

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081619\
 Data File : VU033820.D
 Acq On : 15 Aug 2019 19:19
 Operator : JC/SP
 Sample : K4369-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3

Quant Time: Aug 16 03:53:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 02:54:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	391013	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	388744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	179506	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162596	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.44%
7) Chloroethane-d5	1.67	69	149123	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.64%
11) 1,1-Dichloroethene-d2	2.26	63	214097	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.84%
21) 2-Butanone-d5	4.16	46	192526	104.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.35%
24) Chloroform-d	4.62	84	268657	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
26) 1,2-Dichloroethane-d4	5.29	65	174105	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
32) Benzene-d6	5.32	84	540777	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
36) 1,2-Dichloropropane-d6	6.31	67	173379	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.22%
41) Toluene-d8	7.55	98	485697	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%
43) trans-1,3-Dichloropropene-	7.83	79	79373	48.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.42%
47) 2-Hexanone-d5	8.30	63	133336	102.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	231915	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	191560	53.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.08%

Target Compounds

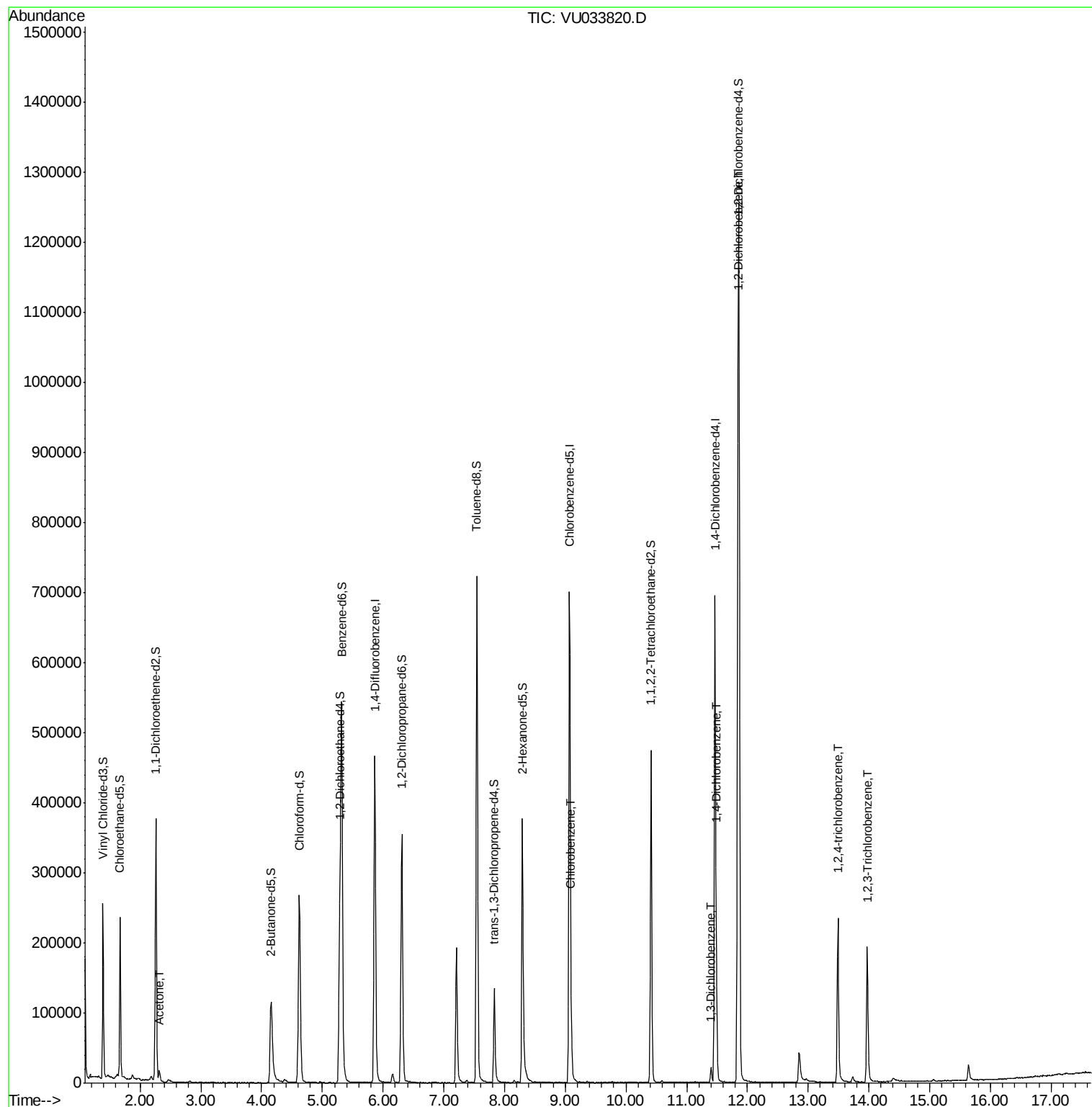
					Ovalue
13) Acetone	2.32	43	16232	8.952	ug/L 97
51) Chlorobenzene	9.10	112	34037	4.151	ug/L 97
62) 1,3-Dichlorobenzene	11.40	146	8771	1.557	ug/L 97
63) 1,4-Dichlorobenzene	11.49	146	49680	8.519	ug/L 99
65) 1,2-Dichlorobenzene	11.86	146	427626	75.731	ug/L 98
68) 1,2,4-trichlorobenzene	13.49	180	79093	22.231	ug/L 100
70) 1,2,3-Trichlorobenzene	13.97	180	66038	17.884	ug/L 98

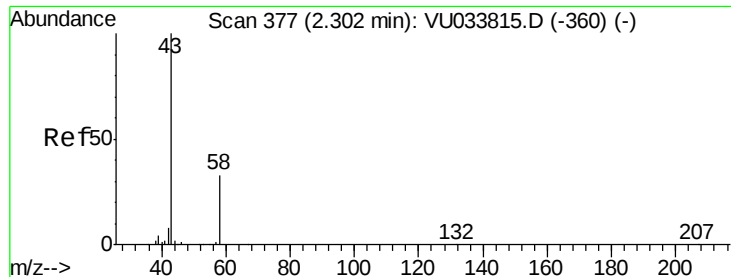
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081619\
Data File : VU033820.D
Acq On : 15 Aug 2019 19:19
Operator : JC/SP
Sample : K4369-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD3

Quant Time: Aug 16 03:53:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 02:54:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.952 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU033820.D

Acq: 15 Aug 2019 19:19

Instrument :

MSVOA_U

ClientSampleId :

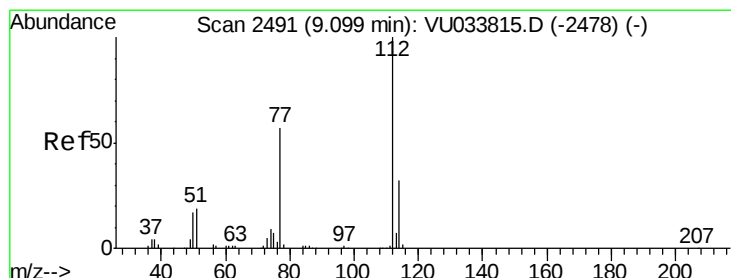
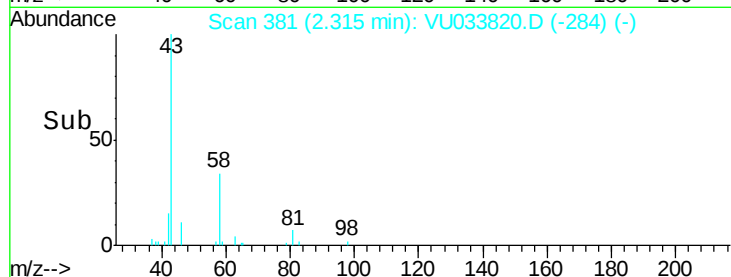
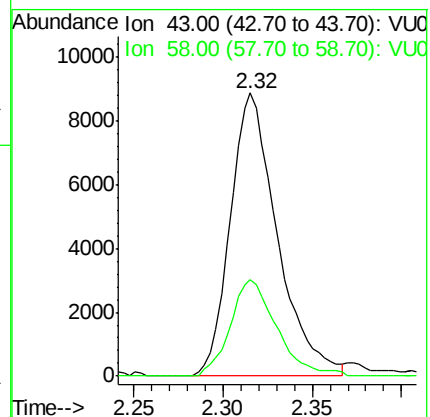
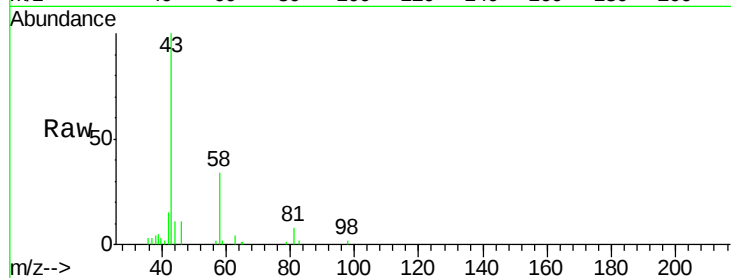
C0CD3

Tot Ion: 43 Resp: 16232

Ion Ratio Lower Upper

43 100

58 33.0 0.0 69.0



#51

Chlorobenzene

Concen: 4.151 ug/L

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU033820.D

Acq: 15 Aug 2019 19:19

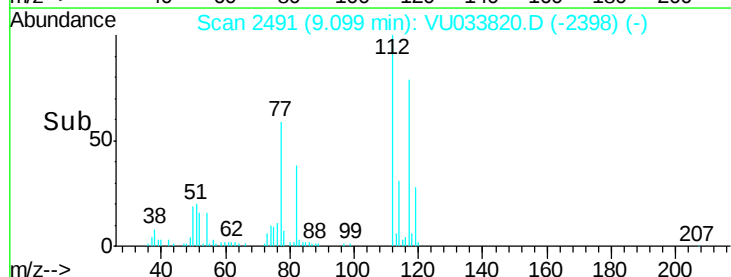
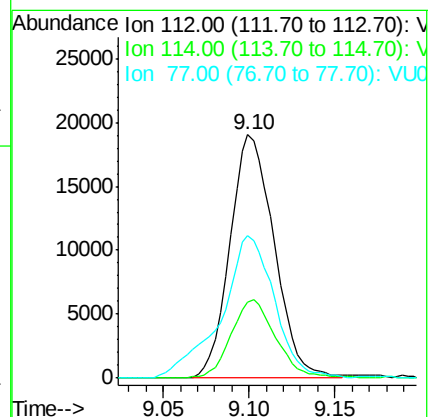
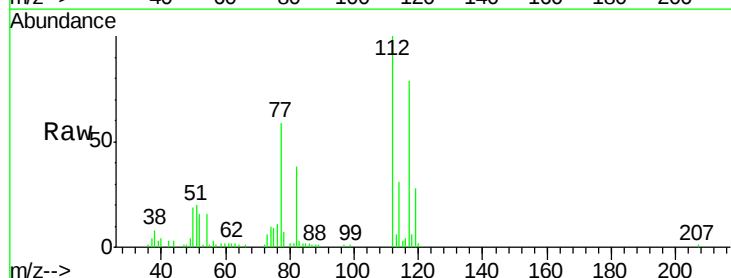
Tgt Ion: 112 Resp: 34037

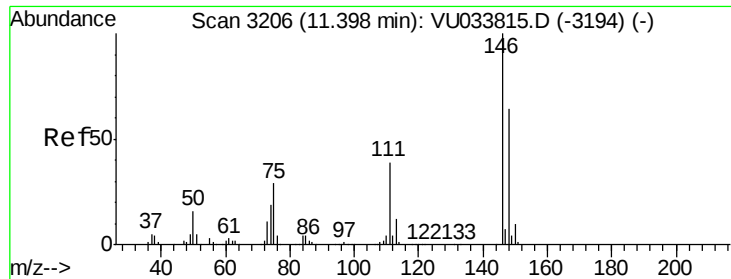
Ion Ratio Lower Upper

112 100

114 31.1 22.5 41.9

77 58.8 45.4 68.0





#62

1,3-Dichlorobenzene

Concen: 1.557 ug/L

RT: 11.40 min Scan# 3208

Delta R.T. 0.01 min

Lab File: VU033820.D

Acq: 15 Aug 2019 19:19

Instrument :

MSVOA_U

ClientSampleId :

C0CD3

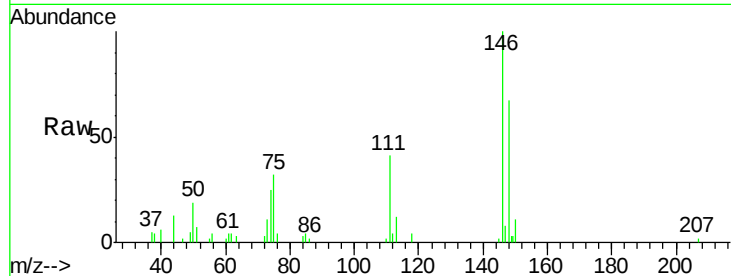
Tot Ion:146 Resp: 8771

Ion Ratio Lower Upper

146 100

111 40.9 28.1 52.1

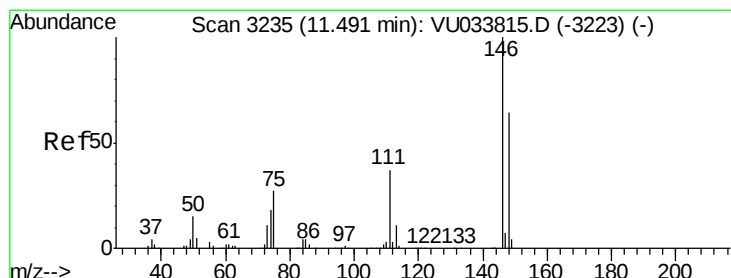
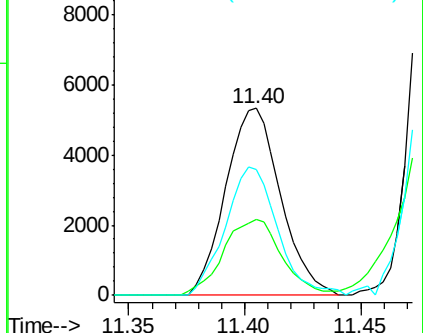
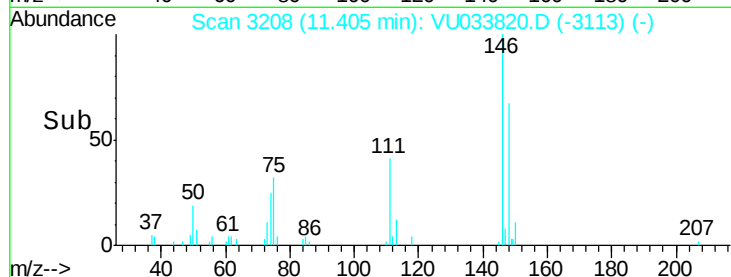
148 67.3 45.2 84.0



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: 8.519 ug/L

RT: 11.49 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU033820.D

Acq: 15 Aug 2019 19:19

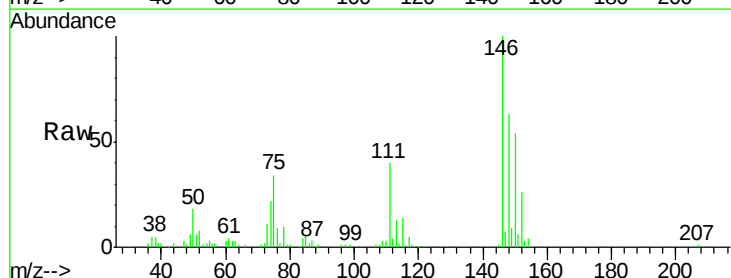
Tgt Ion:146 Resp: 49680

Ion Ratio Lower Upper

146 100

111 40.1 27.0 50.2

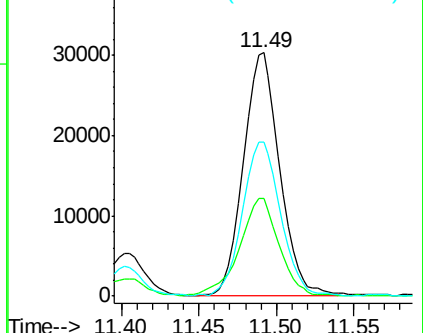
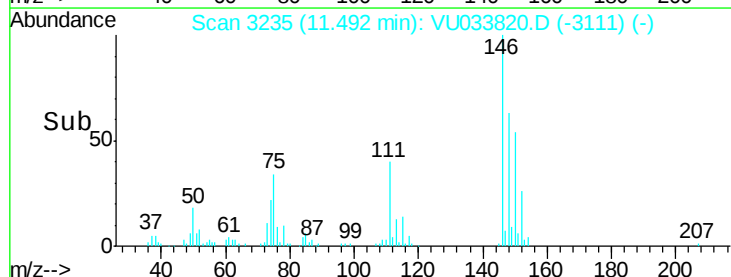
148 63.4 44.5 82.7

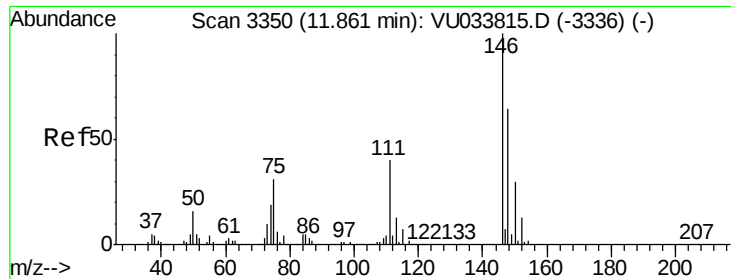


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

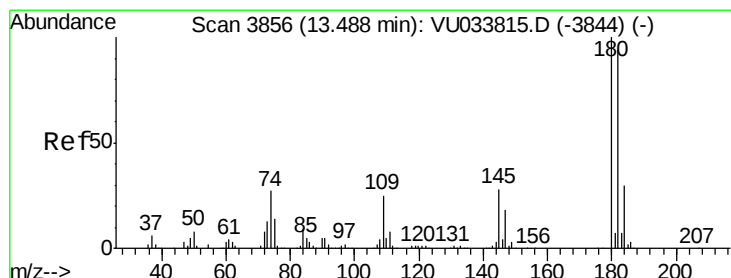
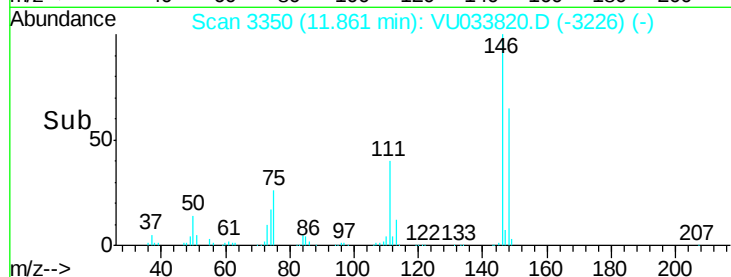
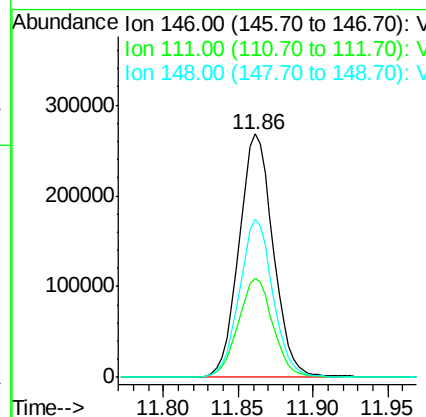
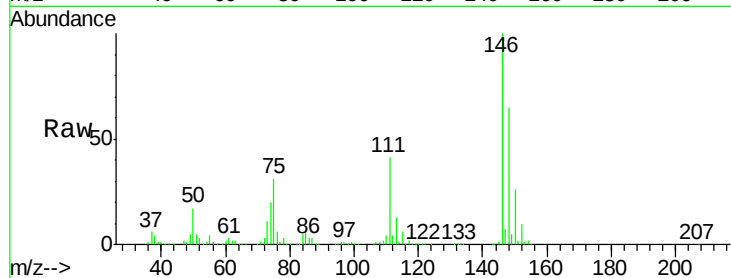




#65
 1,2-Dichlorobenzene
 Concen: 75.731 ug/L
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU033820.D
 Acq: 15 Aug 2019 19:19

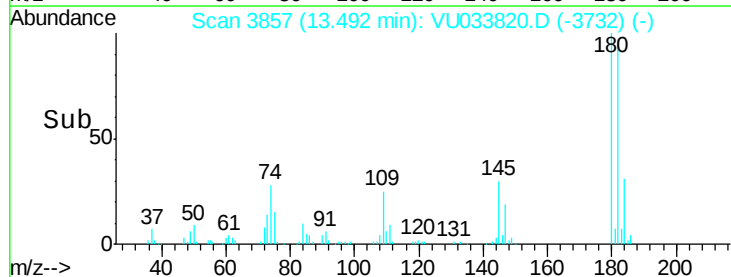
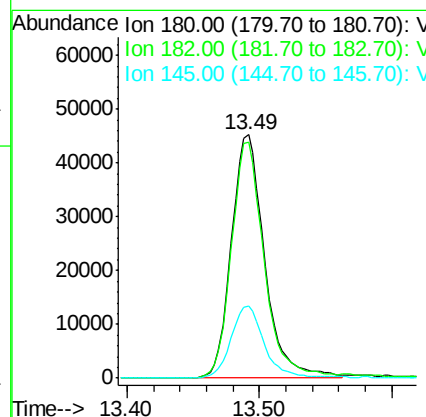
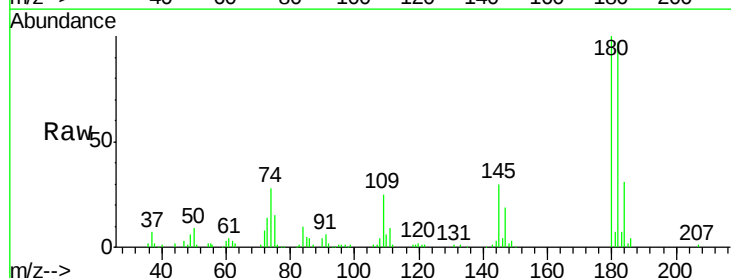
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3

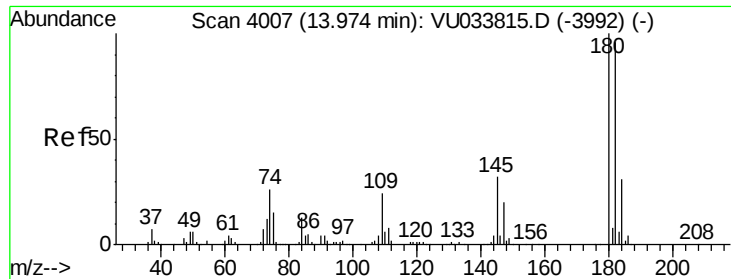
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	33.8	50.6
148	64.8	51.0	76.4



#68
 1,2,4-trichlorobenzene
 Concen: 22.231 ug/L
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.00 min
 Lab File: VU033820.D
 Acq: 15 Aug 2019 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
145	29.5	23.8	35.8





#70
 1,2,3-Trichlorobenzene
 Concen: 17.884 ug/L
 RT: 13.97 min Scan# 4007
 Delta R.T. 0.00 min
 Lab File: VU033820.D
 Acq: 15 Aug 2019 19:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	97.6	75.9	113.9	
145	31.4	24.5	36.7	

