

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
 Data File : VU029056.D
 Acq On : 07 Jan 2019 13:46
 Operator : MD/SY
 Sample : VIBLK41
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 9:17:24 AM

Quant Time: Jan 08 03:01:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 01:37:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	182183	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172465	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76332	52.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.52%
7) Chloroethane-d5	1.67	69	59123	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.82%
11) 1,1-Dichloroethene-d2	2.27	63	95202	38.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.52%
21) 2-Butanone-d5	4.18	46	106198	103.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	4.64	84	116318	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
26) 1,2-Dichloroethane-d4	5.31	65	74969	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
32) Benzene-d6	5.34	84	257915	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.86%
36) 1,2-Dichloropropane-d6	6.33	67	87051	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.18%
41) Toluene-d8	7.56	98	227224	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%
43) trans-1,3-Dichloropropene-	7.85	79	38347	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.40%
47) 2-Hexanone-d5	8.31	63	77847	99.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118032	51.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	78173	54.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.12	112	41338	11.785	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	3184	1.418	ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	29901	12.925	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	28300	12.082	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	9039	6.520	ug/L	96
70) 1,2,3-Trichlorobenzene	14.00	180	3019m	2.020	ug/L	

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

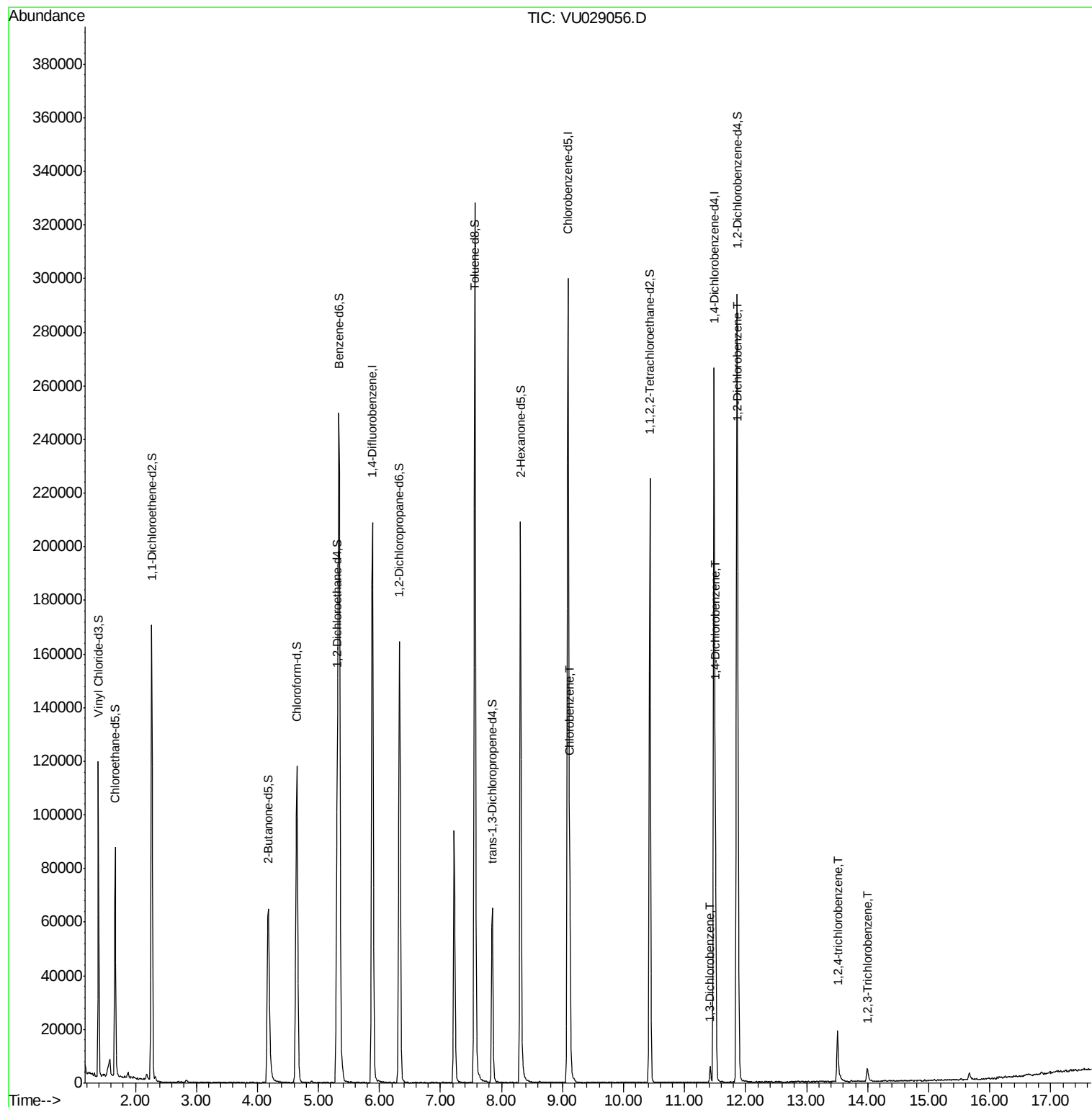
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010719\
Data File : VU029056.D
Acq On : 07 Jan 2019 13:46
Operator : MD/SY
Sample : VIBLK41
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

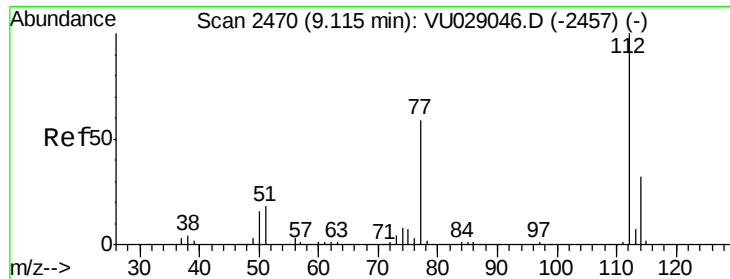
Instrument :
MSVOA_U
ClientSampled :
VIBLK41

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Quant Time: Jan 08 03:01:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 01:37:07 2019
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 11.785 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU029056.D

Acq: 07 Jan 2019 13:46

Instrument :

MSVOA_U

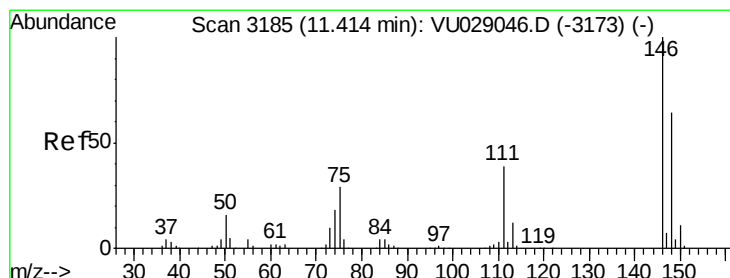
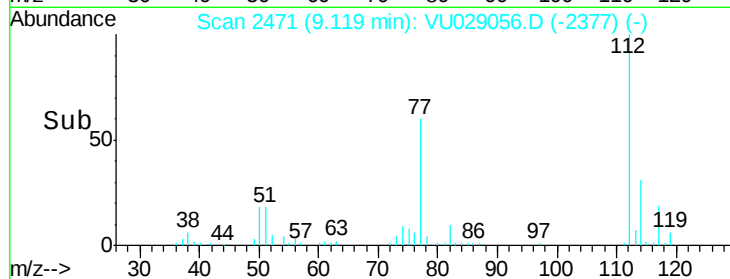
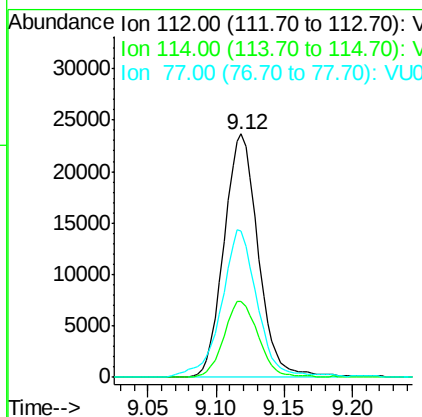
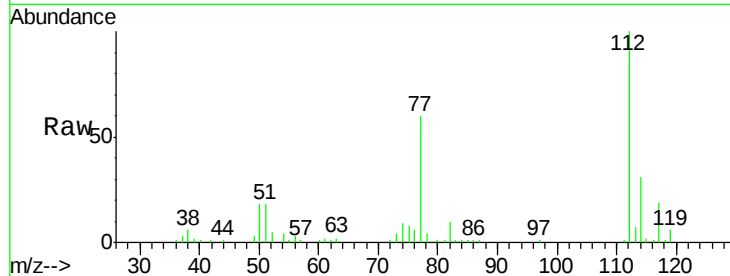
ClientSampled :

VIBLK41

Tot Ion:	112	Resp:	41338
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.2	41.2
77	60.3	47.8	71.8

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#62

1,3-Dichlorobenzene

Concen: 1.418 ug/L

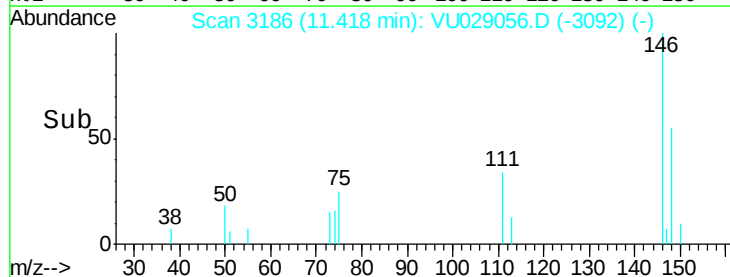
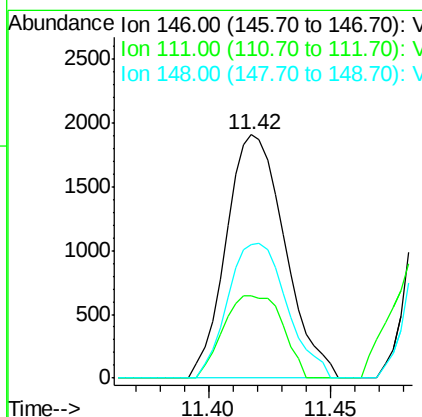
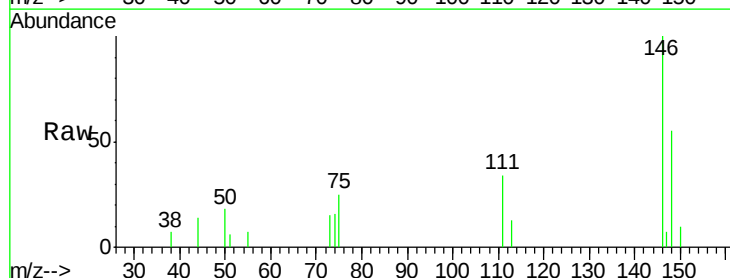
RT: 11.42 min Scan# 3186

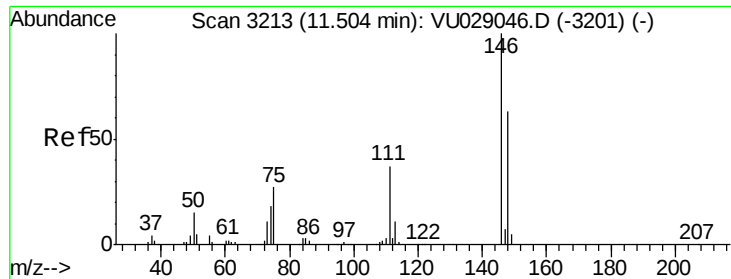
Delta R.T. 0.00 min

Lab File: VU029056.D

Acq: 07 Jan 2019 13:46

Tgt Ion:	146	Resp:	3184
Ion Ratio	Lower	Upper	
146	100		
111	34.0	27.4	50.8
148	55.1	44.2	82.2





#63

1,4-Dichlorobenzene

Concen: 12.925 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU029056.D

Acq: 07 Jan 2019 13:46

Instrument :

MSVOA_U

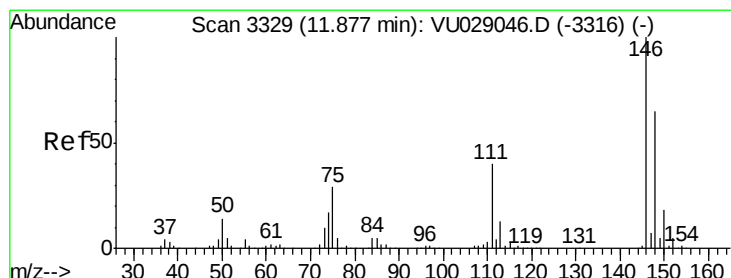
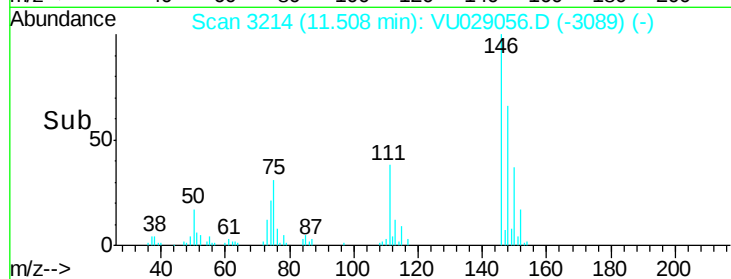
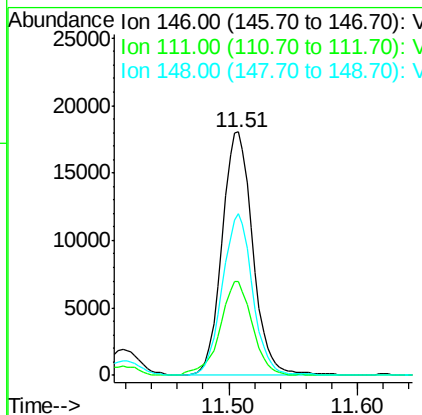
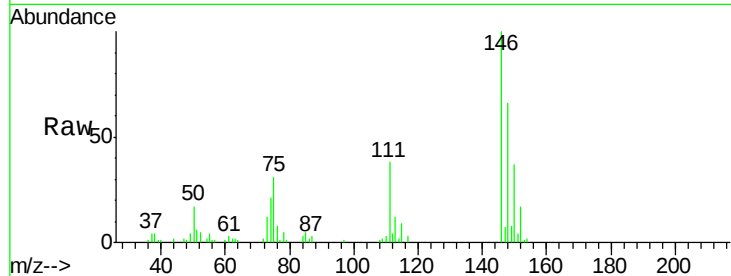
ClientSampleId :

VIBLK41

Tot Ion:	146	Resp:	29901
Ion Ratio	Lower	Upper	
146	100		
111	38.5	26.5	49.1
148	66.3	45.1	83.9

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#65

1,2-Dichlorobenzene

Concen: 12.082 ug/L

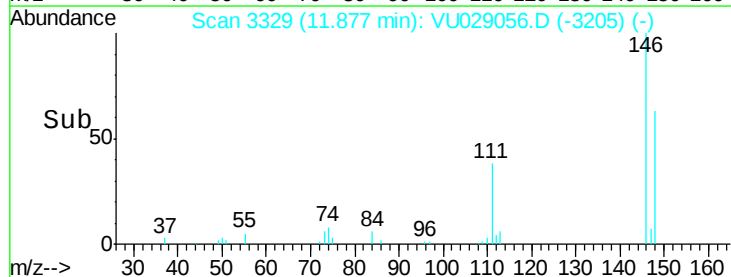
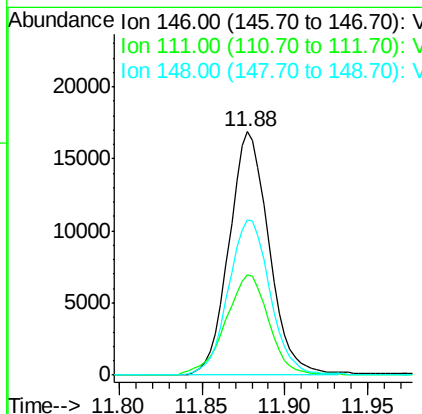
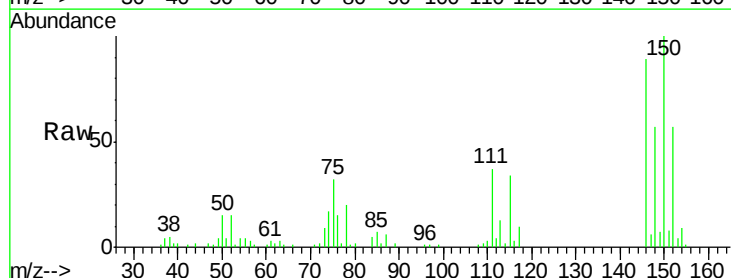
RT: 11.88 min Scan# 3329

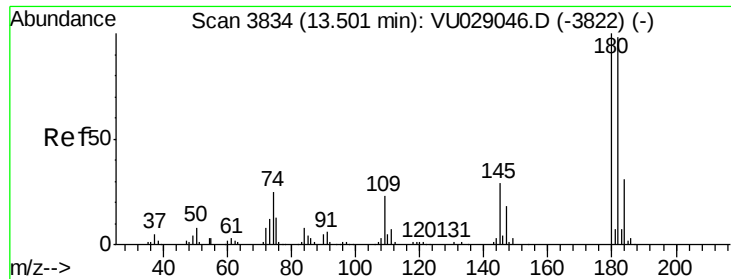
Delta R.T. 0.00 min

Lab File: VU029056.D

Acq: 07 Jan 2019 13:46

Tgt Ion:	146	Resp:	28300
Ion Ratio	Lower	Upper	
146	100		
111	41.2	32.1	48.1
148	63.7	49.7	74.5





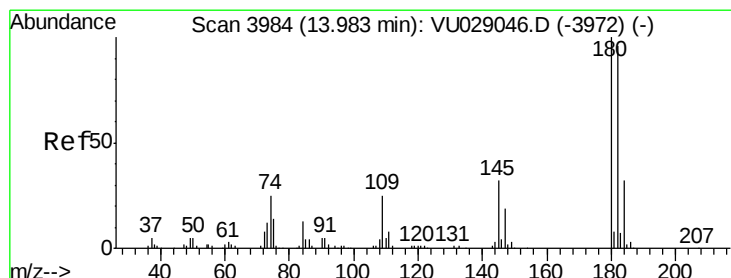
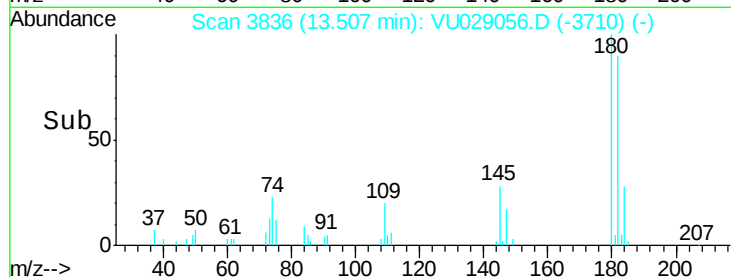
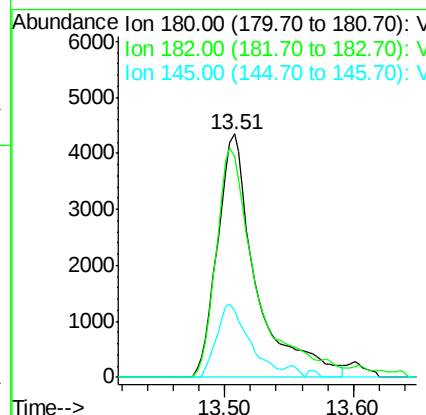
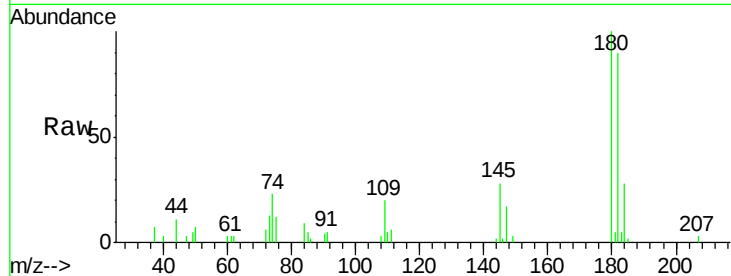
#68
 1,2,4-trichlorobenzene
 Concen: 6.520 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU029056.D
 Acq: 07 Jan 2019 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.4	116.0
145	25.3	23.5	35.3

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#70
 1,2,3-Trichlorobenzene
 Concen: 2.020 ug/L m
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU029056.D
 Acq: 07 Jan 2019 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.7	75.8	113.8
145	24.5	24.5	36.7#

