

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
 Data File : VU030115.D
 Acq On : 15 Mar 2019 16:58
 Operator : JC/SP
 Sample : K1917-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09B3

Quant Time: Mar 16 01:09:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:52:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	526030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	241056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129681	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.68	69	112674	40.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.24%
11) 1,1-Dichloroethene-d2	2.27	63	186602	29.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.42%#
21) 2-Butanone-d5	4.18	46	246754	94.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.65%
24) Chloroform-d	4.65	84	279900	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
26) 1,2-Dichloroethane-d4	5.31	65	167533	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
32) Benzene-d6	5.34	84	582499	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	185840	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.56	98	524930	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.85	79	76439	39.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.66%
47) 2-Hexanone-d5	8.31	63	201096	90.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.72%
57) 1,1,1,2,2-Tetrachloroethane-	10.43	84	285601	46.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	225271	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%

Target Compounds

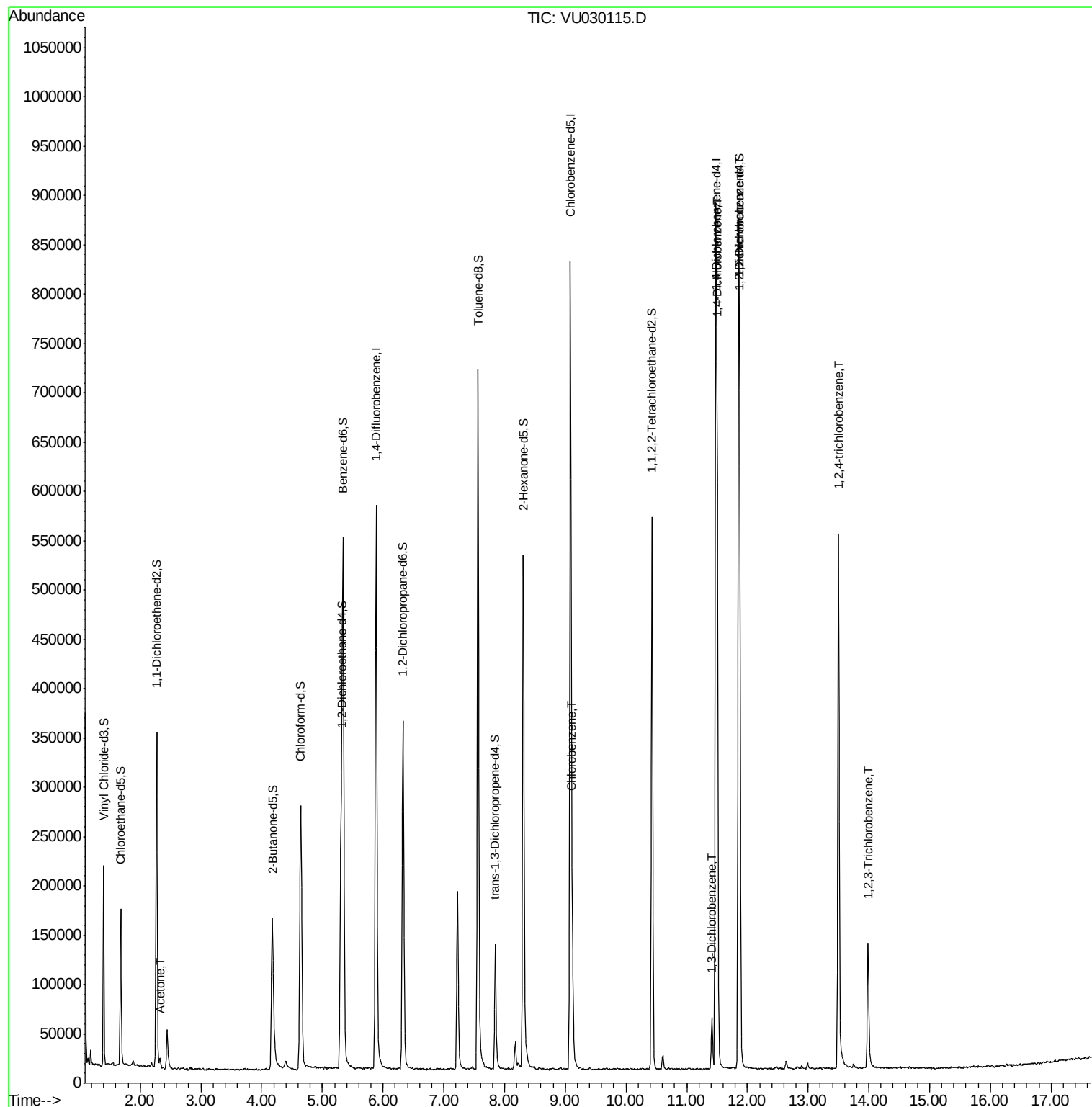
					Ovalue
13) Acetone	2.32	43	7830	2.569	ug/L 99
51) Chlorobenzene	9.12	112	78060	7.401	ug/L 98
62) 1,3-Dichlorobenzene	11.42	146	23701	3.045	ug/L 97
63) 1,4-Dichlorobenzene	11.50	146	256467	32.399	ug/L 100
65) 1,2-Dichlorobenzene	11.88	146	178555	22.787	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	196529	35.558	ug/L 98
70) 1,2,3-Trichlorobenzene	13.99	180	49903	8.691	ug/L 98

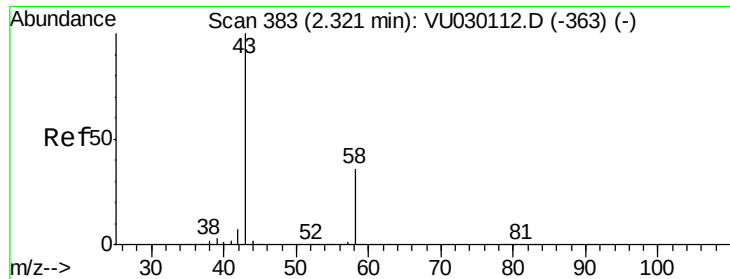
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030115.D
Acq On : 15 Mar 2019 16:58
Operator : JC/SP
Sample : K1917-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B3

Quant Time: Mar 16 01:09:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:52:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.569 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030115.D

Acq: 15 Mar 2019 16:58

Instrument :

MSVOA_U

ClientSampled :

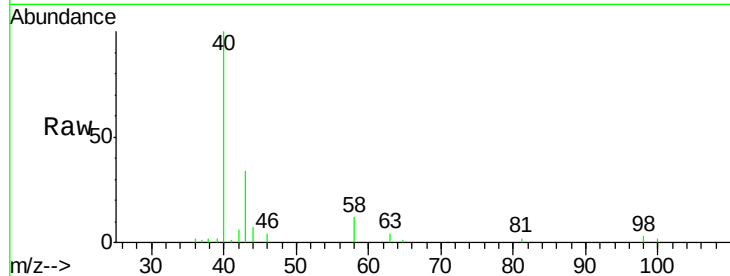
C09B3

Tot Ion: 43 Resp: 7830

Ion Ratio Lower Upper

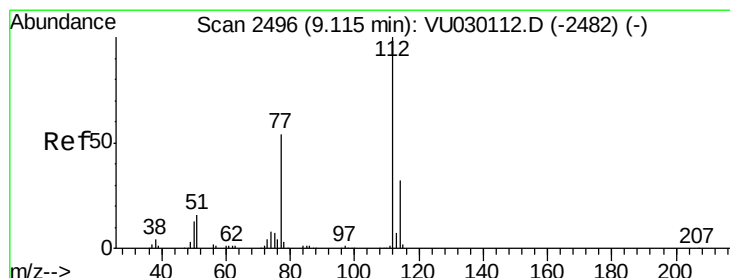
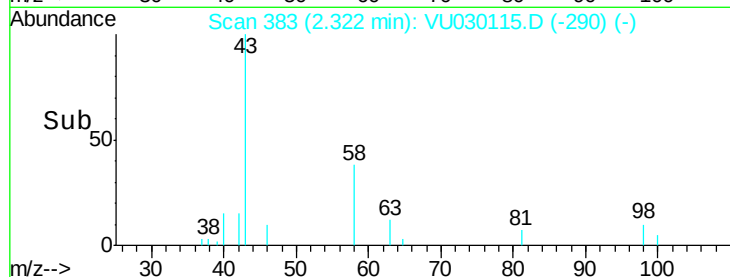
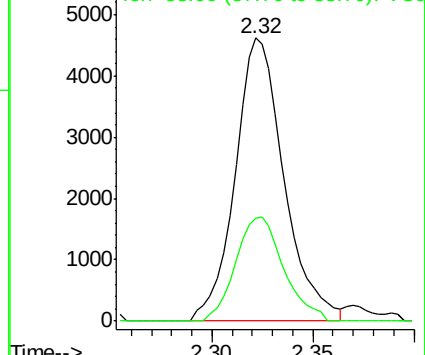
43 100

58 36.1 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030115.D (-290) (-)

Ion 58.00 (57.70 to 58.70): VU030115.D (-290) (-)



#51

Chlorobenzene

Concen: 7.401 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU030115.D

Acq: 15 Mar 2019 16:58

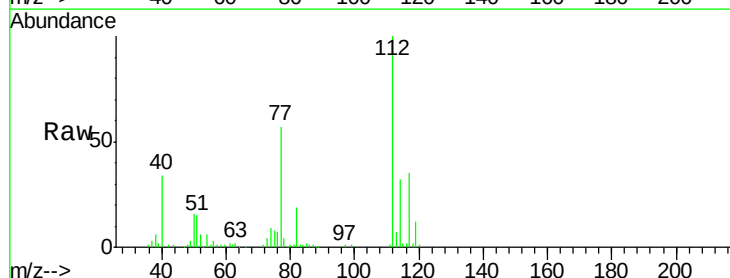
Tgt Ion: 112 Resp: 78060

Ion Ratio Lower Upper

112 100

114 31.5 22.5 41.9

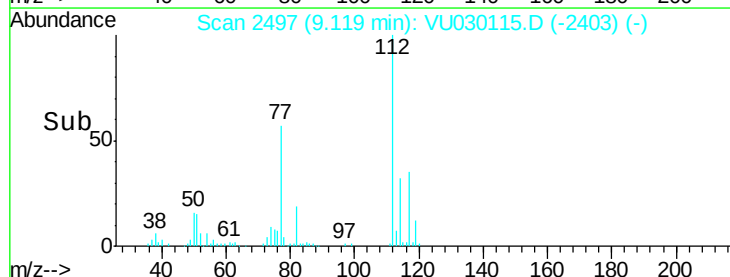
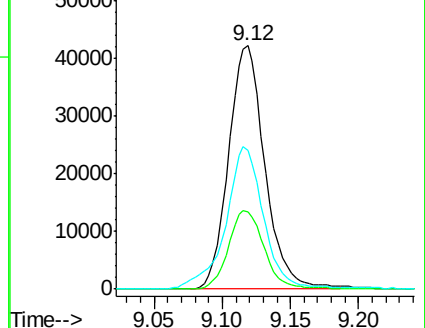
77 57.0 44.6 66.8

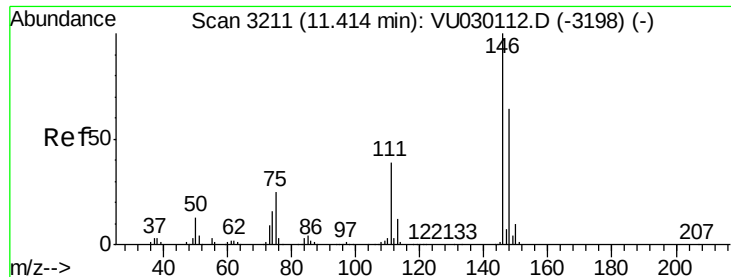


Abundance Ion 112.00 (111.70 to 112.70): VU030115.D (-2403) (-)

Ion 114.00 (113.70 to 114.70): VU030115.D (-2403) (-)

Ion 77.00 (76.70 to 77.70): VU030115.D (-2403) (-)

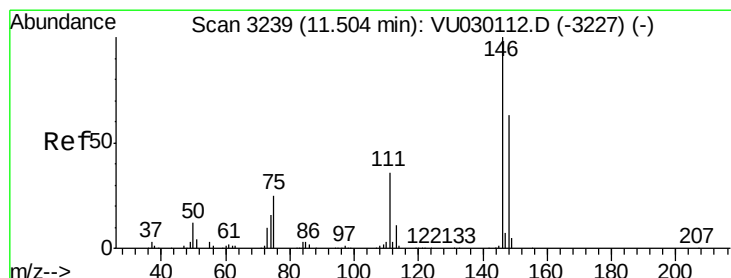
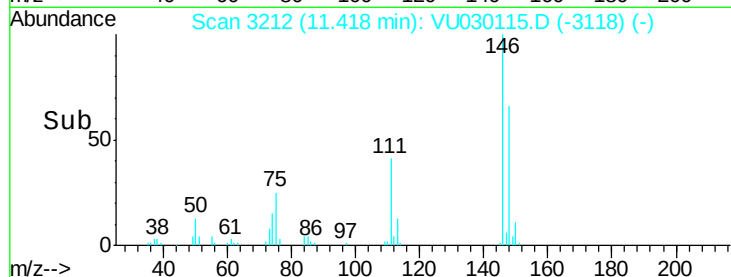
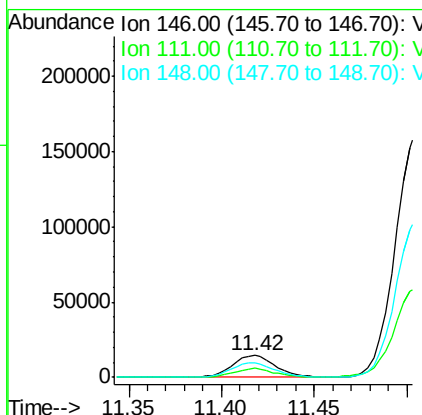
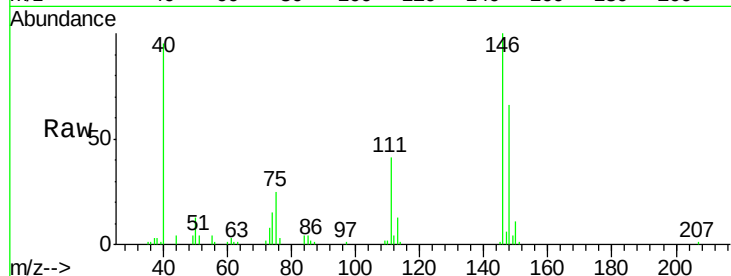




#62
 1,3-Dichlorobenzene
 Concen: 3.045 ug/L
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VU030115.D
 Acq: 15 Mar 2019 16:58

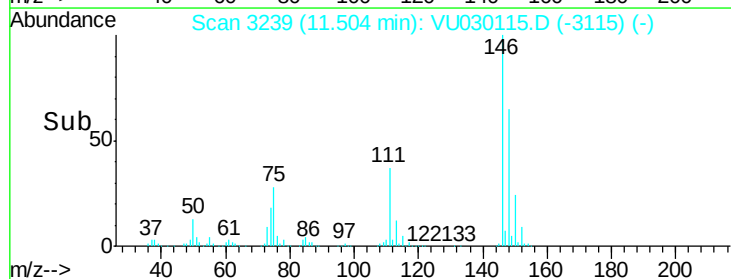
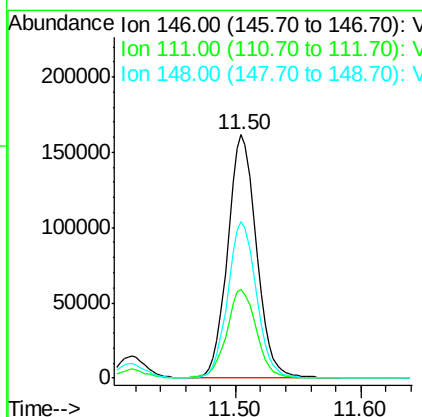
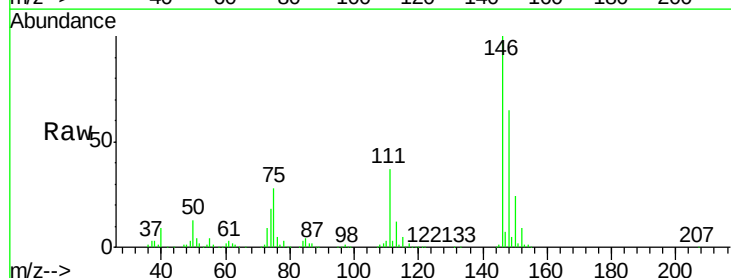
Instrument :
 MSVOA_U
 ClientSampleId :
 C09B3

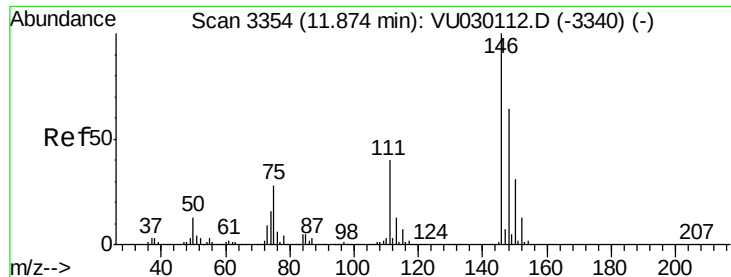
Tot Ion:146 Resp: 23701
 Ion Ratio Lower Upper
 146 100
 111 40.6 26.7 49.5
 148 66.2 44.9 83.5



#63
 1,4-Dichlorobenzene
 Concen: 32.399 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030115.D
 Acq: 15 Mar 2019 16:58

Tgt Ion:146 Resp: 256467
 Ion Ratio Lower Upper
 146 100
 111 36.5 25.5 47.3
 148 64.5 45.0 83.6

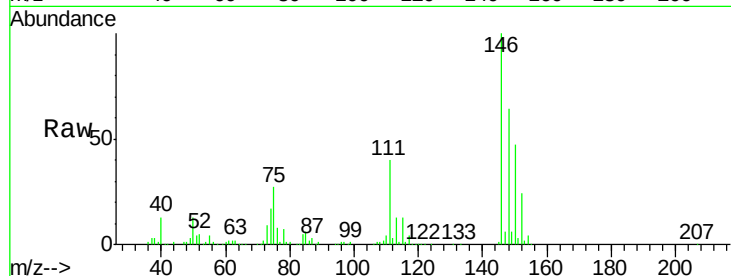




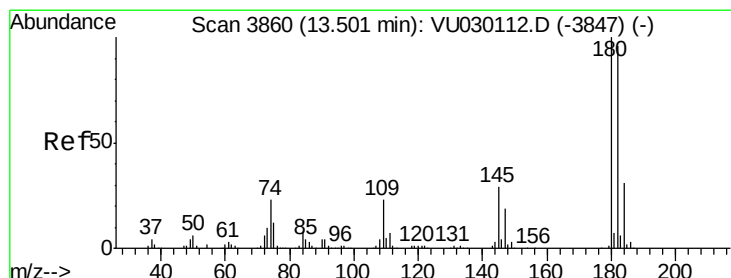
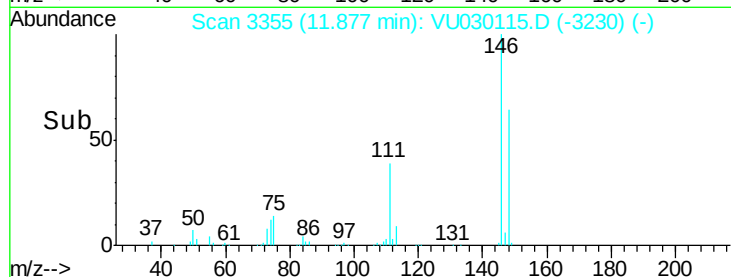
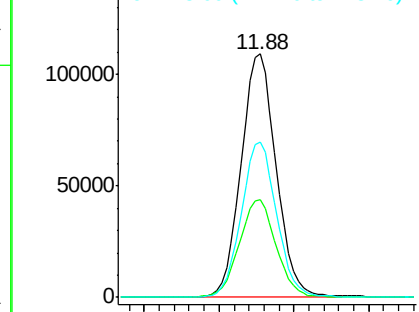
#65
 1,2-Dichlorobenzene
 Concen: 22.787 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030115.D
 Acq: 15 Mar 2019 16:58

Instrument :
 MSVOA_U
 ClientSampled :
 C09B3

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	30.9	46.3
148	64.0	51.2	76.8

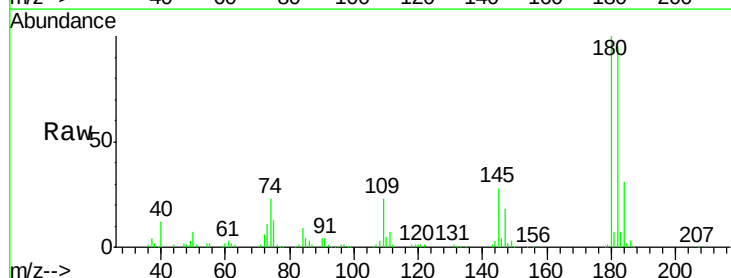


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

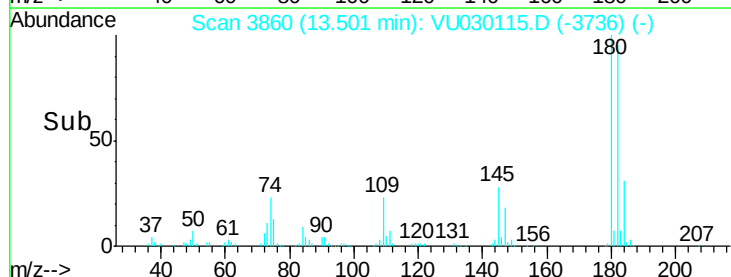
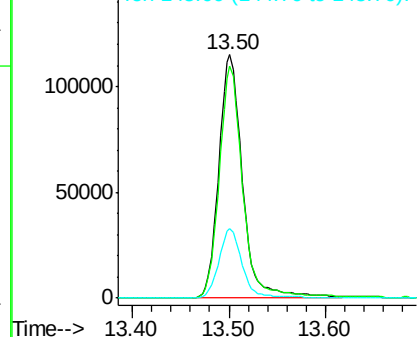


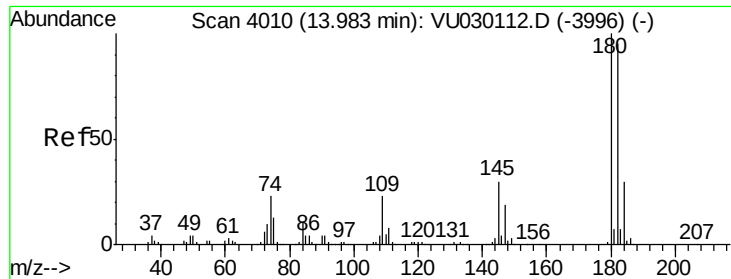
#68
 1,2,4-trichlorobenzene
 Concen: 35.558 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU030115.D
 Acq: 15 Mar 2019 16:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.1	114.1
145	27.6	23.0	34.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

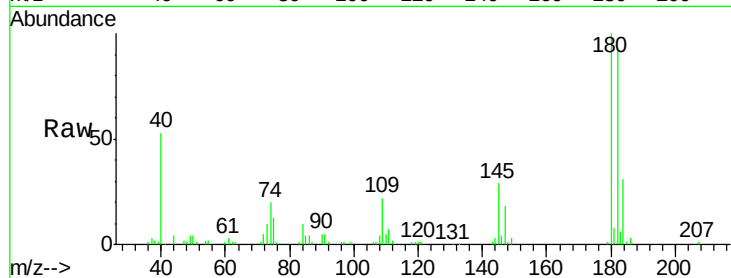




#70
 1,2,3-Trichlorobenzene
 Concen: 8.691 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU030115.D
 Acq: 15 Mar 2019 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 C09B3

Tot Ion	180	Resp	Lower	Upper
180	100			
182	93.5	75.9	113.9	
145	28.3	24.0	36.0	



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

