

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009966.D
 Acq On : 28 Mar 2019 15:28
 Operator : SY/MD
 Sample : K2101-13
 Misc : 5.16G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0C7

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:41:02 AM

Quant Time: Mar 29 05:30:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 02:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142923	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67950	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
7) Chloroethane-d5	1.57	69	75758	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	2.13	63	146582	18.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.92%
20) 2-Butanone-d5	3.93	46	29438m	54.47	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.94%
24) Chloroform-d	4.40	84	81028	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	58022	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.92%
29) Benzene-d6	5.10	84	186943	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	6.12	67	56067	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.68%
37) Toluene-d8	7.36	98	166395	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.36%
38) trans-1,3-Dichloropropene-	7.67	79	19755	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.72%
39) 2-Hexanone-d5	8.13	63	20267	48.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52097	23.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	57719	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

					Ovalue
13) Acetone	2.19	43	2808	3.432 ug/L	78
16) Methylene chloride	2.53	84	9399	3.993 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	12866	6.222 ug/L	93
35) Trichloroethene	5.96	95	9947	4.736 ug/L	92
47) Tetrachloroethene	8.02	164	158362	95.552 ug/L	98

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

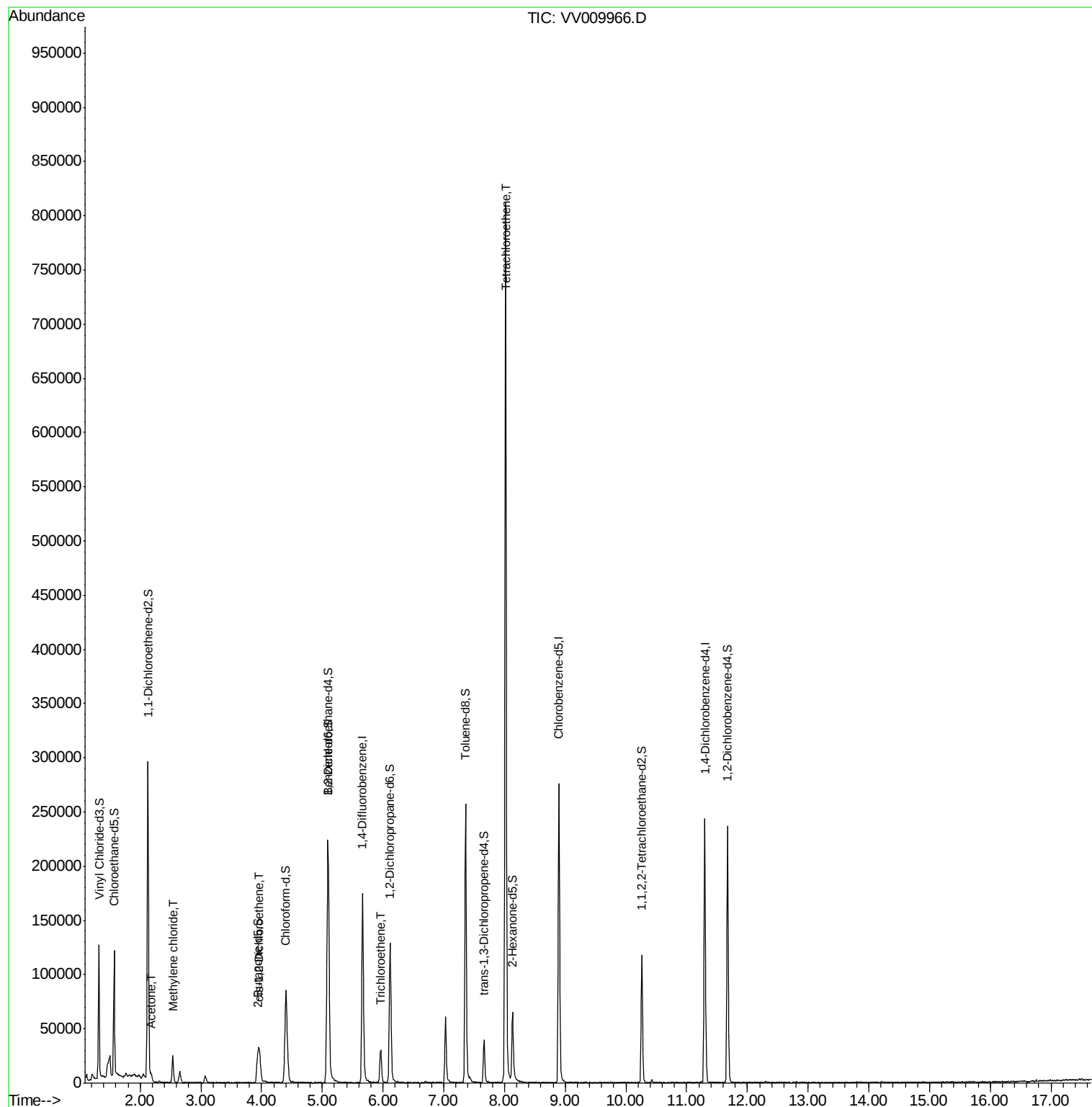
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032819\
Data File : VV009966.D
Acq On : 28 Mar 2019 15:28
Operator : SY/MD
Sample : K2101-13
Misc : 5.16G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

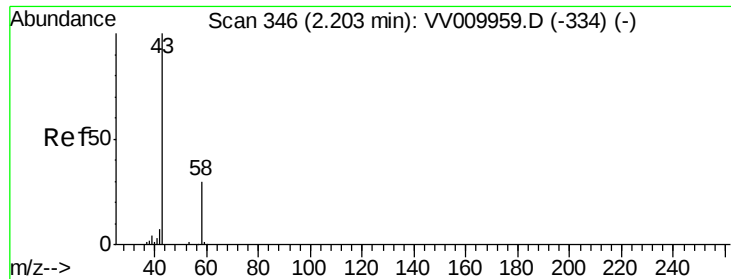
Instrument :
MSVOA_V
ClientSampleId :
BF0C7

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Quant Time: Mar 29 05:30:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.432 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV009966.D

Acq: 28 Mar 2019 15:28

Instrument :

MSVOA_V

ClientSampleId :

BF0C7

Tot Ion: 43 Resp: 2808

Ion Ratio Lower Upper

43 100

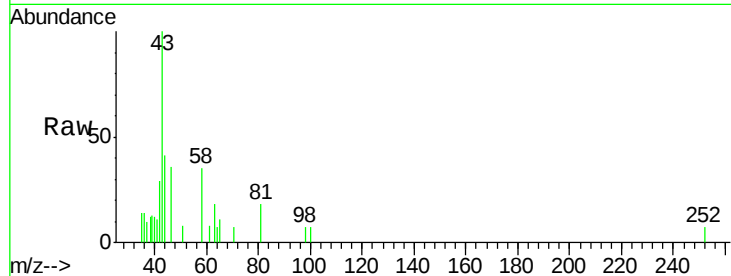
58 17.7 0.0 59.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV009959.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009959.D (-334) (-)

2.19

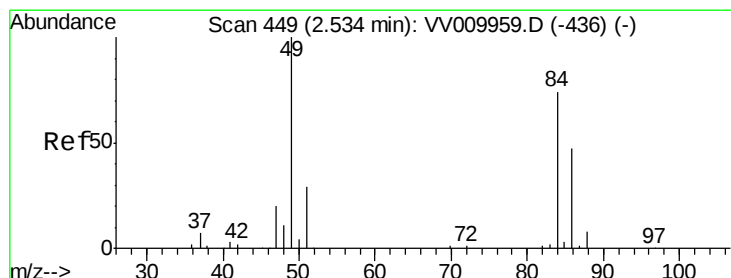
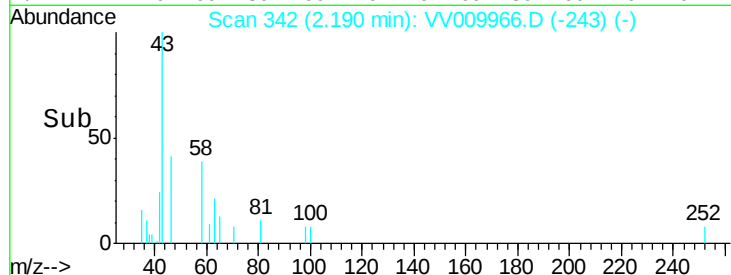
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 3.993 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009966.D

Acq: 28 Mar 2019 15:28

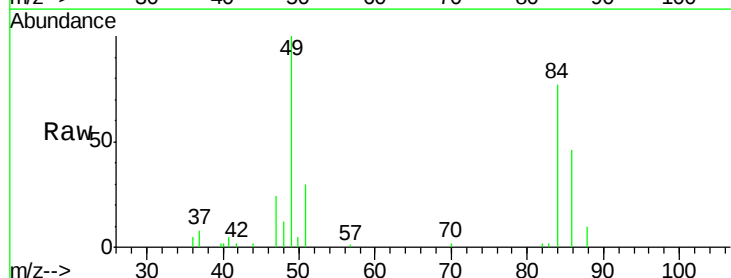
Tgt Ion: 84 Resp: 9399

Ion Ratio Lower Upper

84 100

49 129.8 90.4 167.8

86 59.9 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009959.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009959.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009959.D (-436) (-)

2.53

10000

8000

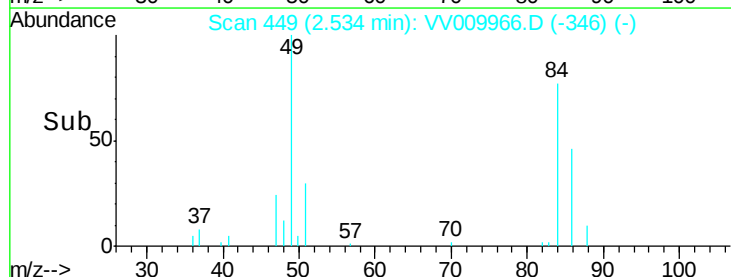
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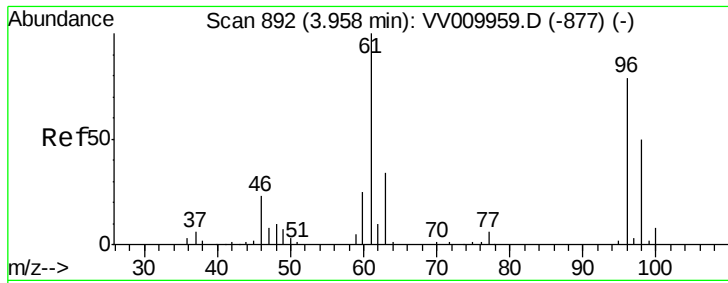
4000

2000

0

Time-->





#22

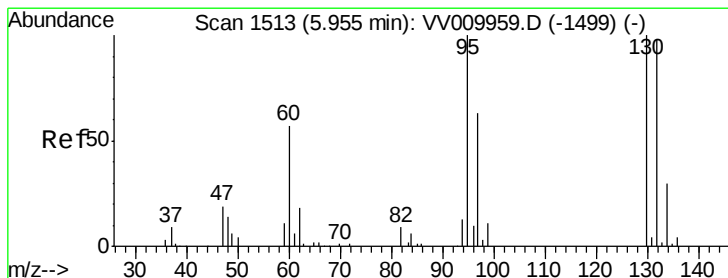
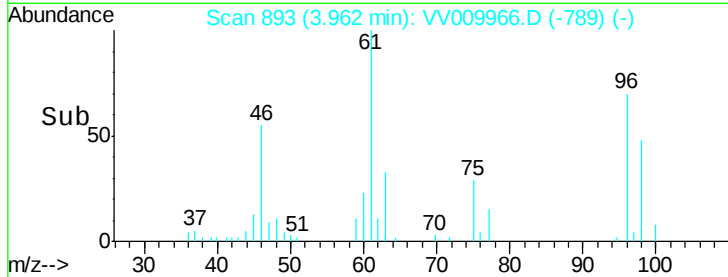
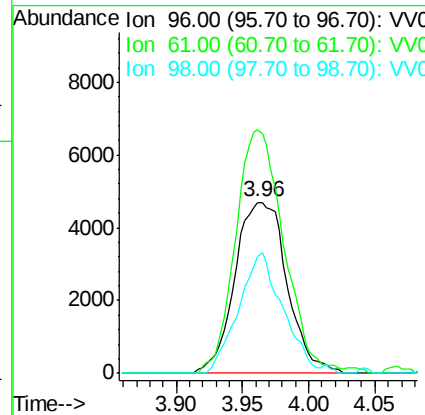
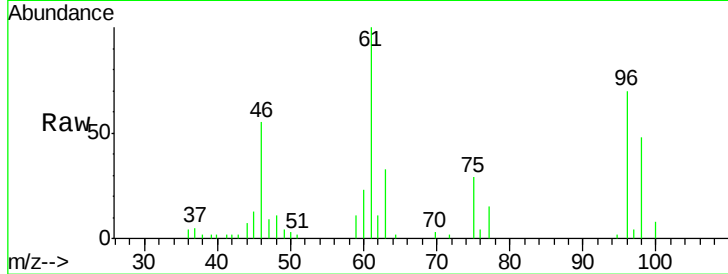
cis-1,2-Dichloroethene
 Concen: 6.222 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV009966.D
 Acq: 28 Mar 2019 15:28

Instrument :
 MSVOA_V
 ClientSampled :
 BF0C7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		12866		
61	142.3	91.4	169.8		
98	68.1	48.0	89.2		

Manual Integrations
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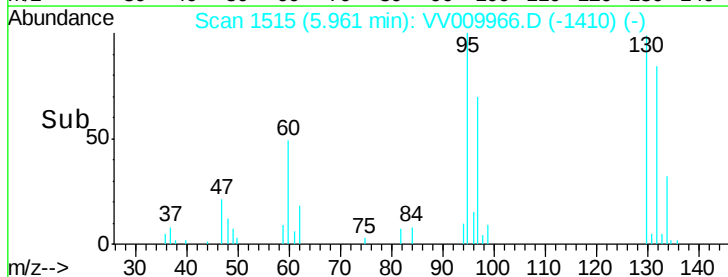
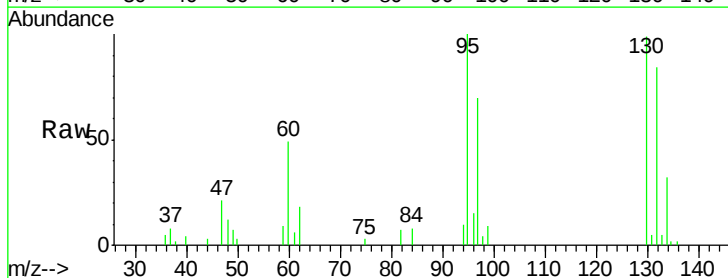
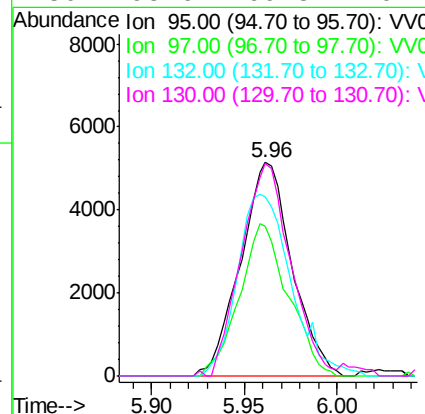
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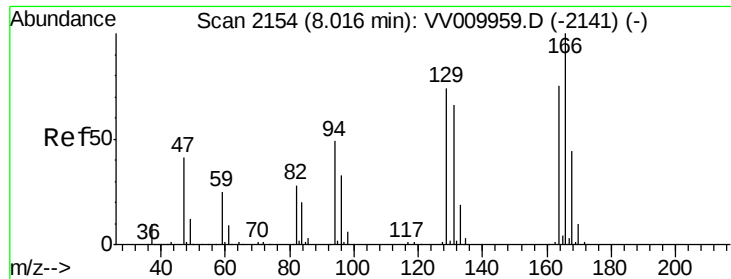


#35

Trichloroethene
 Concen: 4.736 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: VV009966.D
 Acq: 28 Mar 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		9947		
97	67.5	46.3	85.9		
132	82.8	69.3	128.7		
130	95.6	69.5	129.1		





#47

Tetrachloroethene

Concen: 95.552 ug/L

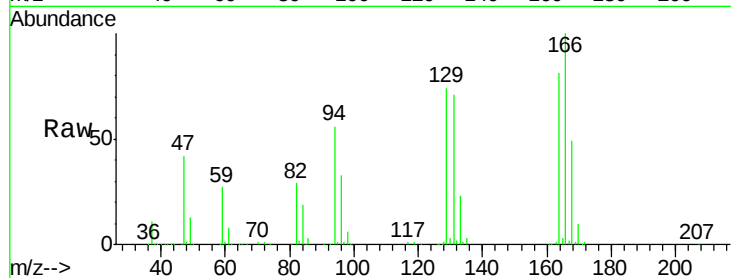
RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009966.D

Acq: 28 Mar 2019 15:28

Instrument :
MSVOA_V
ClientSampleId :
BF0C7



Tot Ion	Ratio	Resp	Lower	Upper
164	100			
129	90.9	64.9	120.5	
131	87.7	62.0	115.2	
166	122.8	82.9	153.9	

Manual Integrations
APPROVED

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3/30/2019 12:41:02 AM

