

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
 Data File : VU032334.D
 Acq On : 28 May 2019 17:23
 Operator : JC/SP
 Sample : K3018-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ5

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:58:49 AM

Quant Time: May 29 06:27:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	725524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	725330	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	296923	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	235814	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.20%
7) Chloroethane-d5	1.67	69	208304	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.46%
11) 1,1-Dichloroethene-d2	2.27	63	342416	36.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.08%
21) 2-Butanone-d5	4.17	46	379320	107.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.78%
24) Chloroform-d	4.64	84	471870	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
26) 1,2-Dichloroethane-d4	5.30	65	293495	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.98%
32) Benzene-d6	5.34	84	985170	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.32	67	307056	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.00%
41) Toluene-d8	7.56	98	865709	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%
43) trans-1,3-Dichloropropene-	7.85	79	124776	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.28%
47) 2-Hexanone-d5	8.31	63	233843	94.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	453287	50.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	329702	54.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.90%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	86603	11.350 ug/L	100
13) Acetone	2.32	43	6282	1.894 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	9411m	1.735 ug/L	
34) Trichloroethene	6.18	95	347995	66.358 ug/L	97
46) Tetrachloroethene	8.22	164	115487	27.107 ug/L	98

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

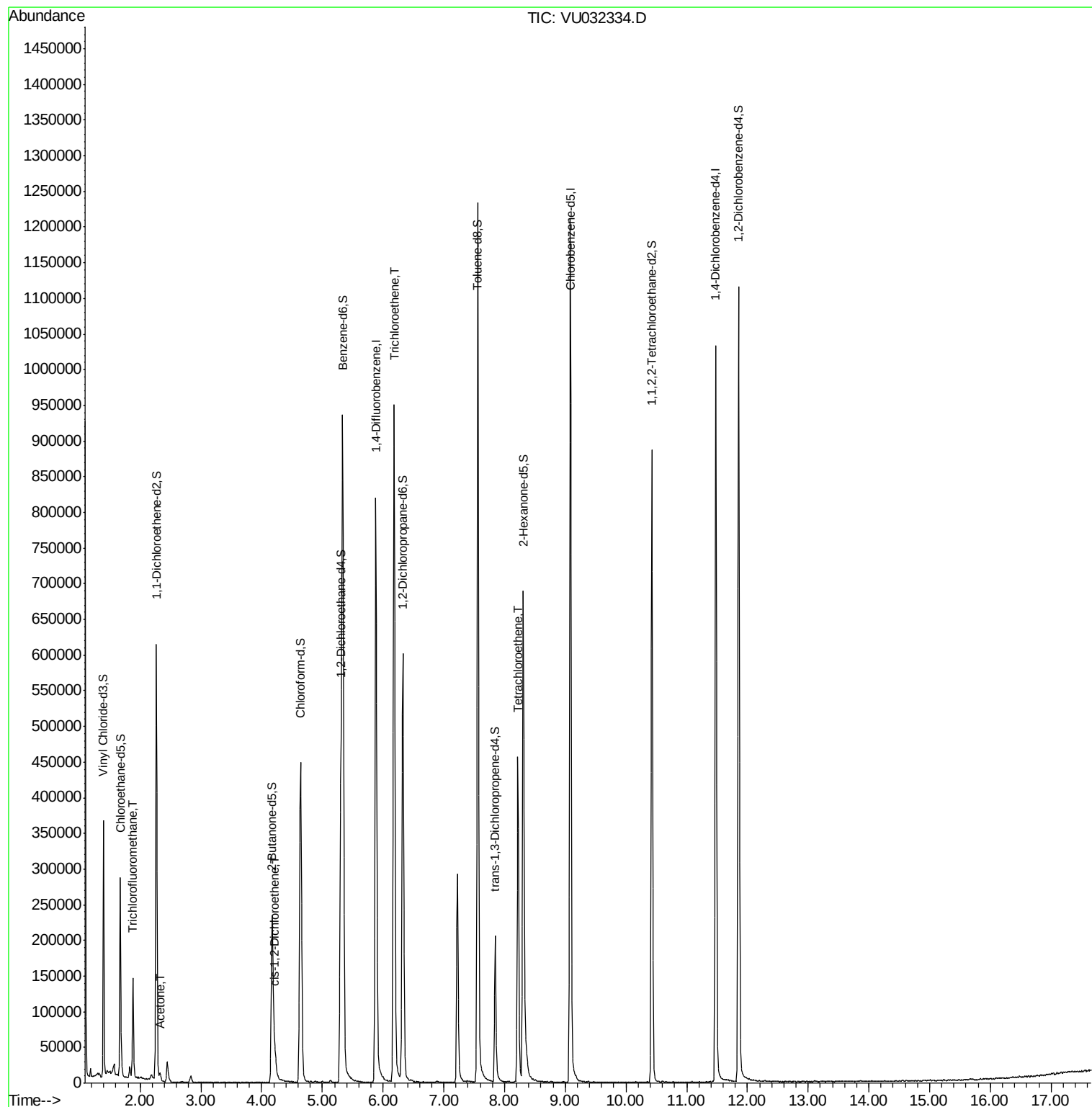
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052819\
Data File : VU032334.D
Acq On : 28 May 2019 17:23
Operator : JC/SP
Sample : K3018-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

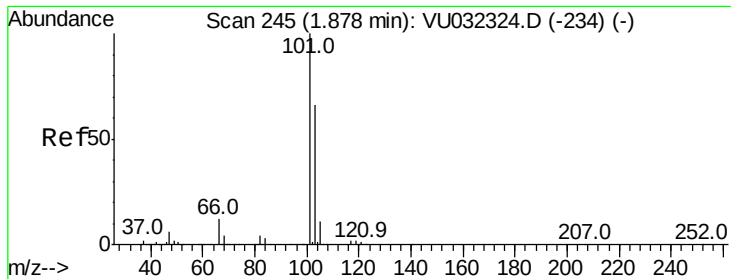
Instrument :
MSVOA_U
ClientSampleId :
C0XJ5

Manual Integrations
APPROVED

MMDadoda
5/29/2019 9:58:49 AM

Quant Time: May 29 06:27:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 05:27:35 2019
Response via : Initial Calibration





#9

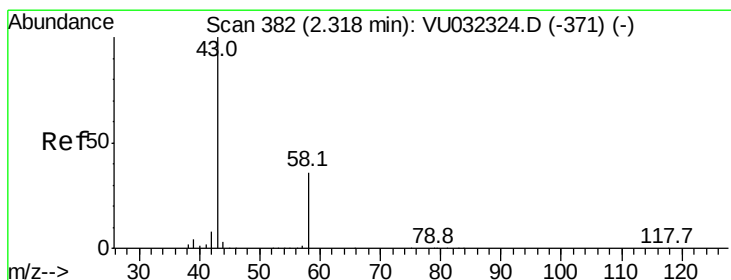
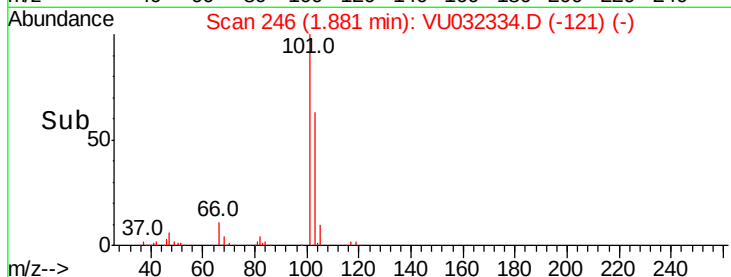
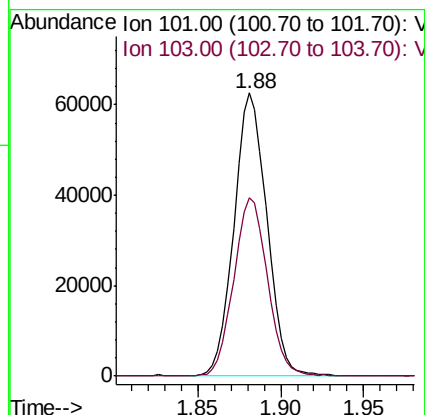
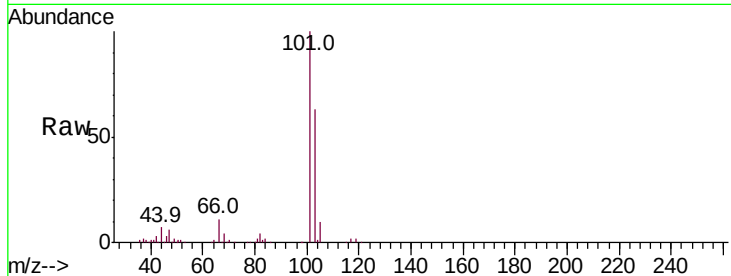
Trichlorofluoromethane
 Concen: 11.350 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU032334.D
 Acq: 28 May 2019 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ5

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.7	77.5

Manual Integrations
 APPROVED

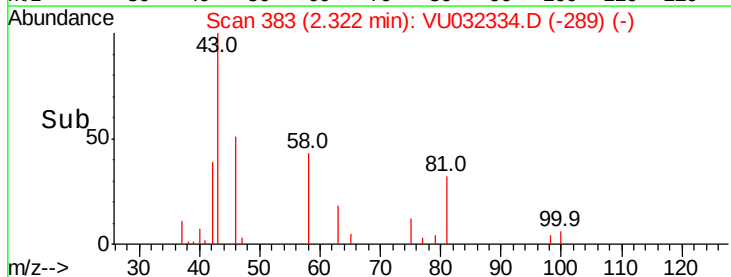
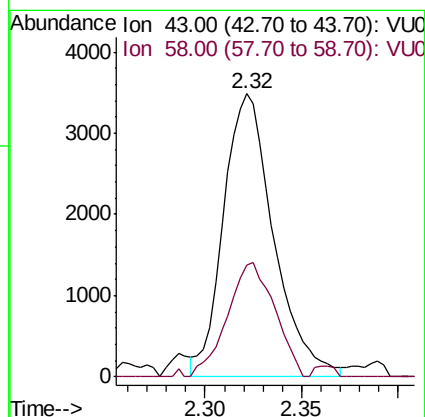
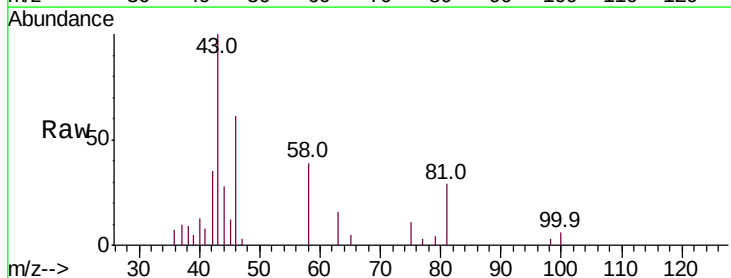
MMDadoda
 5/29/2019 9:58:49 AM

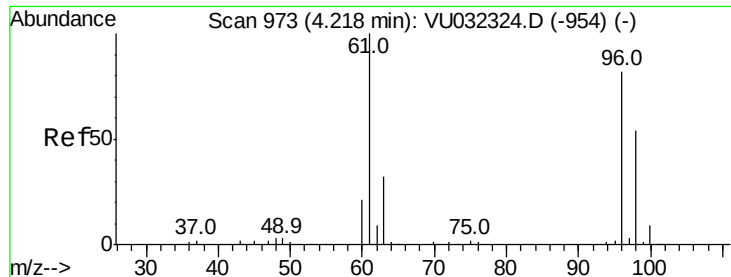


#13

Acetone
 Concen: 1.894 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU032334.D
 Acq: 28 May 2019 17:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.9	0.0	73.6





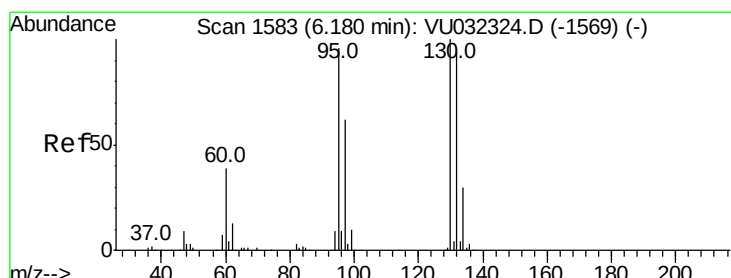
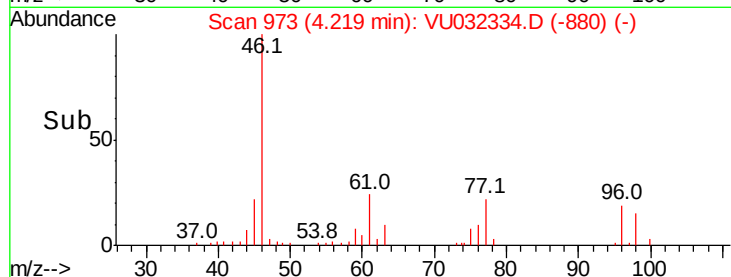
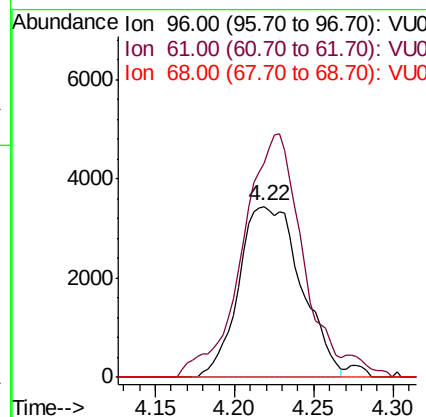
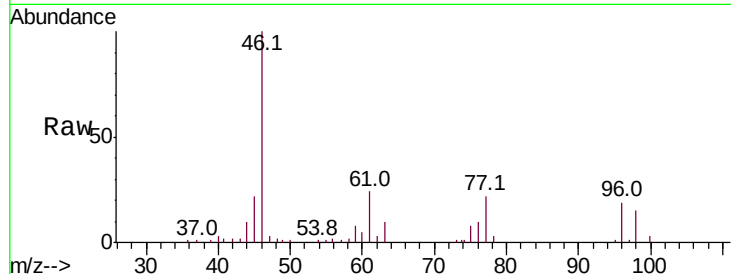
#20
cis-1,2-Dichloroethene
Concen: 1.735 ug/L m
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032334.D
Acq: 28 May 2019 17:23

Instrument :
MSVOA_U
ClientSampleId :
C0XJ5

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.4	85.6	159.0
68	0.0	0.0	0.0

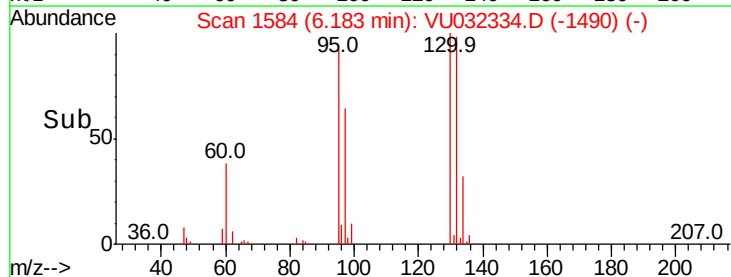
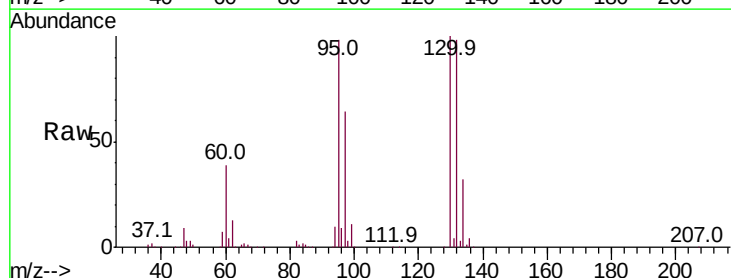
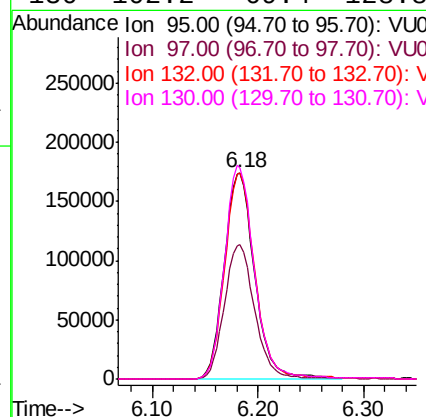
Manual Integrations
APPROVED

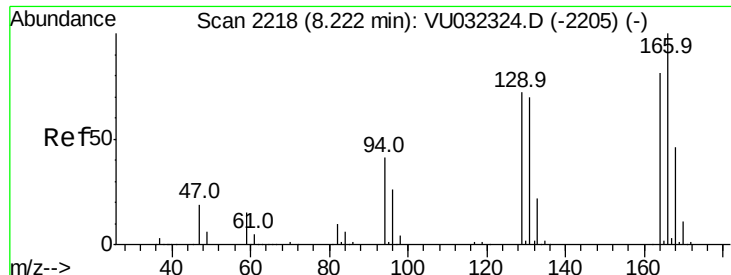
MMDadoda
5/29/2019 9:58:49 AM



#34
Trichloroethene
Concen: 66.358 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032334.D
Acq: 28 May 2019 17:23

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	99.9	66.2	123.0
130	102.2	69.4	128.8





#46

Tetrachloroethene

Concen: 27.107 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032334.D

Acq: 28 May 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

C0XJ5

Tot Ion:164 Resp: 115487

Ion Ratio Lower Upper

164 100

129 88.3 63.9 118.7

131 86.3 60.4 112.2

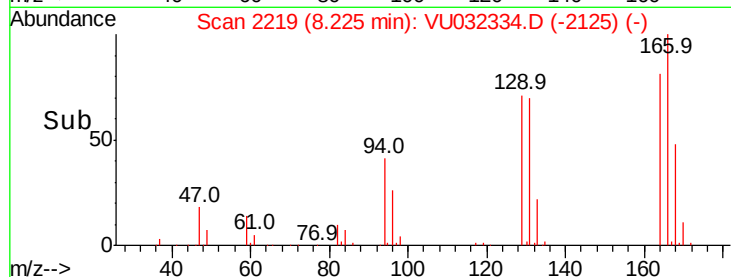
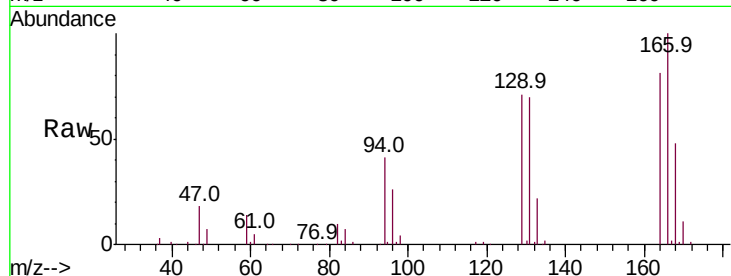
166 123.5 88.3 164.1

Manual Integrations

APPROVED

MMDadoda

5/29/2019 9:58:49 AM



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

