

Data File : VW009642.D
Acq On : 01 Apr 2019 23:49
Operator : SY/VA
Sample : K2119-13
Misc : 3.84G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5A8

Quant Time: Apr 02 01:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	438593	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116353	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
7) Chloroethane-d5	2.89	69	117656	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.76%
10) 1,1-Dichloroethene-d2	4.01	63	188683	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.08	46	90915	41.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.88%
24) Chloroform-d	7.64	84	280852	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.31	65	171411	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
29) Benzene-d6	8.27	84	489092	20.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.08%
33) 1,2-Dichloropropane-d6	9.27	67	160003	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.40%
37) Toluene-d8	10.32	98	422030	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.60%
38) trans-1,3-Dichloropropene-	10.58	79	67169	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.72%
39) 2-Hexanone-d5	10.93	63	63450	36.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150654	21.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	161460	22.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.64%

Target Compounds

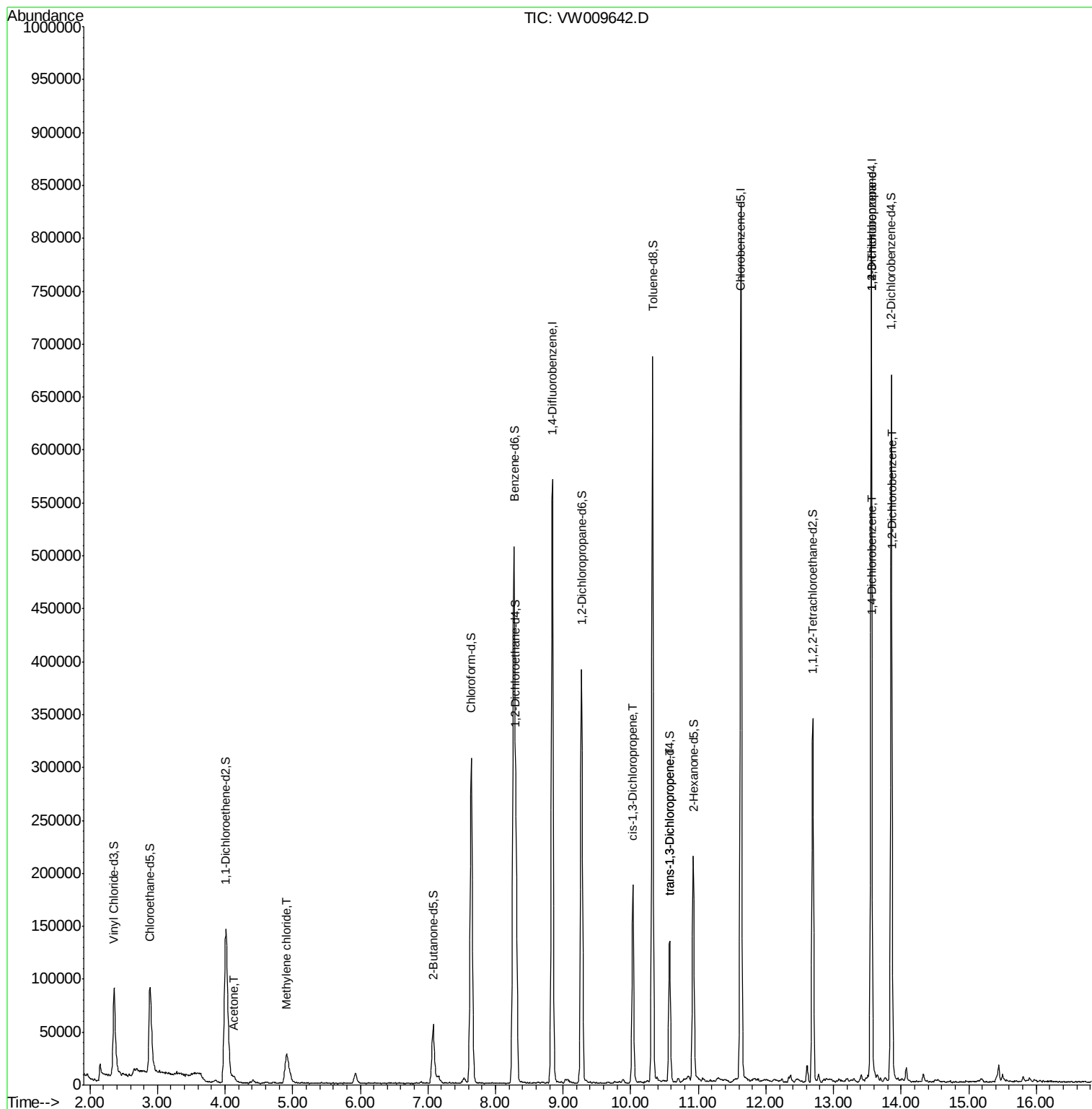
					Qvalue
13) Acetone	4.12	43	7599	4.275 ug/L	63
16) Methylene chloride	4.92	84	24867	3.888 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4933	0.499 ug/L #	64
45) trans-1,3-Dichloropropene	10.57	75	3833	0.446 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	26240	5.412 ug/L	90
64) 1,4-Dichlorobenzene	13.58	146	3094	0.264 ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	8081	0.748 ug/L	93

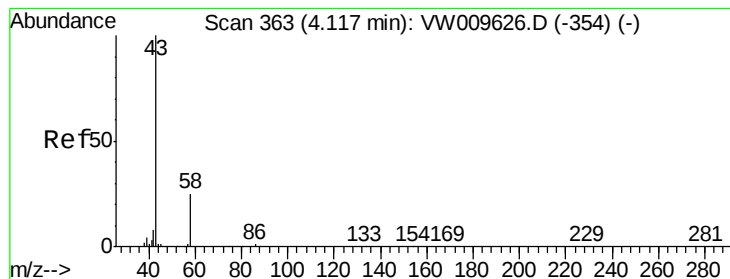
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.275 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

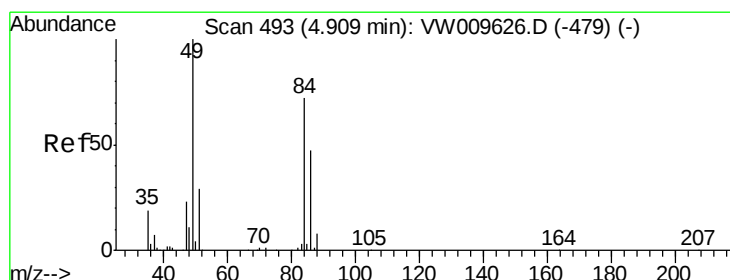
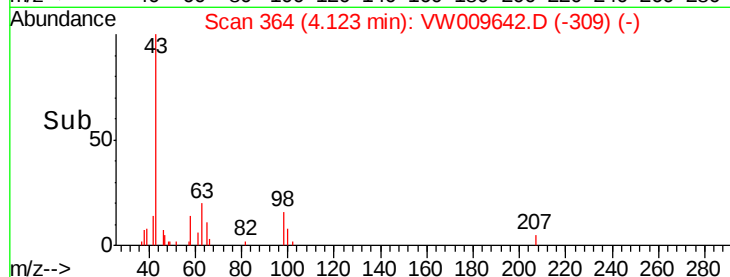
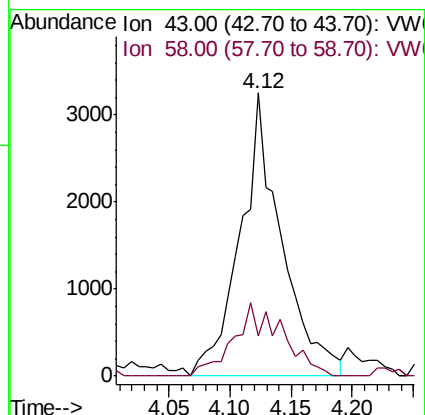
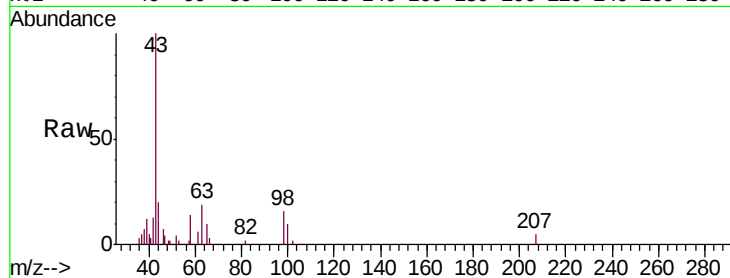
BF5A8

Tgt Ion: 43 Resp: 7599

Ion Ratio Lower Upper

43 100

58 8.7 0.0 56.2



#16

Methylene chloride

Concen: 3.888 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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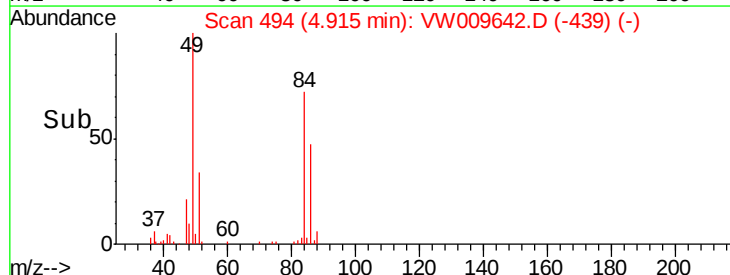
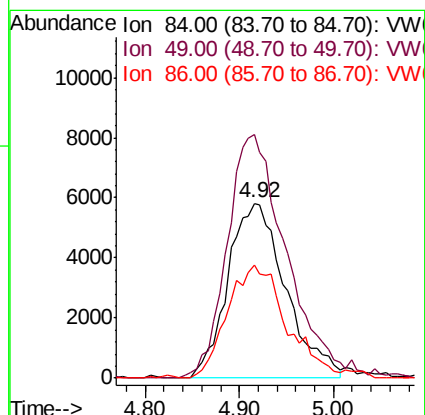
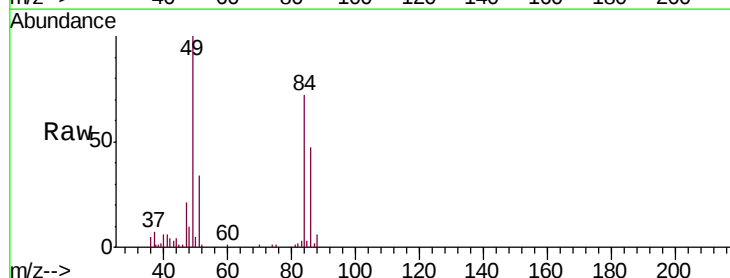
Tgt Ion: 84 Resp: 24867

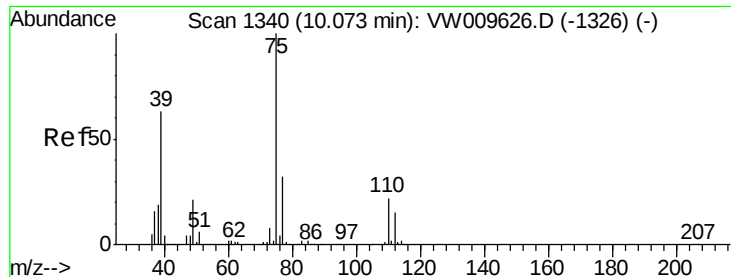
Ion Ratio Lower Upper

84 100

49 139.5 96.0 178.2

86 65.1 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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ClientSampleId :

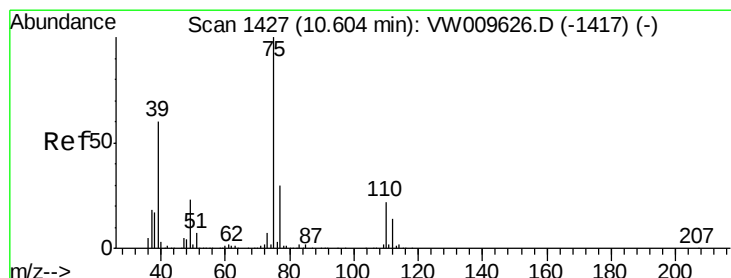
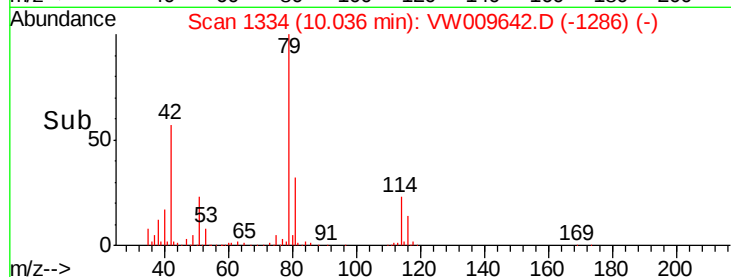
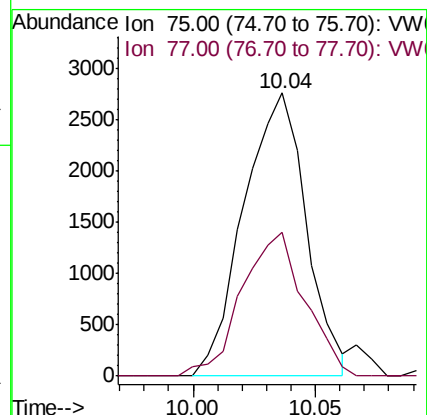
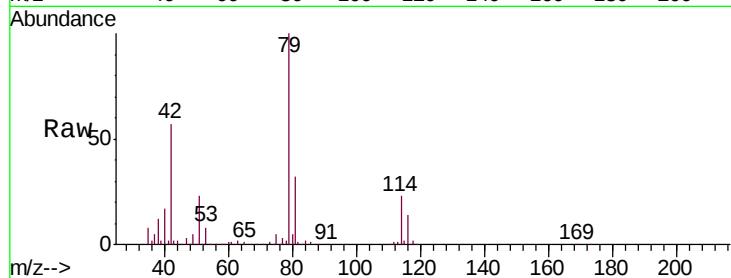
BF5A8

Tgt Ion: 75 Resp: 4933

Ion Ratio Lower Upper

75 100

77 50.8 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.446 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009642.D

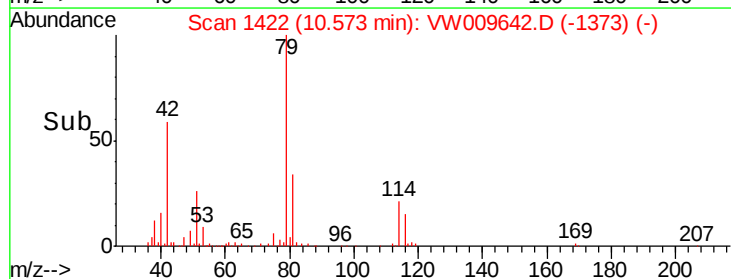
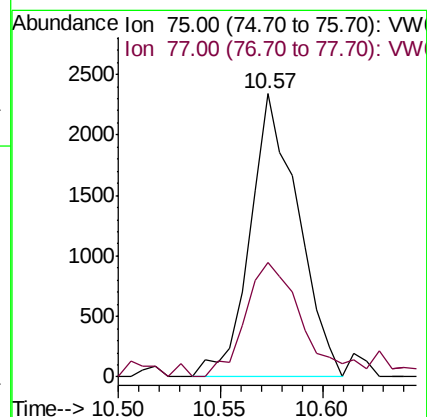
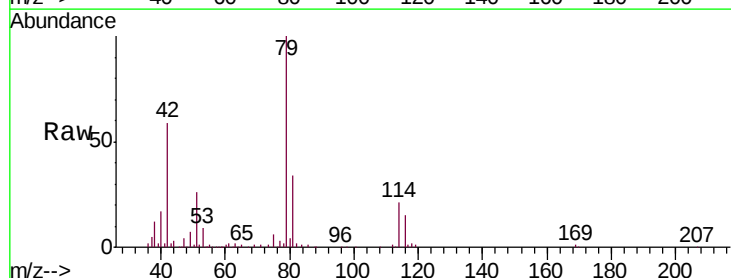
Acq: 01 Apr 2019 23:49

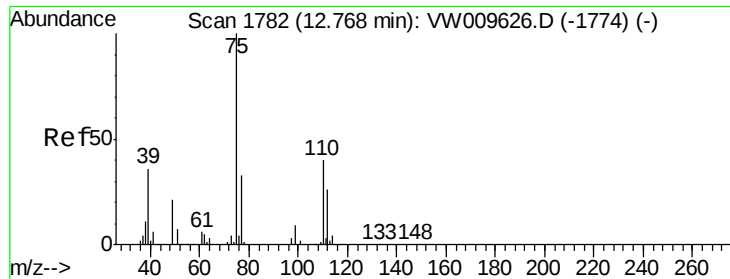
Tgt Ion: 75 Resp: 3833

Ion Ratio Lower Upper

75 100

77 40.5 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 5.412 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009642.D

Acq: 01 Apr 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

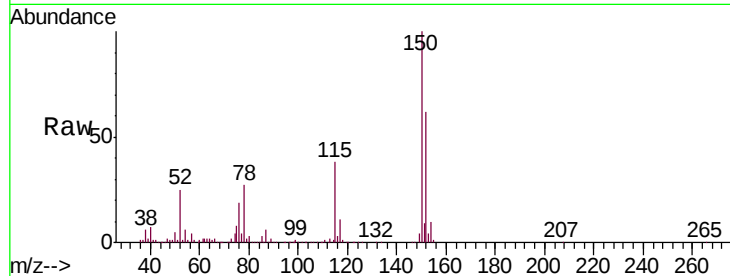
BF5A8

Tgt Ion: 75 Resp: 26240

Ion Ratio Lower Upper

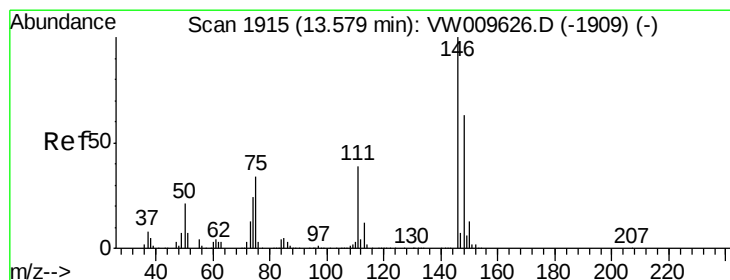
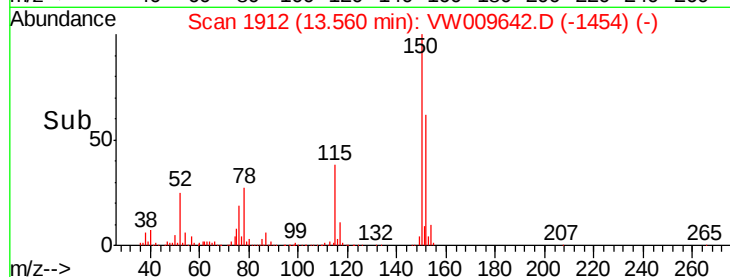
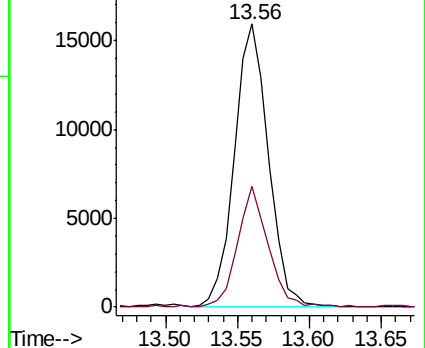
75 100

77 38.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#64

1,4-Dichlorobenzene

Concen: 0.264 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW009642.D

Acq: 01 Apr 2019 23:49

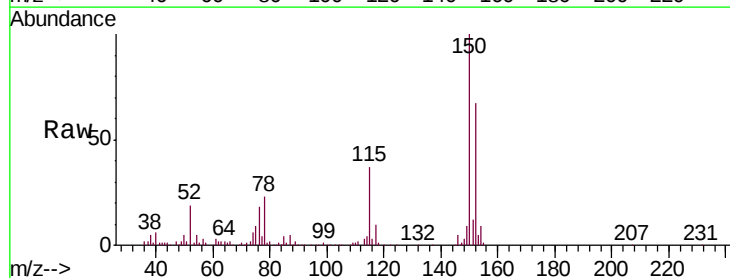
Tgt Ion: 146 Resp: 3094

Ion Ratio Lower Upper

146 100

111 46.7 27.8 51.6

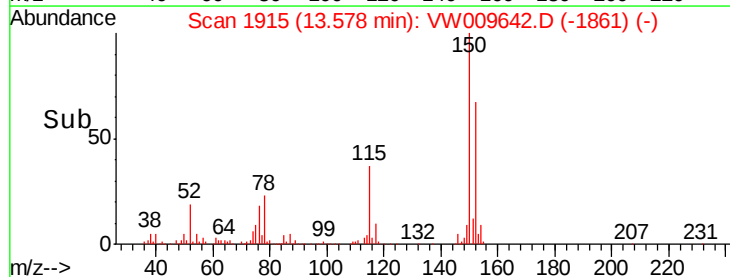
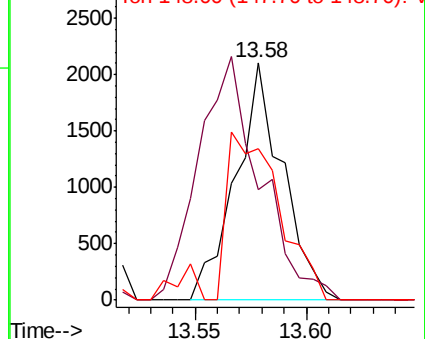
148 63.8 46.3 86.1

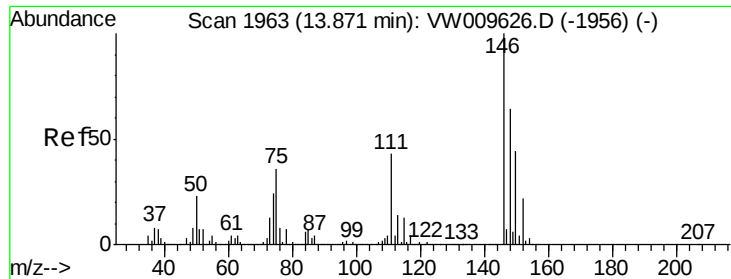


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

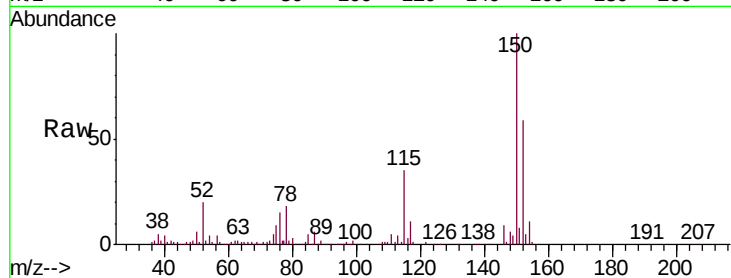




#65
 1,2-Dichlorobenzene
 Concen: 0.748 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009642.D
 Acq: 01 Apr 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5A8

Tgt Ion:146 Resp: 8081
 Ion Ratio Lower Upper
 146 100
 111 50.2 33.5 50.3
 148 64.9 50.2 75.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

