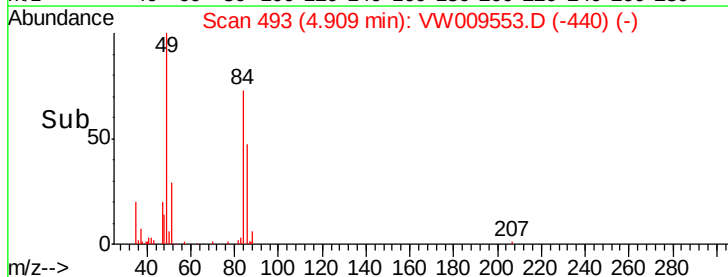
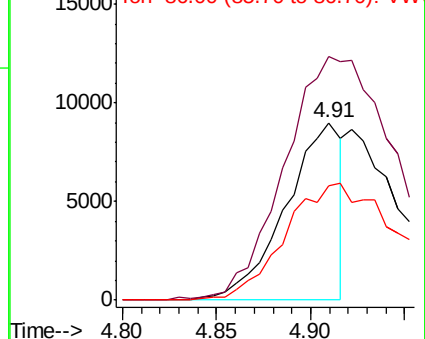
86 64.4 44.4 82.5

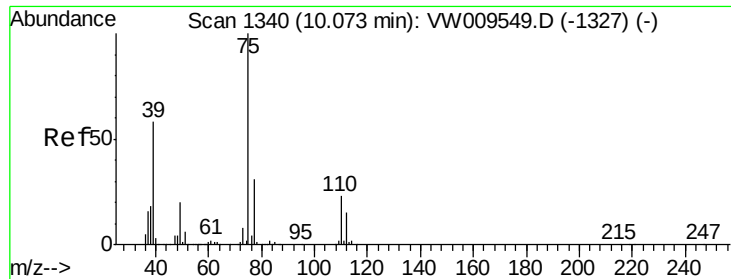


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.683 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Acq: 28 Mar 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

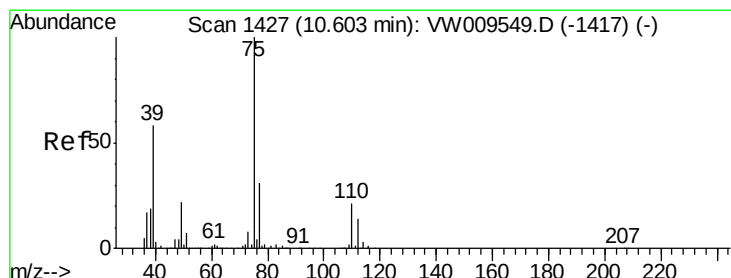
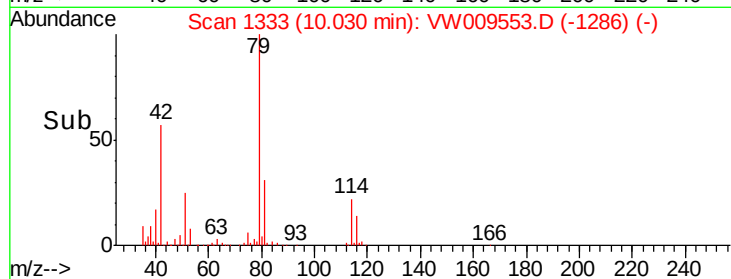
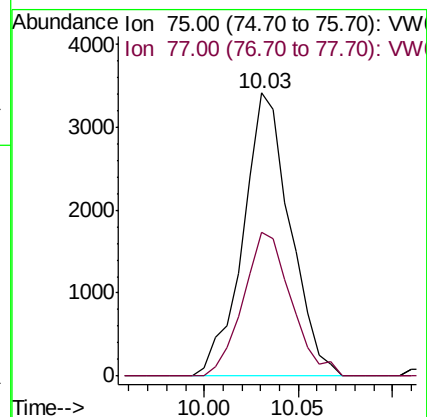
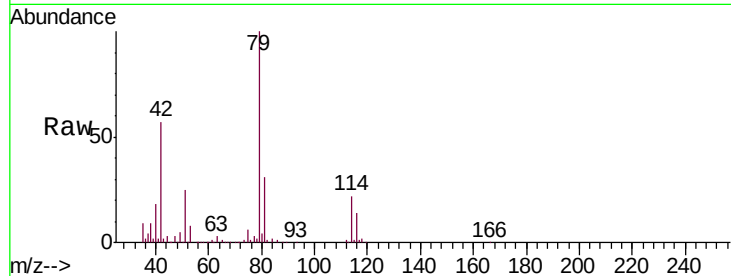
BF5D1

Tgt Ion: 75 Resp: 5920

Ion Ratio Lower Upper

75 100

77 51.0 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.561 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009553.D

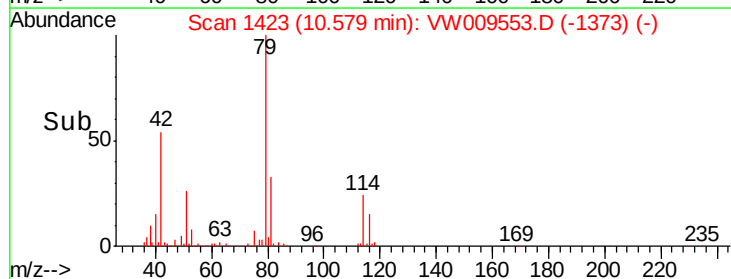
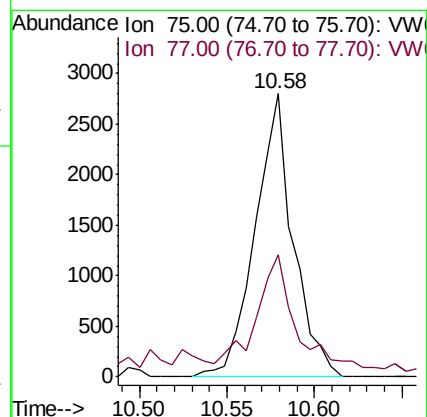
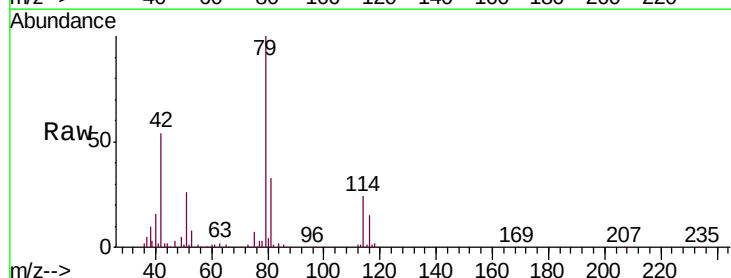
Acq: 28 Mar 2019 23:29

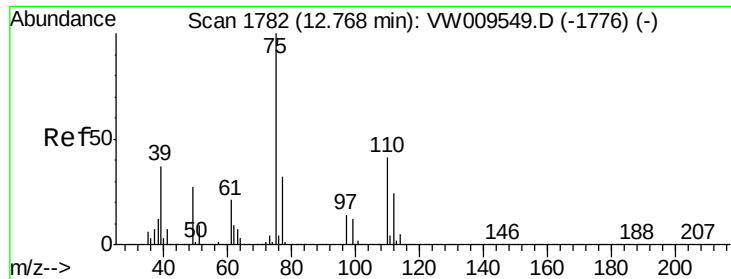
Tgt Ion: 75 Resp: 4230

Ion Ratio Lower Upper

75 100

77 43.1 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 5.606 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009553.D

Acq: 28 Mar 2019 23:29

Instrument :

MSVOA_W

ClientSampled :

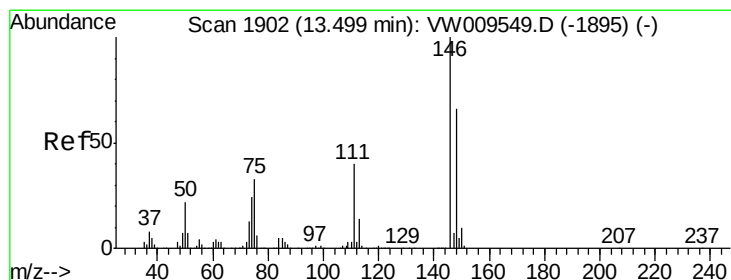
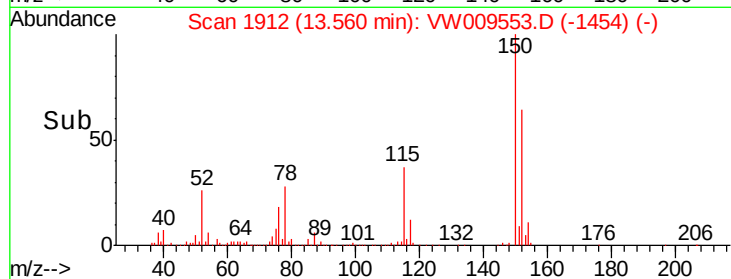
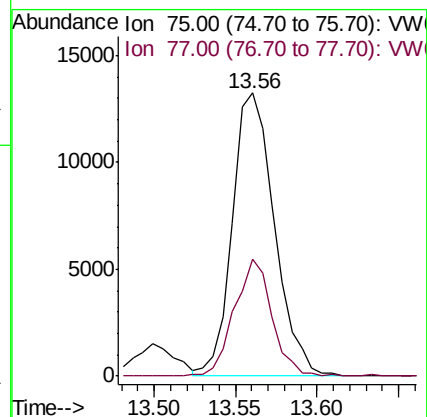
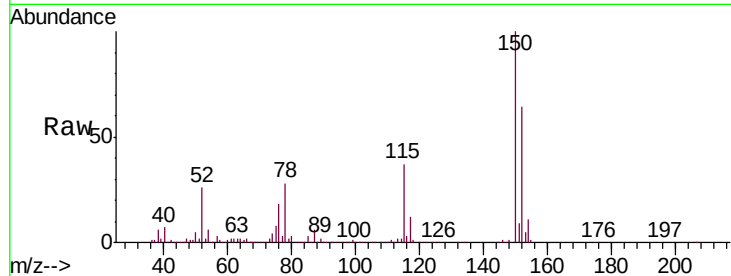
BF5D1

Tgt Ion: 75 Resp: 23812

Ion Ratio Lower Upper

75 100

77 36.9 26.2 39.2



#63

1,3-Dichlorobenzene

Concen: 0.698 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009553.D

Acq: 28 Mar 2019 23:29

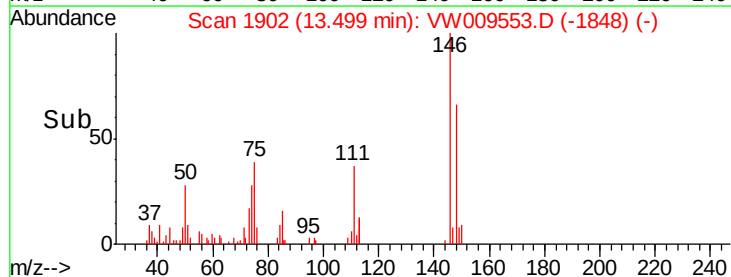
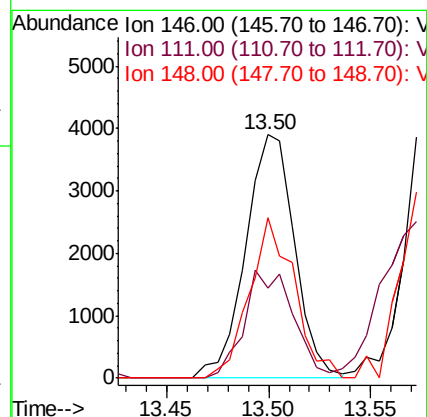
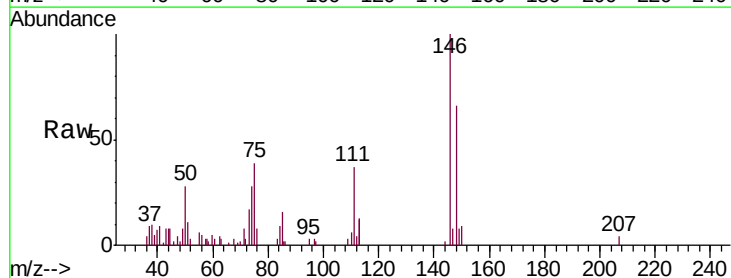
Tgt Ion: 146 Resp: 6512

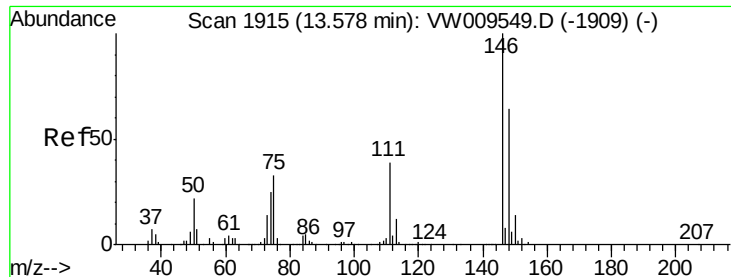
Ion Ratio Lower Upper

146 100

111 37.0 26.9 49.9

148 66.1 45.1 83.7

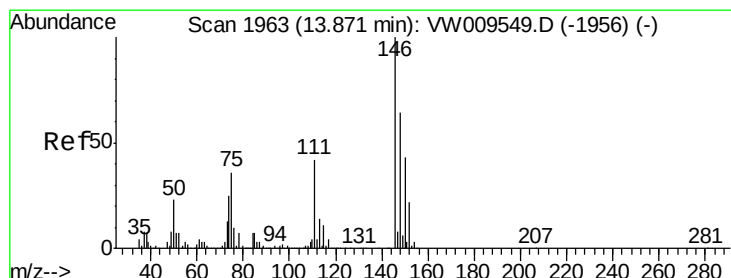
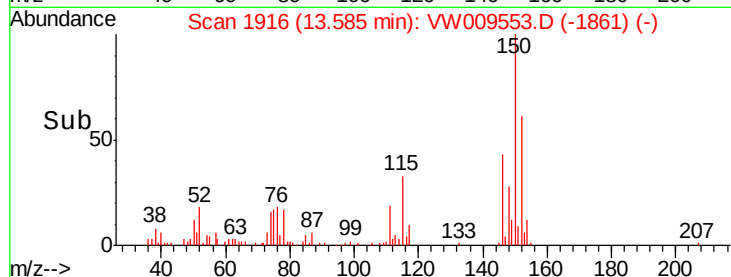
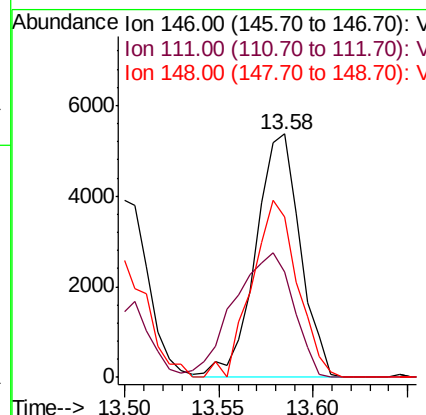
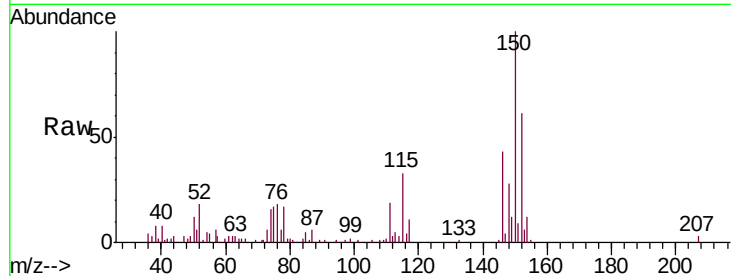




#64
1,4-Dichlorobenzene
Concen: 0.914 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. 0.01 min
Lab File: VW009553.D
Acq: 28 Mar 2019 23:29

Instrument :
MSVOA_W
ClientSampled :
BF5D1

Tgt Ion:146 Resp: 8810
Ion Ratio Lower Upper
146 100
111 43.2 27.8 51.6
148 65.7 46.3 86.1



#65
1,2-Dichlorobenzene
Concen: 6.806 ug/L
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW009553.D
Acq: 28 Mar 2019 23:29

Tgt Ion:146 Resp: 60533
Ion Ratio Lower Upper
146 100
111 41.2 33.5 50.3
148 67.6 50.2 75.2

