

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031118.D
 Acq On : 12 Apr 2019 10:32
 Operator : JC/SP
 Sample : K2341-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB738

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 9:15:51 AM

Quant Time: Apr 13 00:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	459571	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	222835	54.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.64%
7) Chloroethane-d5	1.68	69	159068	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.18%
11) 1,1-Dichloroethene-d2	2.27	63	279587	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.36%
21) 2-Butanone-d5	4.17	46	274362	84.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.38%
24) Chloroform-d	4.64	84	302083	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	207964	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.34	84	605370	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.32	67	203807	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.42%
41) Toluene-d8	7.56	98	532966	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	7.85	79	92428	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	159059	74.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286294	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	205531	50.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.98%

Target Compounds

					Ovalue
13) Acetone	2.32	43	9566	2.875 ug/L	69
20) cis-1,2-Dichloroethene	4.23	96	3791m	1.018 ug/L	
34) Trichloroethene	6.19	95	2516	0.673 ug/L #	82
42) Toluene	7.64	91	95129	6.110 ug/L	96
46) Tetrachloroethene	8.22	164	8468	3.113 ug/L	91

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

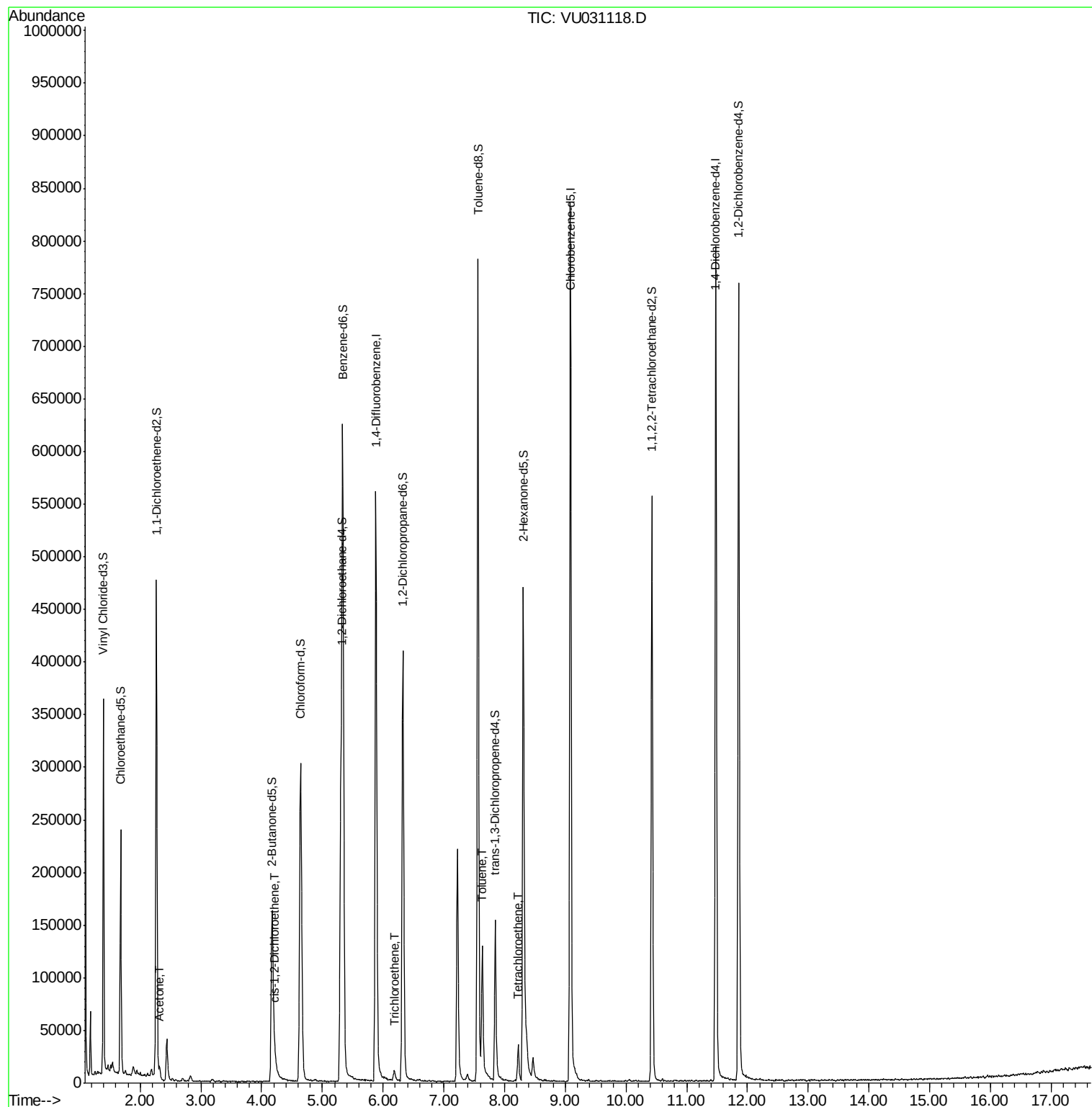
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031118.D
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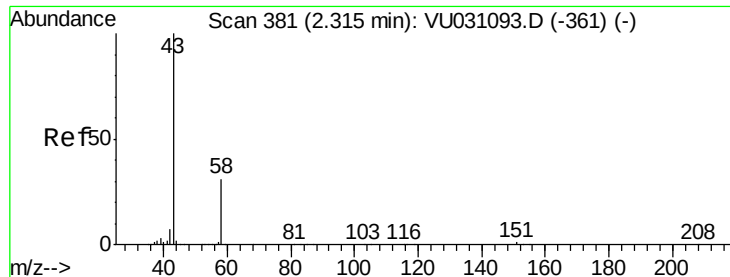
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.875 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

DB738

Tot Ion: 43 Resp: 9566

Ion Ratio Lower Upper

43 100

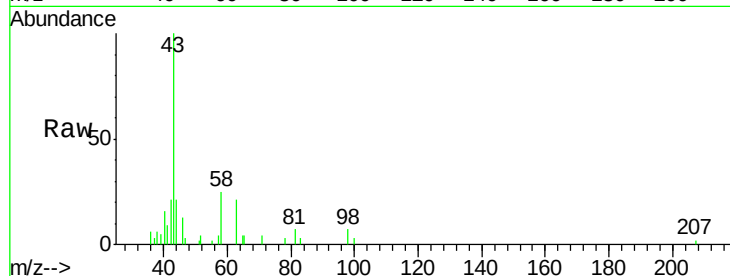
58 14.8 0.0 64.0

Manual Integrations

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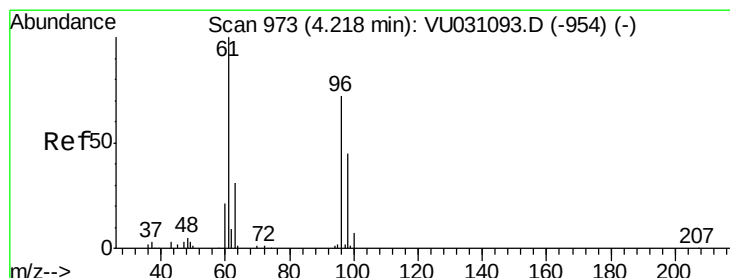
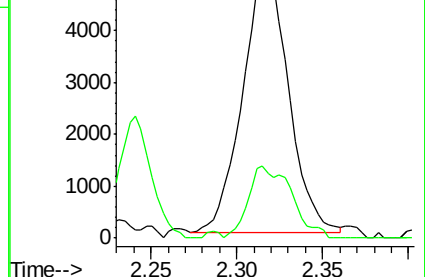
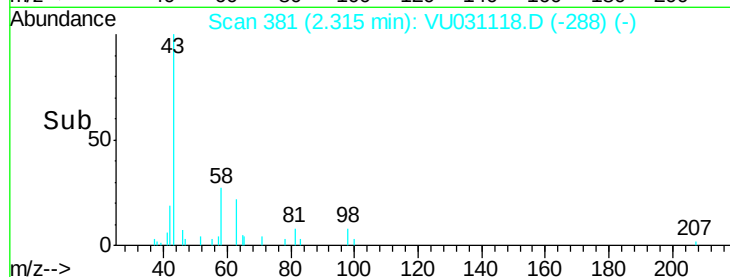


Abundance Ion 43.00 (42.70 to 43.70): VU031118.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031118.D (-288) (-)

2.32

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.018 ug/L m

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

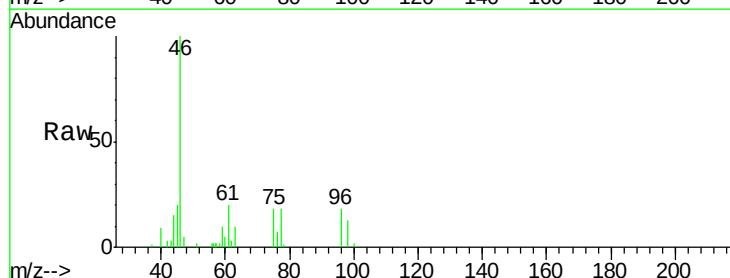
Tgt Ion: 96 Resp: 3791

Ion Ratio Lower Upper

96 100

61 113.3 102.9 191.1

68 0.0 0.0 0.0



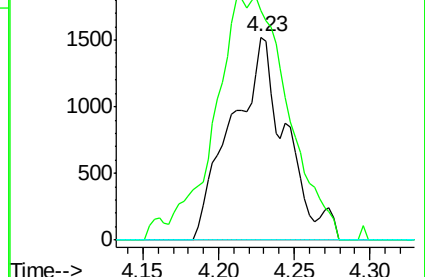
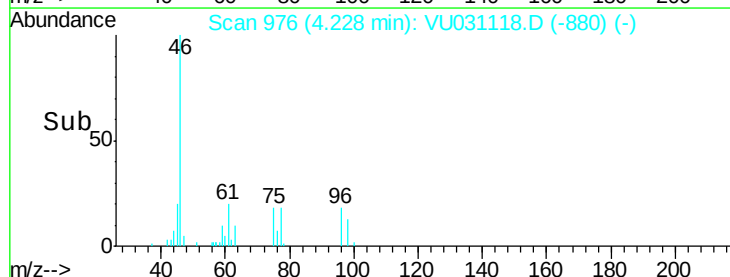
Abundance Ion 96.00 (95.70 to 96.70): VU031118.D (-880) (-)

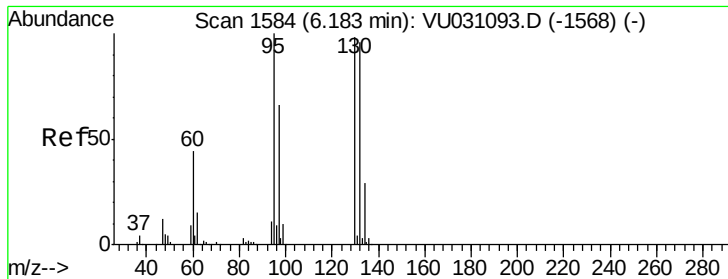
Ion 61.00 (60.70 to 61.70): VU031118.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU031118.D (-880) (-)

4.23

Time-->





#34

Trichloroethene

Concen: 0.673 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

Instrument :

MSVOA_U

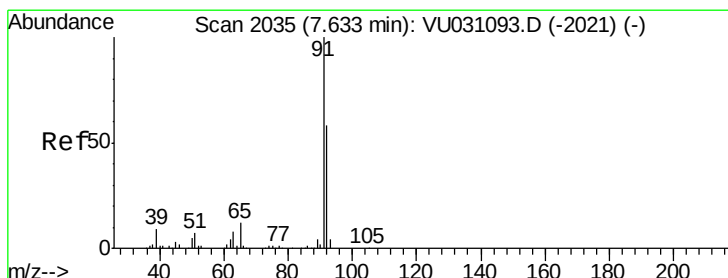
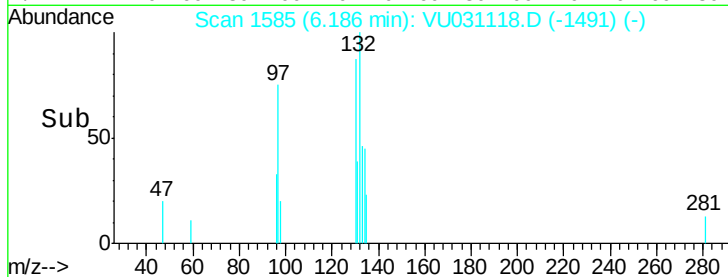
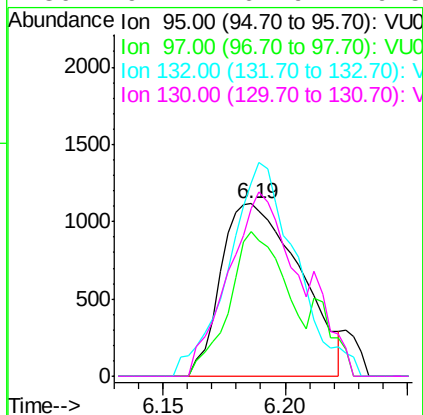
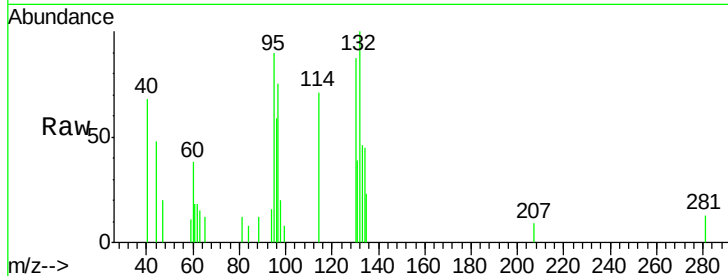
ClientSampleId :

DB738

Tot Ion	Ion	Ratio	Lower	Upper
95	100			
97	84.1	44.5	82.7#	
132	111.6	61.5	114.1	
130	97.2	64.9	120.5	

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#42

Toluene

Concen: 6.110 ug/L

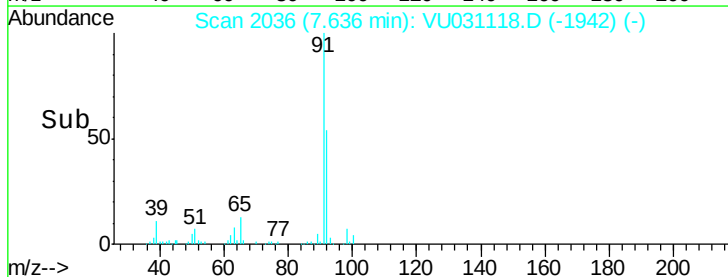
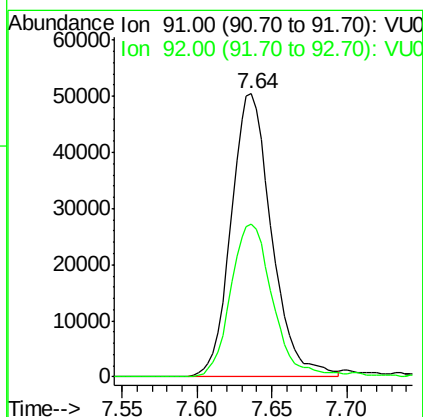
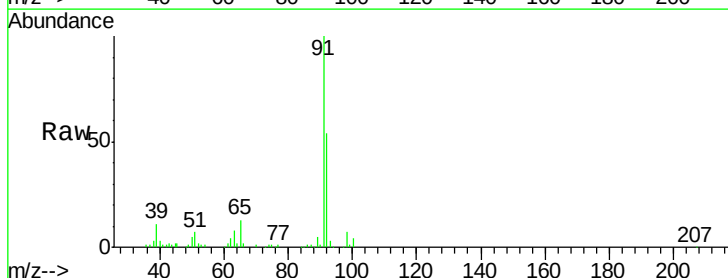
RT: 7.64 min Scan# 2036

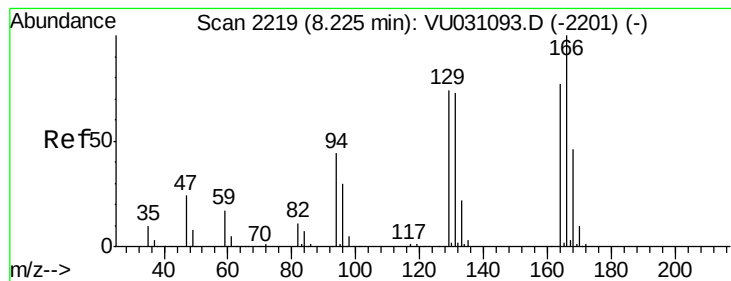
Delta R.T. 0.00 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
92	54.2	40.0	74.4	





#46

Tetrachloroethene

Concen: 3.113 ug/L

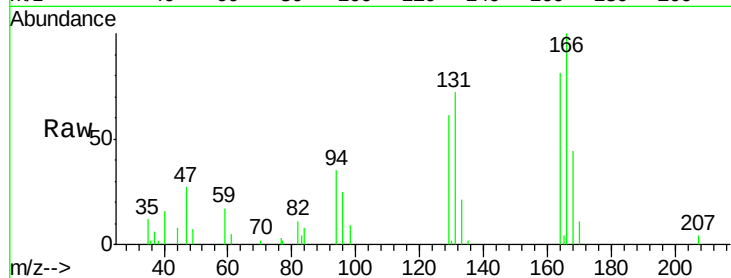
RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
DB738



Tot Ion:164 Resp: 8468

Ion Ratio Lower Upper

164 100

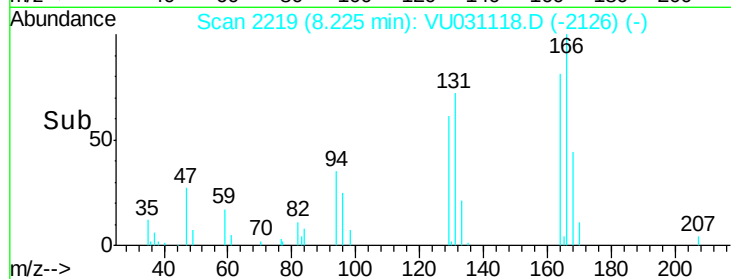
129 75.7 67.4 125.2

131 88.1 65.9 122.5

166 123.2 88.6 164.6

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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

