

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081619\
 Data File : VU033819.D
 Acq On : 15 Aug 2019 18:56
 Operator : JC/SP
 Sample : K4369-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3DL

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:32:44 AM

Quant Time: Aug 16 03:50:24 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	384158	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	381866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	170761	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163905	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.67	69	153359	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.88%
11) 1,1-Dichloroethene-d2	2.26	63	207933	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.00%
21) 2-Butanone-d5	4.15	46	194837	107.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.49%
24) Chloroform-d	4.62	84	270990	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
26) 1,2-Dichloroethane-d4	5.29	65	176305	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
32) Benzene-d6	5.32	84	546805	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.31	67	176106	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.55	98	484947	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%
43) trans-1,3-Dichloropropene-	7.83	79	80406	49.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.44%
47) 2-Hexanone-d5	8.30	63	134458	105.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.27%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	237384	49.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.04%
64) 1,2-Dichlorobenzene-d4	11.84	152	189242	55.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.22%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	3924m	2.203	ug/L	
51) Chlorobenzene	9.10	112	7177	0.891	ug/L	94
63) 1,4-Dichlorobenzene	11.49	146	10618	1.914	ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	75427	14.042	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	12483	3.688	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	10480	2.983	ug/L	93

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

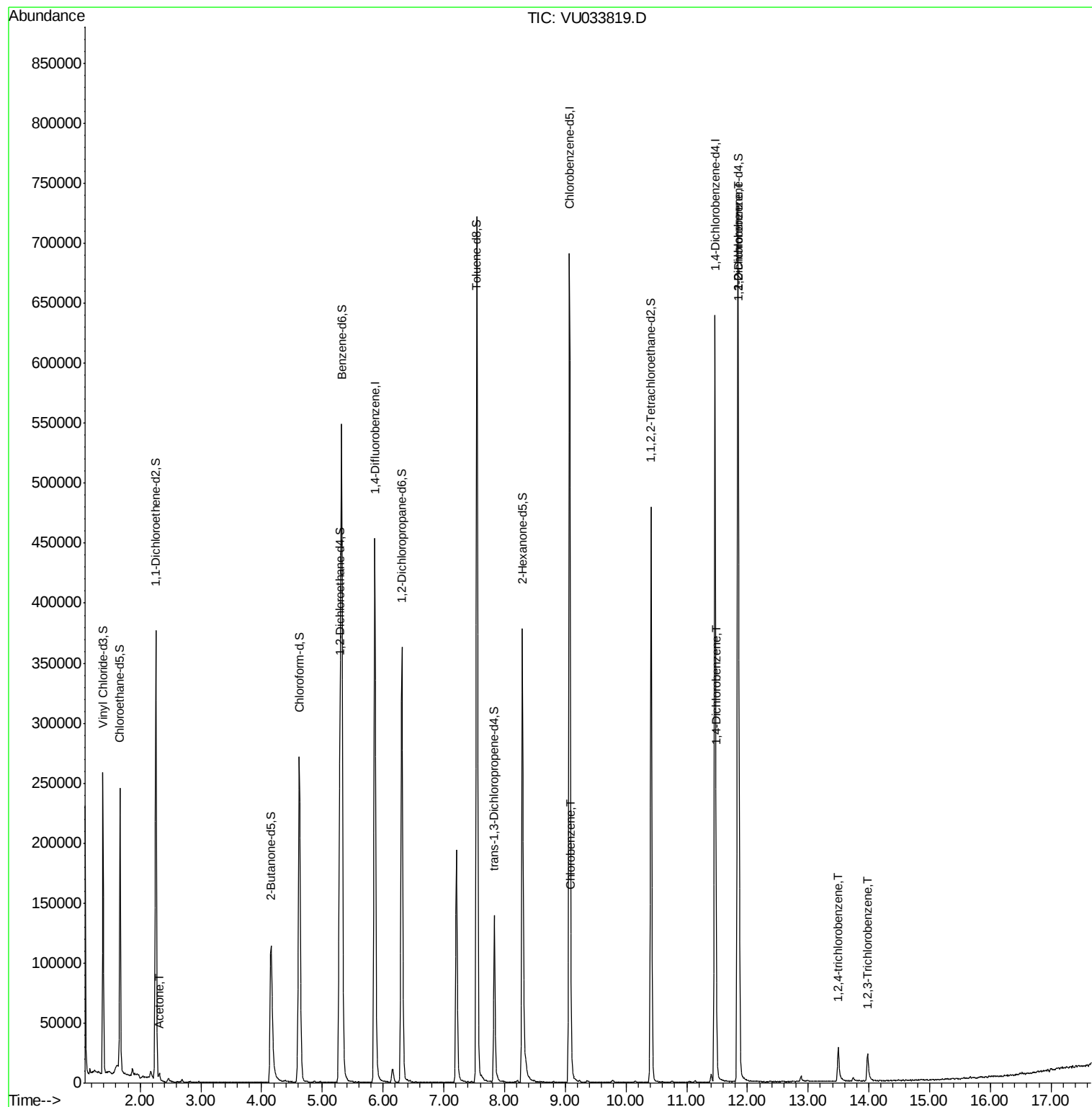
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081619\
Data File : VU033819.D
Acq On : 15 Aug 2019 18:56
Operator : JC/SP
Sample : K4369-01DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

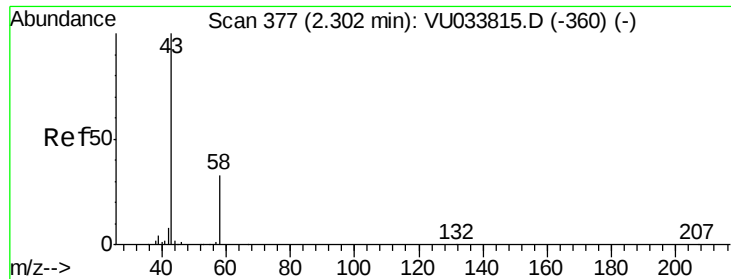
Instrument :
MSVOA_U
ClientSampleId :
C0CD3DL

Manual Integrations
APPROVED

MMDadoda
8/16/2019 8:32:44 AM

Quant Time: Aug 16 03:50:24 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





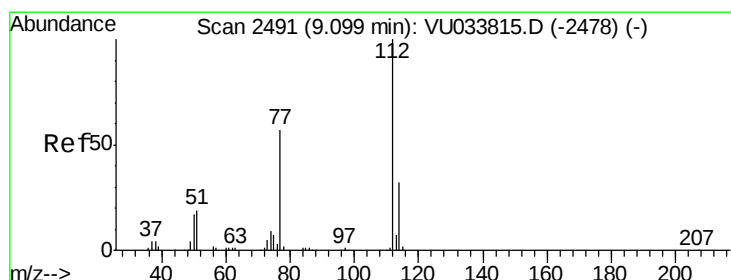
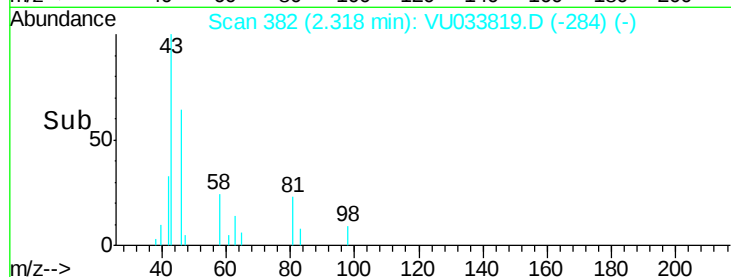
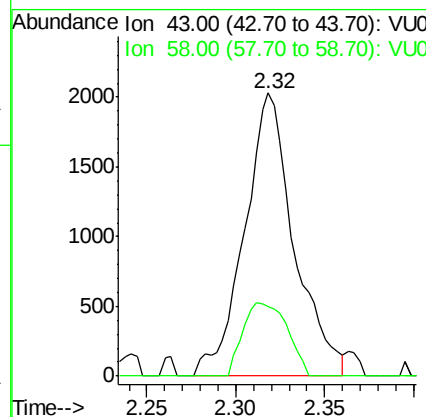
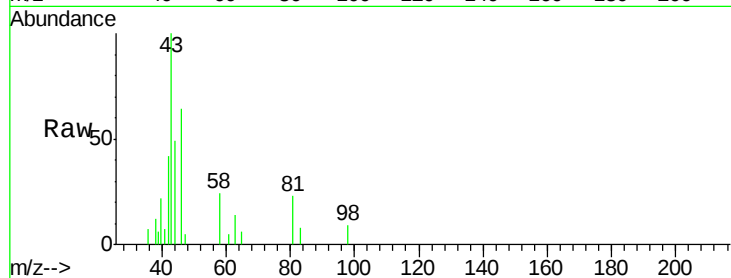
#13
Acetone
Concen: 2.203 ug/L m
RT: 2.32 min Scan# 382
Delta R.T. 0.02 min
Lab File: VU033819.D
Acq: 15 Aug 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
C0CD3DL

Tot Ion: 43 Resp: 3924
Ion Ratio Lower Upper
43 100
58 23.0 0.0 69.0

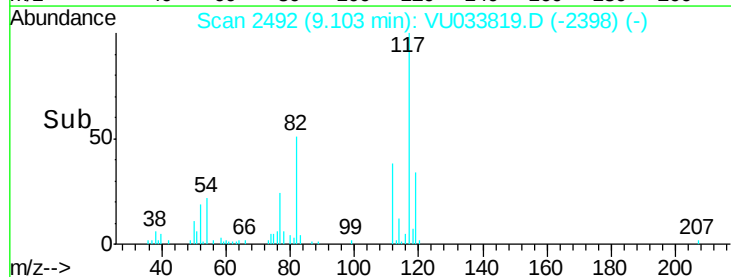
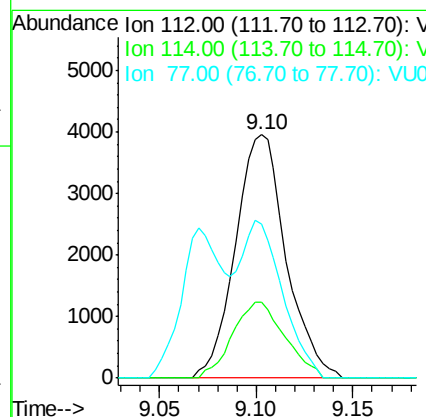
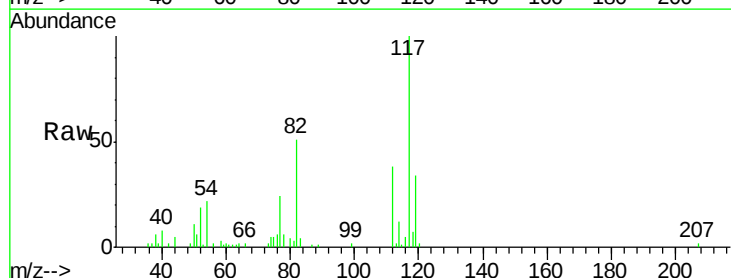
Manual Integrations
APPROVED

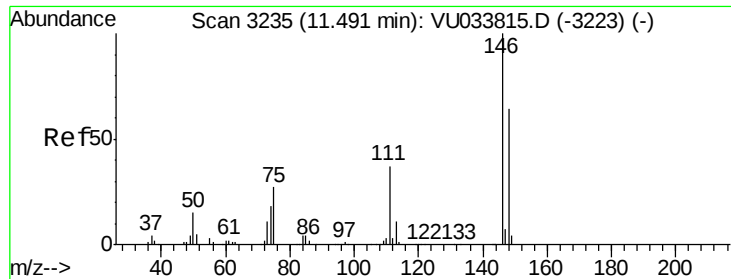
MMDadoda
8/16/2019 8:32:44 AM



#51
Chlorobenzene
Concen: 0.891 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033819.D
Acq: 15 Aug 2019 18:56

Tgt Ion: 112 Resp: 7177
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.9
77 63.4 45.4 68.0





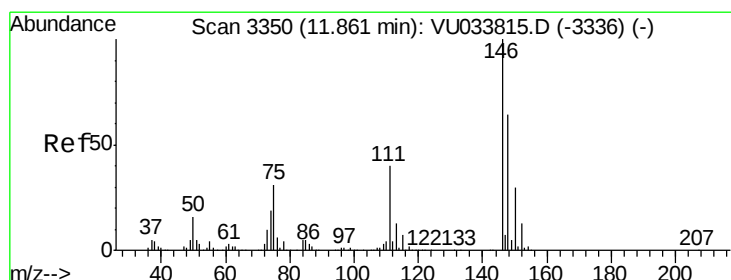
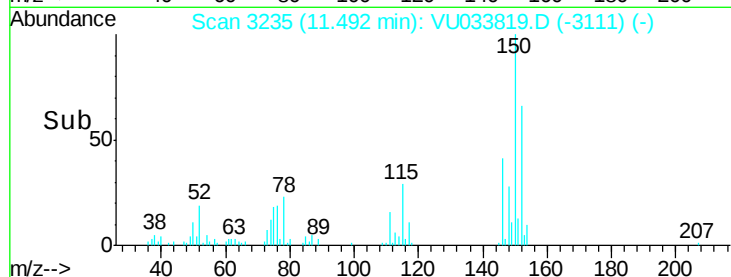
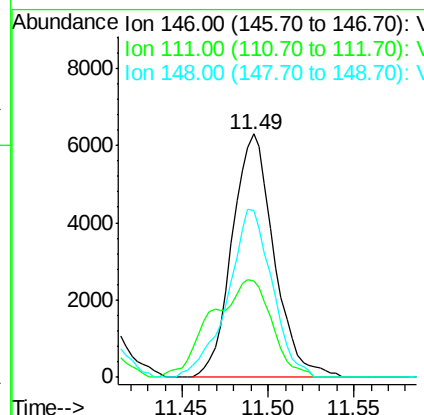
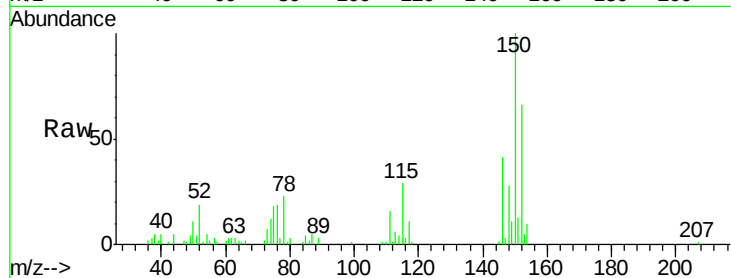
#63
 1,4-Dichlorobenzene
 Concen: 1.914 ug/L
 RT: 11.49 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	27.0	50.2
148	68.7	44.5	82.7

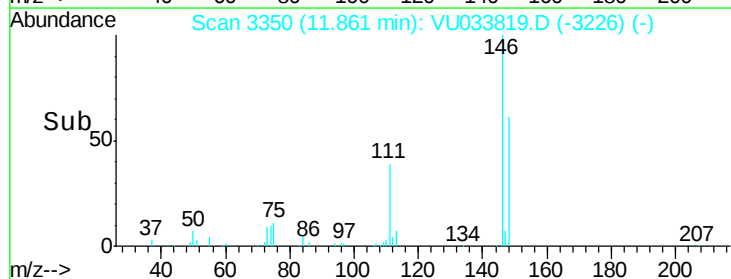
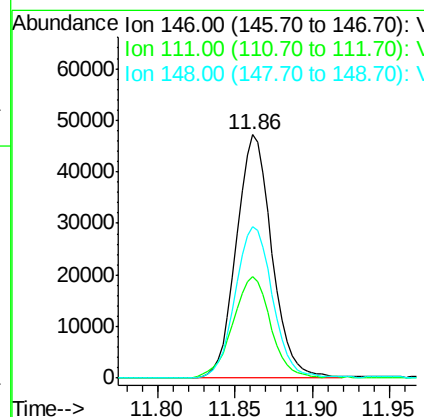
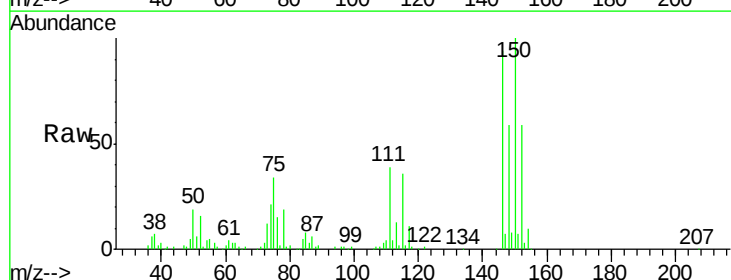
Manual Integrations
 APPROVED

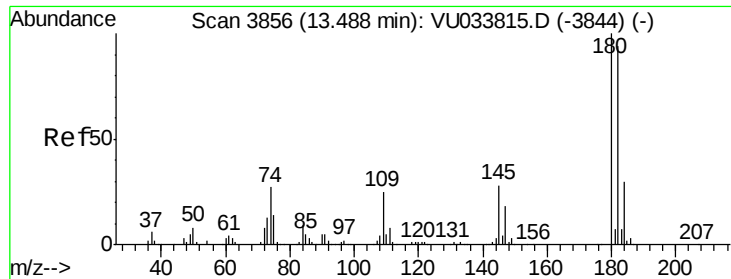
MMDadoda
 8/16/2019 8:32:44 AM



#65
 1,2-Dichlorobenzene
 Concen: 14.042 ug/L
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.8	50.6
148	62.2	51.0	76.4





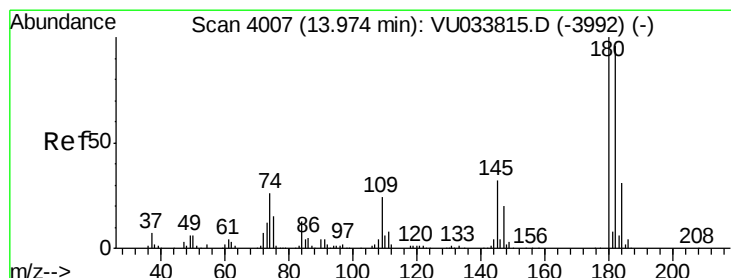
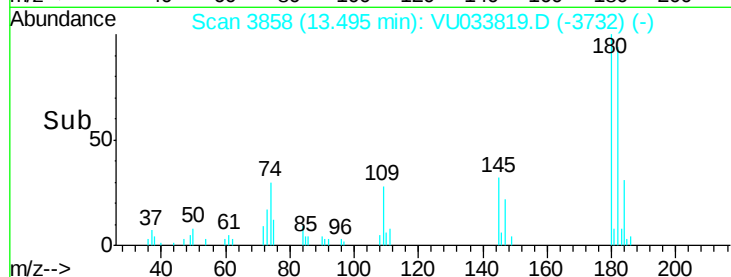
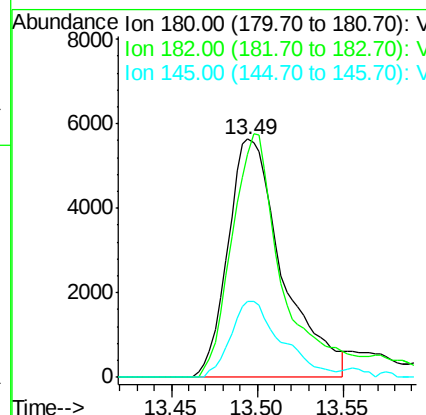
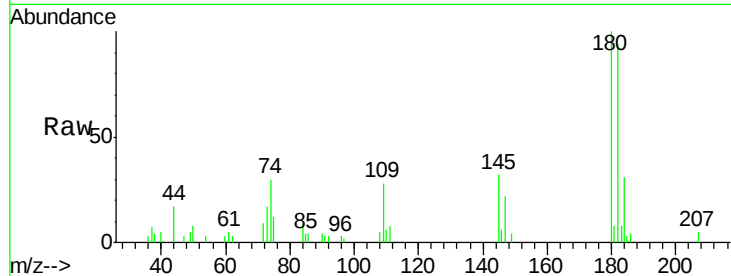
#68
 1,2,4-trichlorobenzene
 Concen: 3.688 ug/L
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.01 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.2
145	29.8	23.8	35.8

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:32:44 AM



#70
 1,2,3-Trichlorobenzene
 Concen: 2.983 ug/L
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.9	75.9	113.9
145	31.6	24.5	36.7

