

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030381.D
 Acq On : 24 Mar 2019 19:23
 Operator : JC/SP
 Sample : K2062-07 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A2

Quant Time: Mar 25 05:48:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 25 03:20:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	410069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	369029	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147764	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	137872	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.56%
7) Chloroethane-d5	1.67	69	120233	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.92%
11) 1,1-Dichloroethene-d2	2.27	63	198046	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	4.17	46	286058	92.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.21%
24) Chloroform-d	4.64	84	254312	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
26) 1,2-Dichloroethane-d4	5.31	65	176394	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.34	84	534708	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
36) 1,2-Dichloropropane-d6	6.33	67	189621	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.74%
41) Toluene-d8	7.56	98	451656	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%
43) trans-1,3-Dichloropropene-	7.85	79	74263	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.24%
47) 2-Hexanone-d5	8.31	63	197816	100.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	251130	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	149809	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

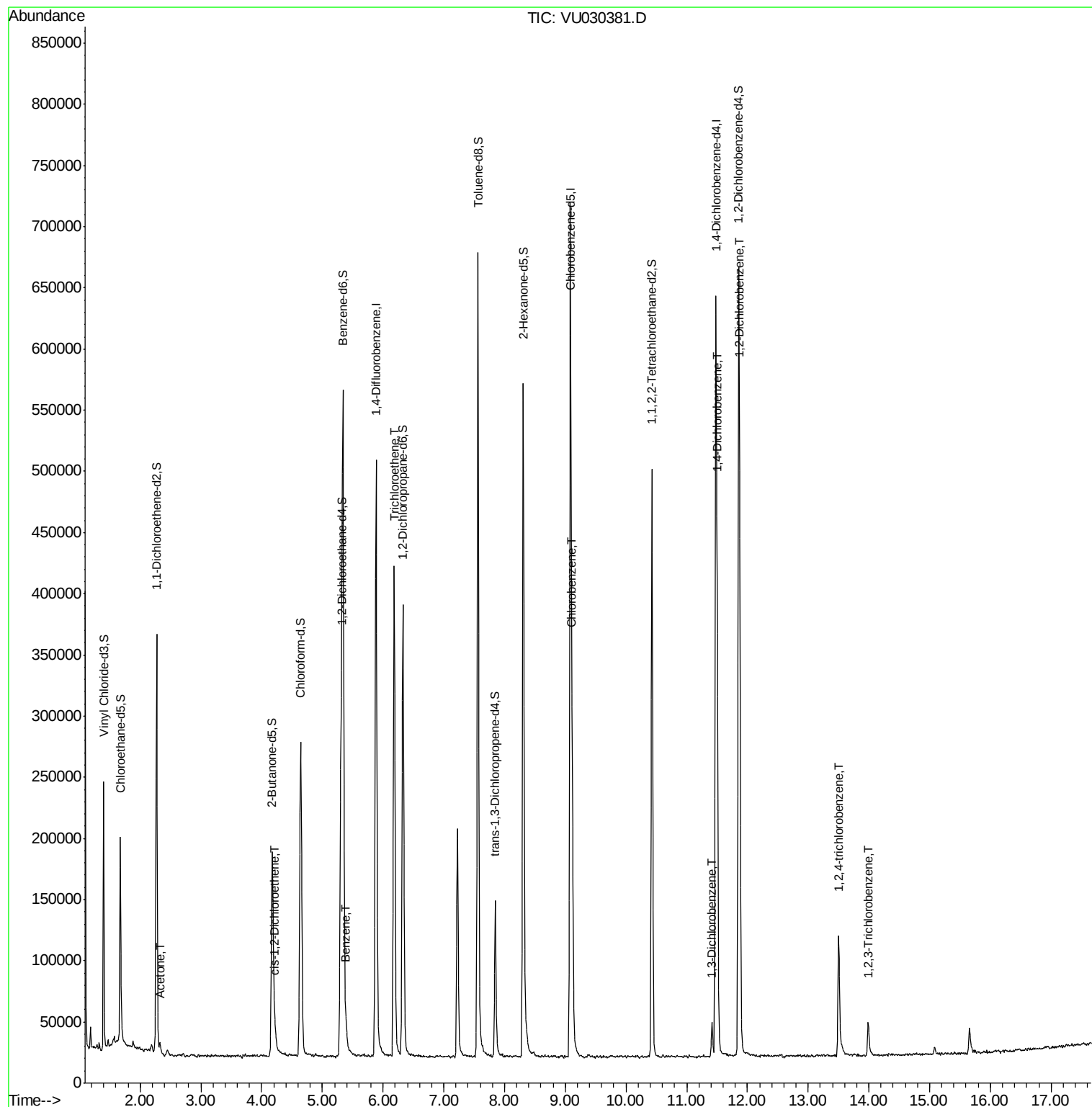
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	4943	1.576	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	2949	0.854	ug/L	86
33) Benzene	5.39	78	19505	1.553	ug/L	100
34) Trichloroethene	6.18	95	147376	47.723	ug/L	98
51) Chlorobenzene	9.12	112	125161	15.840	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	10926	2.261	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	129849	26.102	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	109433	22.396	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	35456	11.280	ug/L	91
70) 1,2,3-Trichlorobenzene	13.99	180	11427	3.443	ug/L	93

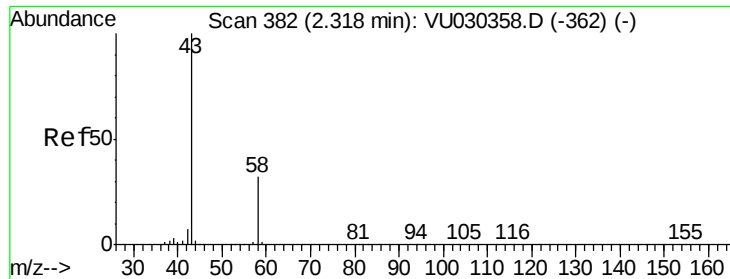
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032419\
Data File : VU030381.D
Acq On : 24 Mar 2019 19:23
Operator : JC/SP
Sample : K2062-07 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Quant Time: Mar 25 05:48:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.576 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030381.D

Acq: 24 Mar 2019 19:23

Instrument :

MSVOA_U

ClientSampleId :

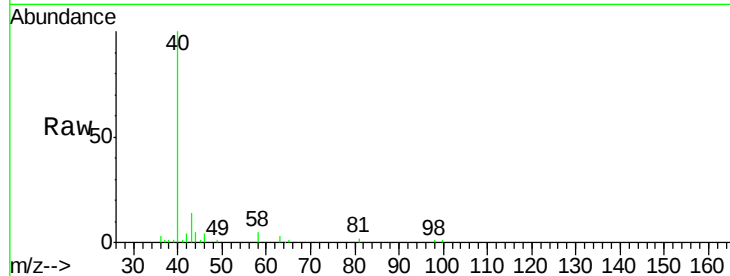
BF1A2

Tot Ion: 43 Resp: 4943

Ion Ratio Lower Upper

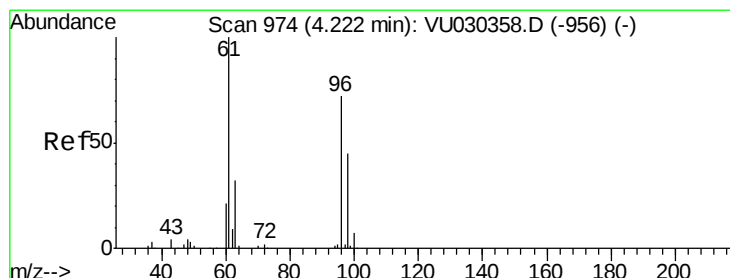
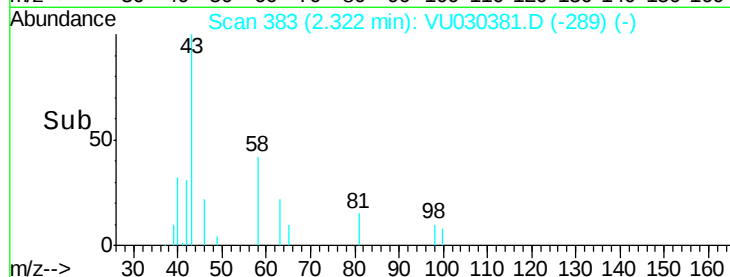
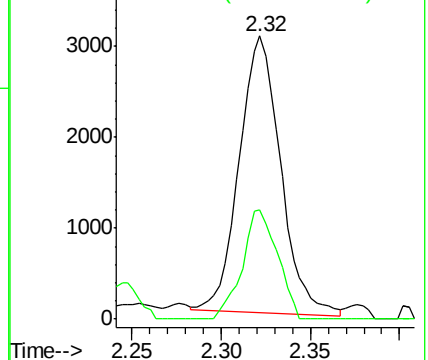
43 100

58 33.6 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030381.D (-383) (-)

Ion 58.00 (57.70 to 58.70): VU030381.D (-383) (-)



#20

cis-1,2-Dichloroethene

Concen: 0.854 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030381.D

Acq: 24 Mar 2019 19:23

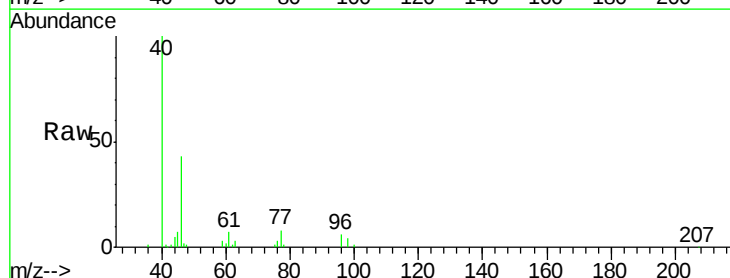
Tgt Ion: 96 Resp: 2949

Ion Ratio Lower Upper

96 100

61 123.2 98.4 182.8

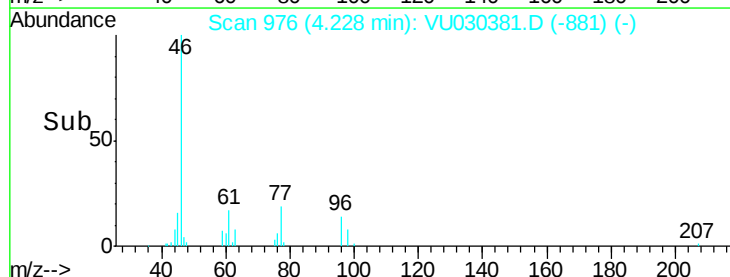
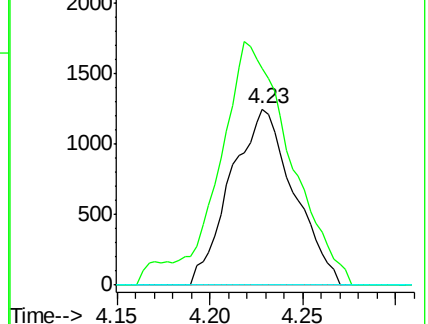
68 0.0 0.0 0.0

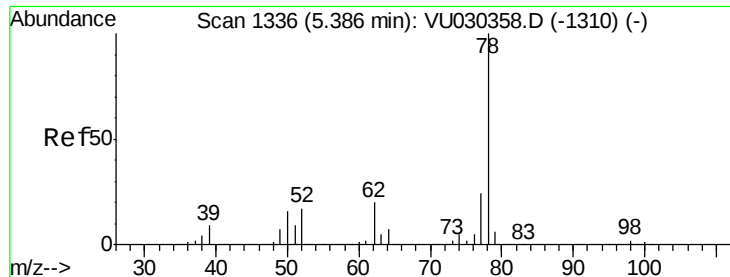


Abundance Ion 96.00 (95.70 to 96.70): VU030381.D (-976) (-)

Ion 61.00 (60.70 to 61.70): VU030381.D (-976) (-)

Ion 68.00 (67.70 to 68.70): VU030381.D (-976) (-)





#33

Benzene

Concen: 1.553 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU030381.D

Acq: 24 Mar 2019 19:23

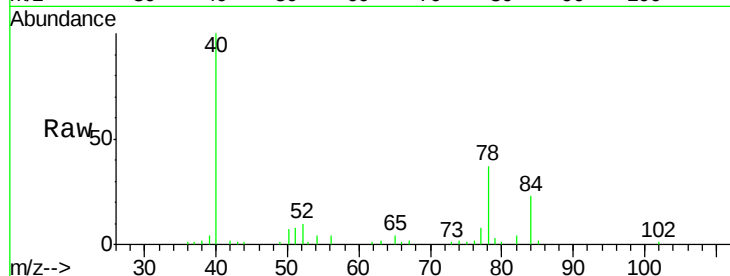
Instrument :

MSVOA_U

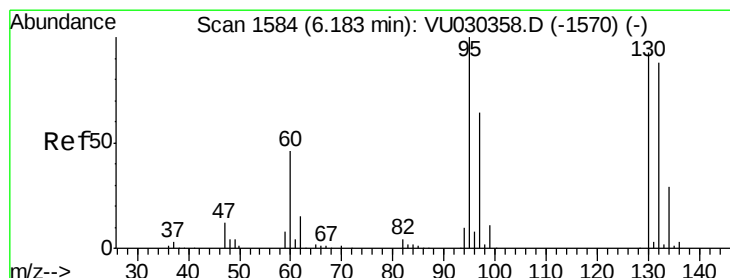
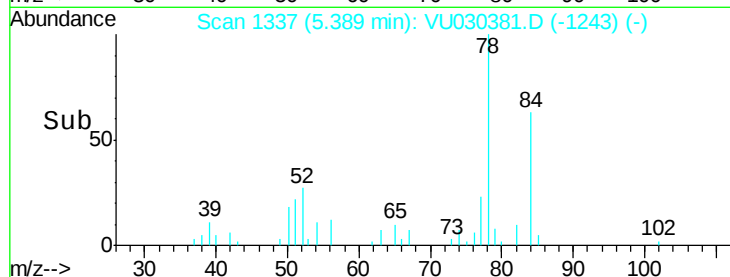
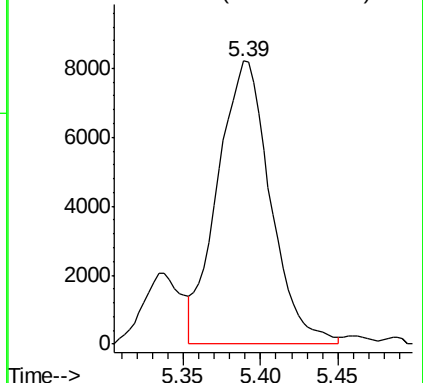
ClientSampleId :

BF1A2

Tgt Ion: 78 Resp: 19505



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 47.723 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030381.D

Acq: 24 Mar 2019 19:23

Tgt Ion: 95 Resp: 147376

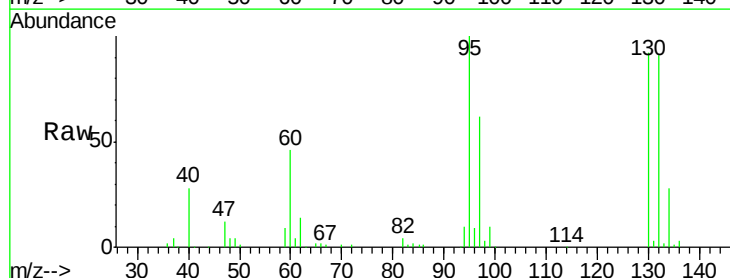
Ion Ratio Lower Upper

95 100

97 62.1 45.7 84.9

132 90.8 63.8 118.4

130 92.0 65.7 121.9

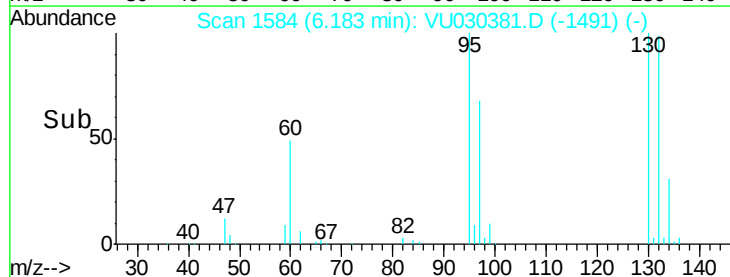
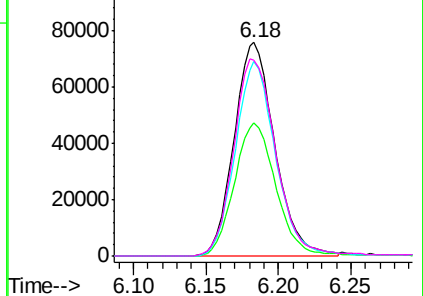


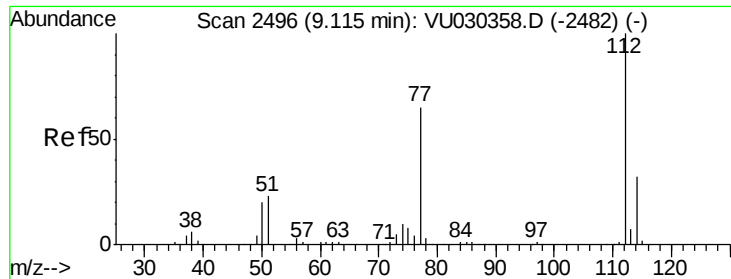
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#51

Chlorobenzene

Concen: 15.840 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU030381.D

Acq: 24 Mar 2019 19:23

Instrument :

MSVOA_U

ClientSampleId :

BF1A2

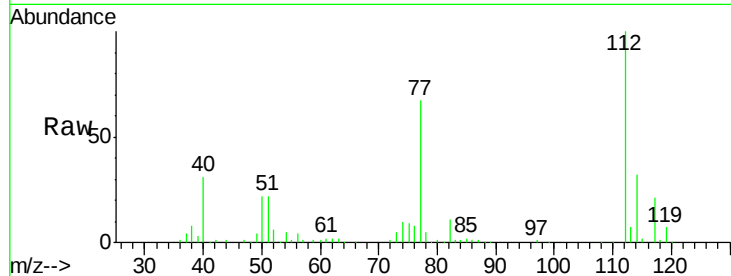
Tot Ion:112 Resp: 125161

Ion Ratio Lower Upper

112 100

114 32.3 21.5 39.9

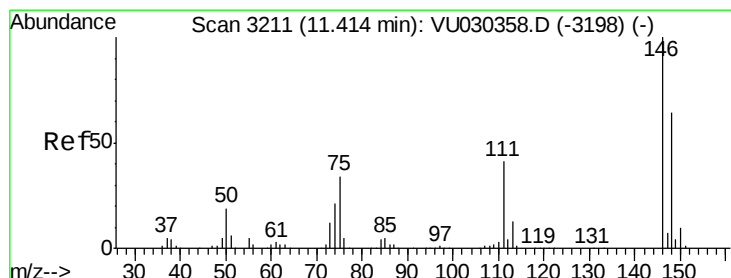
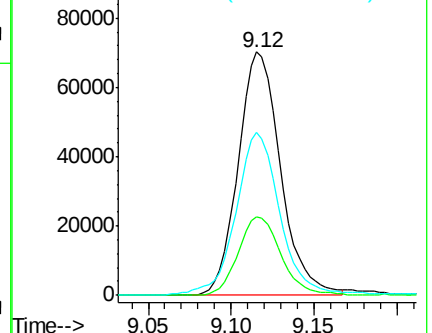
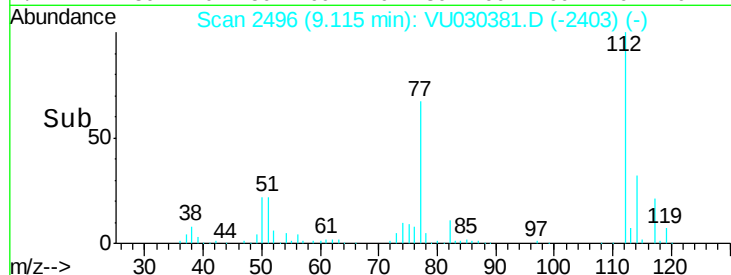
77 66.7 51.4 77.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 2.261 ug/L

RT: 11.42 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VU030381.D

Acq: 24 Mar 2019 19:23

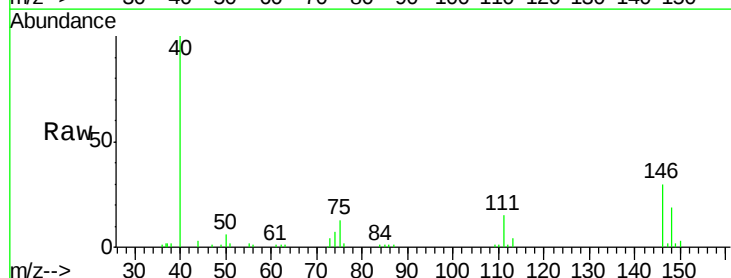
Tgt Ion:146 Resp: 10926

Ion Ratio Lower Upper

146 100

111 49.5 29.2 54.2

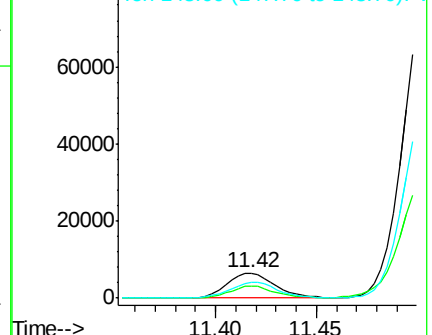
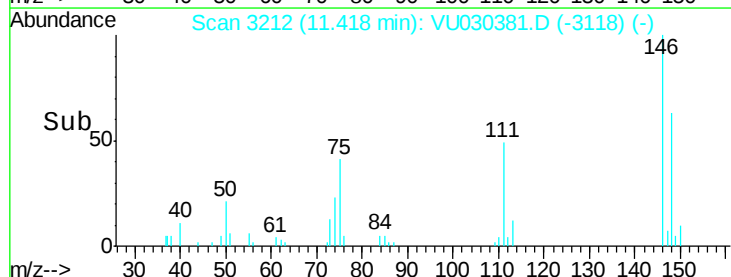
148 63.0 44.4 82.4

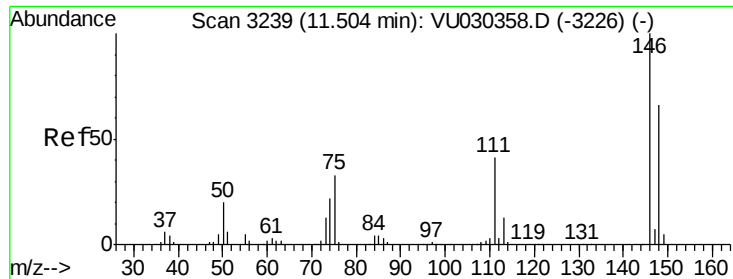


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 26.102 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU030381.D

Acq: 24 Mar 2019 19:23

Instrument :

MSVOA_U

ClientSampleId :

BF1A2

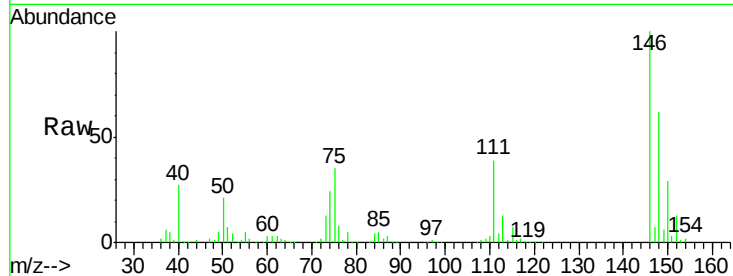
Tot Ion:146 Resp: 129849

Ion Ratio Lower Upper

146 100

111 39.2 28.7 53.3

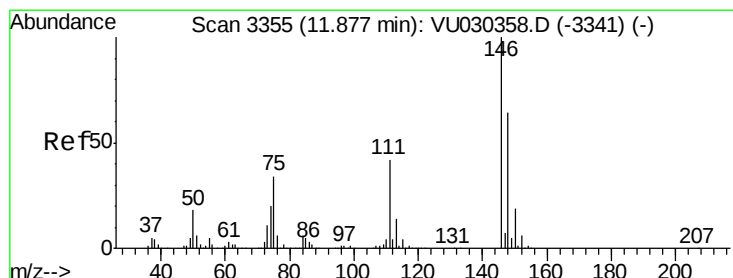
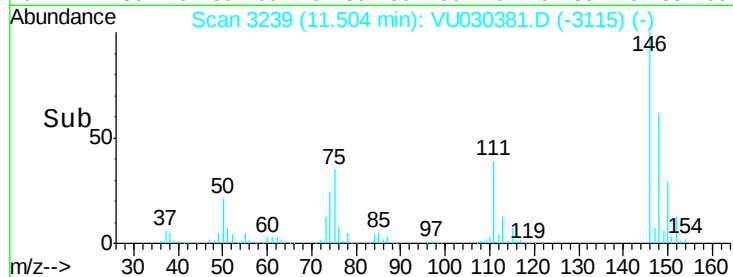
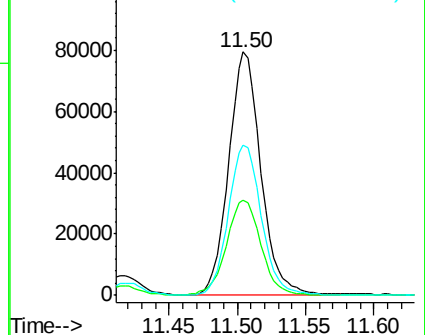
148 61.7 44.3 82.3



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: 22.396 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030381.D

Acq: 24 Mar 2019 19:23

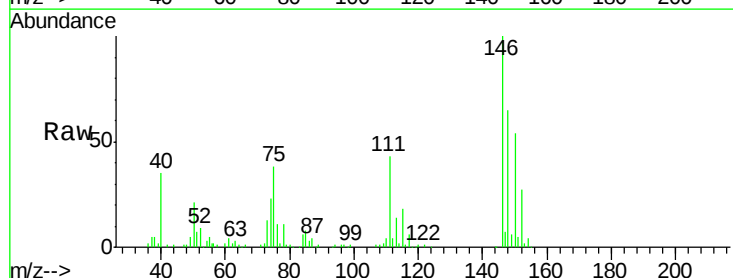
Tgt Ion:146 Resp: 109433

Ion Ratio Lower Upper

146 100

111 43.4 34.9 52.3

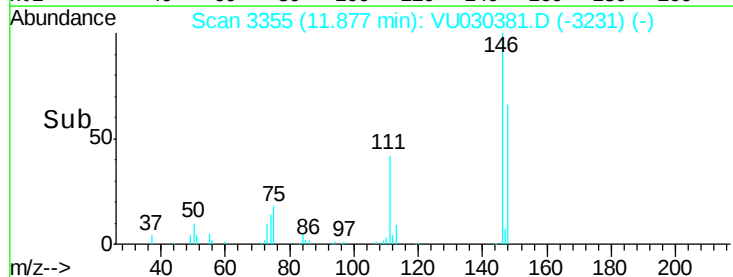
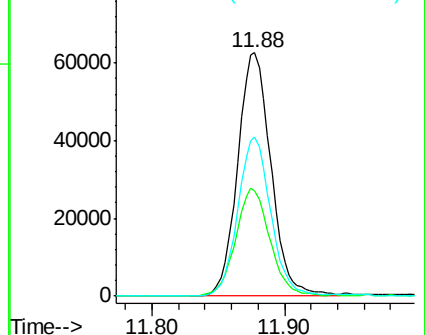
148 65.3 51.2 76.8

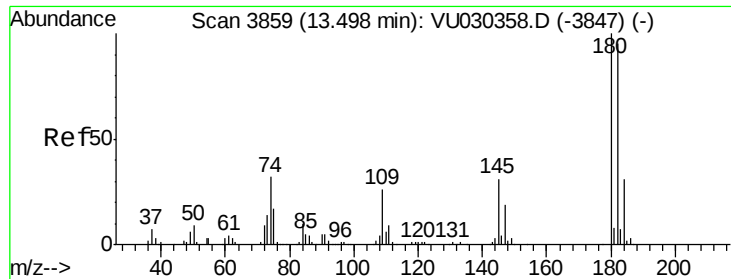


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

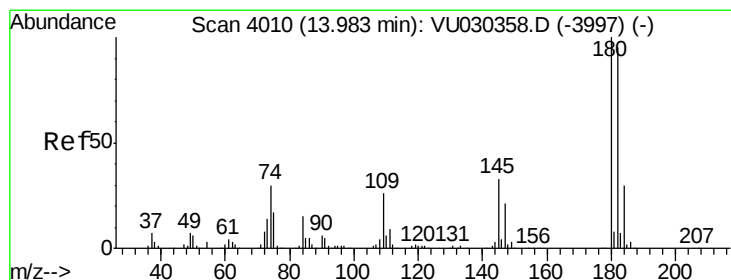
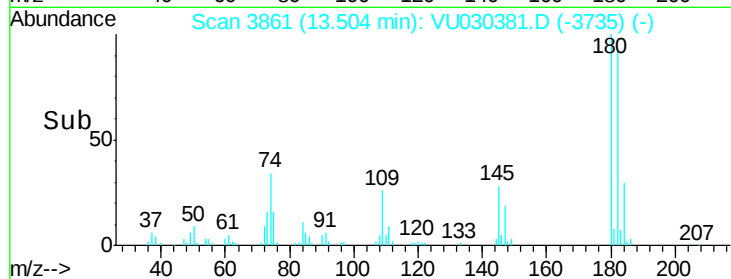
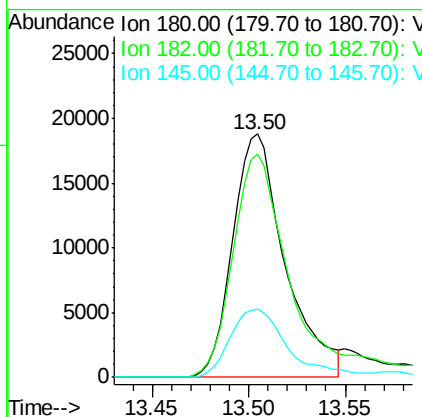
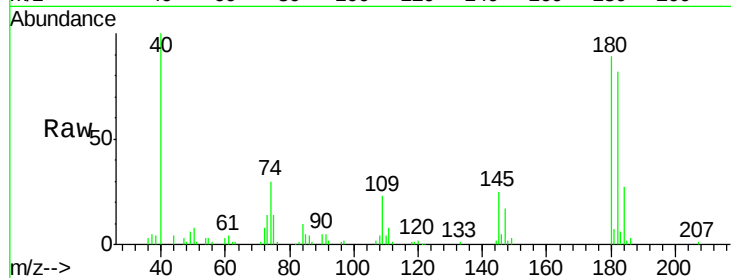




#68
 1,2,4-trichlorobenzene
 Concen: 11.280 ug/L
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.01 min
 Lab File: VU030381.D
 Acq: 24 Mar 2019 19:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A2

Tot Ion:180 Resp: 35456
 Ion Ratio Lower Upper
 180 100
 182 106.2 76.1 114.1
 145 30.6 24.5 36.7



#70
 1,2,3-Trichlorobenzene
 Concen: 3.443 ug/L
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU030381.D
 Acq: 24 Mar 2019 19:23

Tgt Ion:180 Resp: 11427
 Ion Ratio Lower Upper
 180 100
 182 87.5 77.4 116.2
 145 33.0 25.9 38.9

