

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031047.D
 Acq On : 11 Apr 2019 06:32
 Operator : JC/SP
 Sample : K2299-27
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB707

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:45:07 PM

Quant Time: Apr 11 08:43:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	498374	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	495517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216602	48.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.38%
7) Chloroethane-d5	1.68	69	177660	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.24%
11) 1,1-Dichloroethene-d2	2.27	63	299297	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.40%
21) 2-Butanone-d5	4.17	46	381534	108.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.21%
24) Chloroform-d	4.64	84	356208m	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
26) 1,2-Dichloroethane-d4	5.31	65	248296	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.08%
32) Benzene-d6	5.34	84	751218	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
36) 1,2-Dichloropropane-d6	6.32	67	257197	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.76%
41) Toluene-d8	7.56	98	642096	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%
43) trans-1,3-Dichloropropene-	7.85	79	107738	47.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.32%
47) 2-Hexanone-d5	8.31	63	231942	102.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	352490	52.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	237744	55.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	21409	3.906	ug/L #	61
13) Acetone	2.32	43	9831	2.725	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	101652	25.168	ug/L	86
34) Trichloroethene	6.19	95	9897	2.488	ug/L	95
42) Toluene	7.63	91	77276	4.669	ug/L	99
46) Tetrachloroethene	8.22	164	4164	1.440	ug/L #	86

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

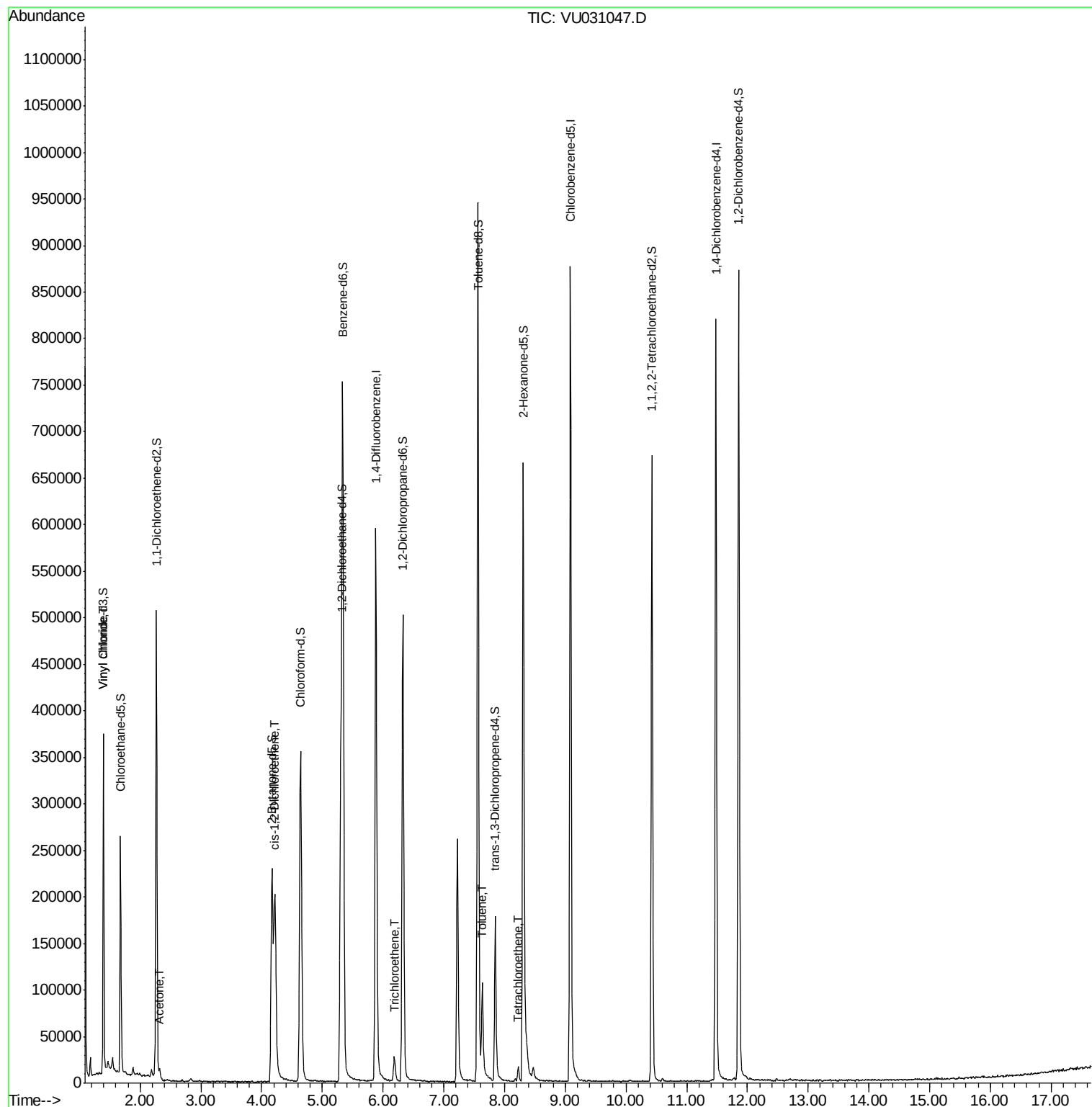
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031047.D
Acq On : 11 Apr 2019 06:32
Operator : JC/SP
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ALS Vial : 37 Sample Multiplier: 1

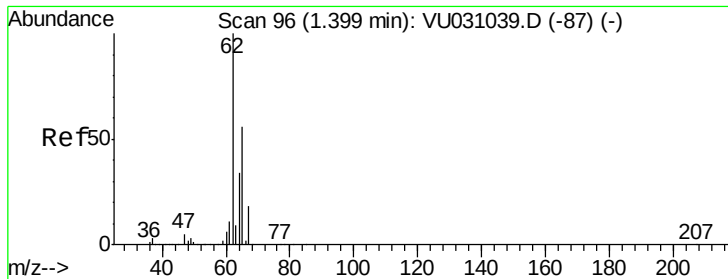
Instrument :
MSVOA_U
ClientSampleId :
DB707

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Quant Time: Apr 11 08:43:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 08:09:01 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.906 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031047.D

Acq: 11 Apr 2019 06:32

Instrument :

MSVOA_U

ClientSampleId :

DB707

Tot Ion: 62 Resp: 21409

Ion Ratio Lower Upper

62 100

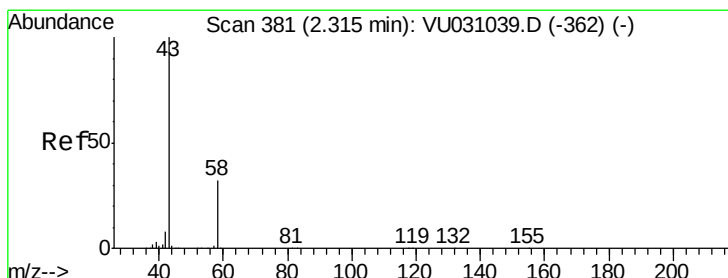
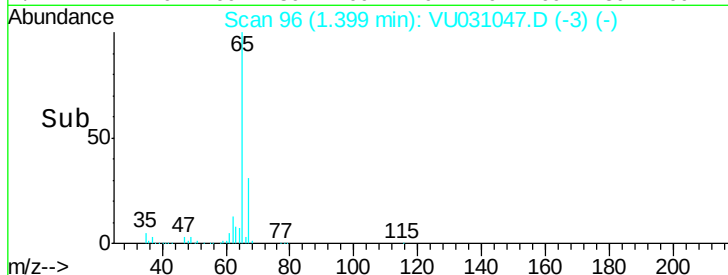
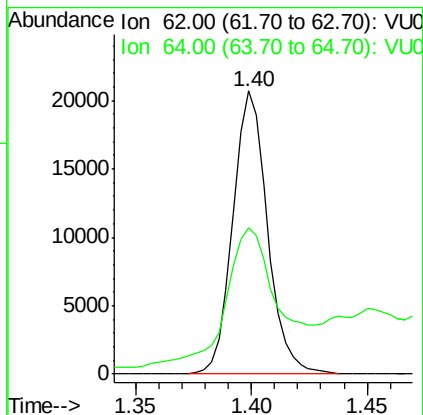
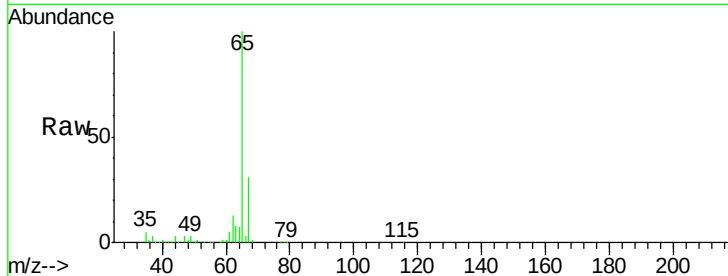
64 51.9 21.5 39.9#

Manual Integrations

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#13

Acetone

Concen: 2.725 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031047.D

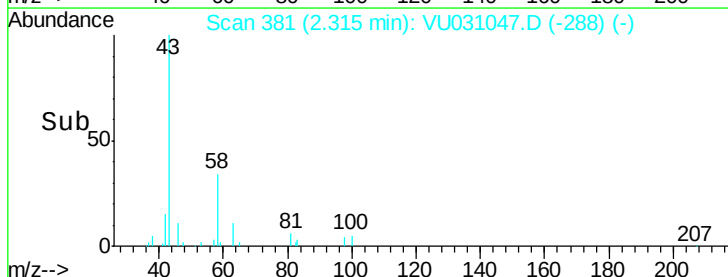
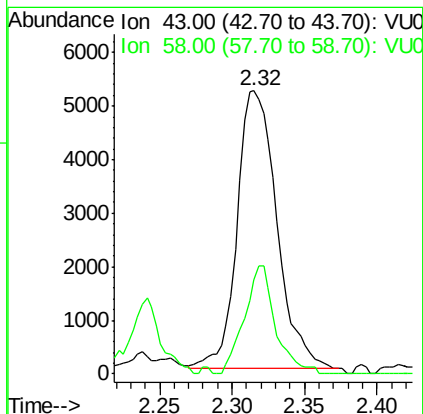
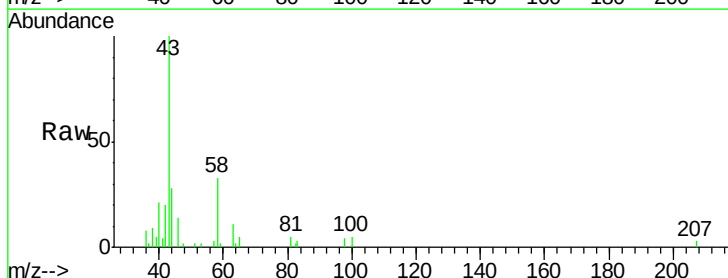
Acq: 11 Apr 2019 06:32

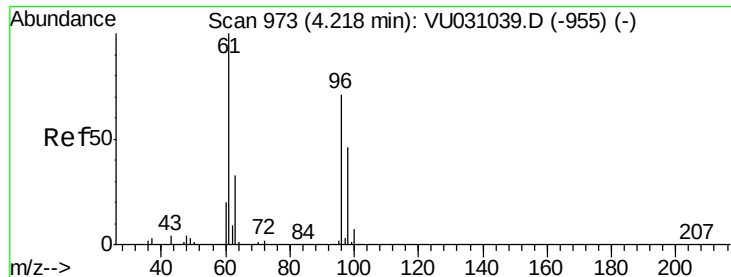
Tgt Ion: 43 Resp: 9831

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.0





#20

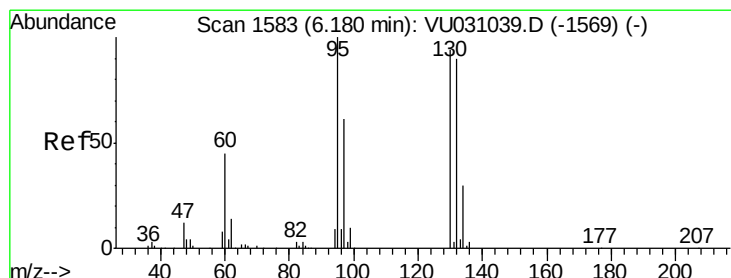
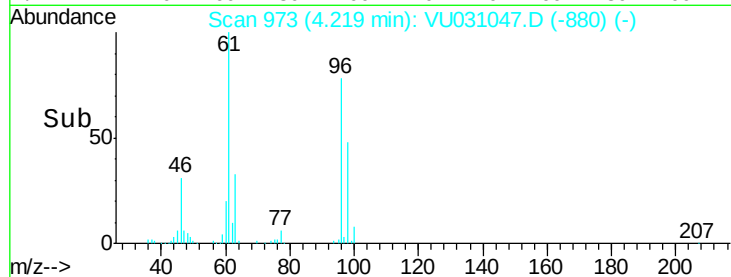
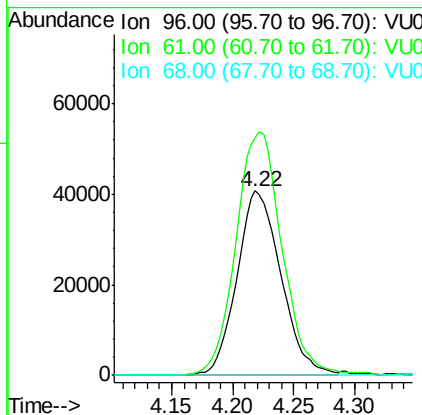
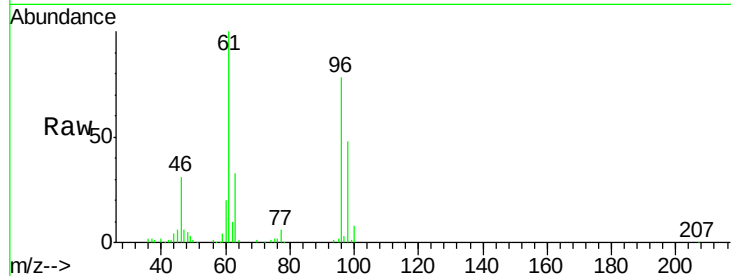
cis-1,2-Dichloroethene
 Concen: 25.168 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031047.D
 Acq: 11 Apr 2019 06:32

Instrument :
 MSVOA_U
 ClientSampleId :
 DB707

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.0	102.9	191.1
68	0.0	0.0	0.0

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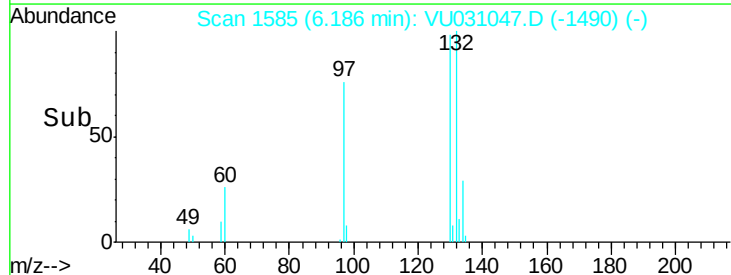
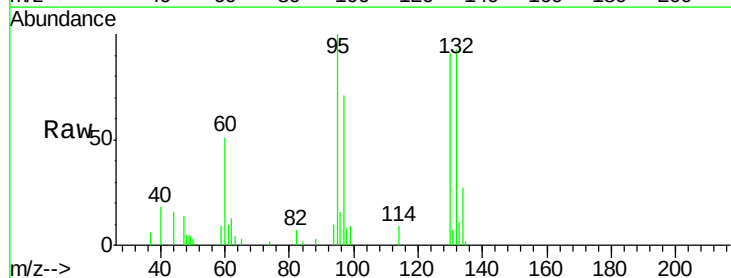
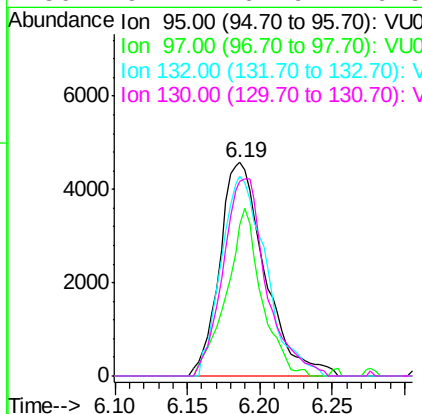
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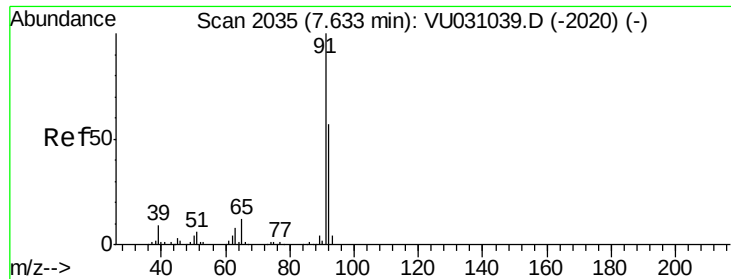


#34

Trichloroethene
 Concen: 2.488 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031047.D
 Acq: 11 Apr 2019 06:32

Tgt Ion	Ratio	Lower	Upper
95	100		
97	70.9	44.5	82.7
132	93.4	61.5	114.1
130	91.2	64.9	120.5





#42

Toluene

Concen: 4.669 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031047.D

Acq: 11 Apr 2019 06:32

Instrument :

MSVOA_U

ClientSampleId :

DB707

Tot Ion: 91 Resp: 77276

Ion Ratio Lower Upper

91 100

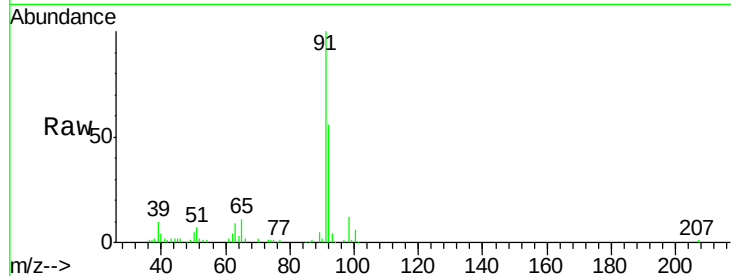
92 56.5 40.0 74.4

Manual Integrations

APPROVED

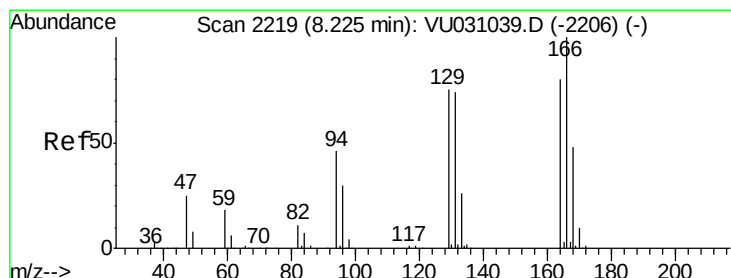
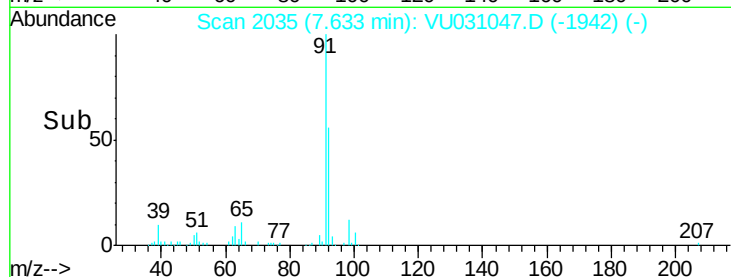
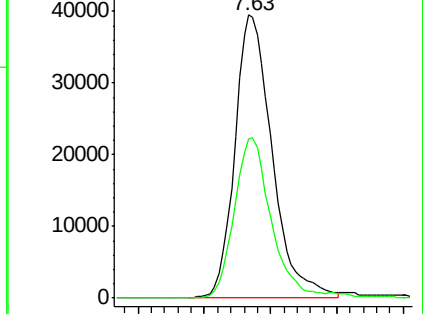
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Abundance Ion 91.00 (90.70 to 91.70): VU031039.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031039.D (-2020) (-)



#46

Tetrachloroethene

Concen: 1.440 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031047.D

Acq: 11 Apr 2019 06:32

Tgt Ion:164 Resp: 4164

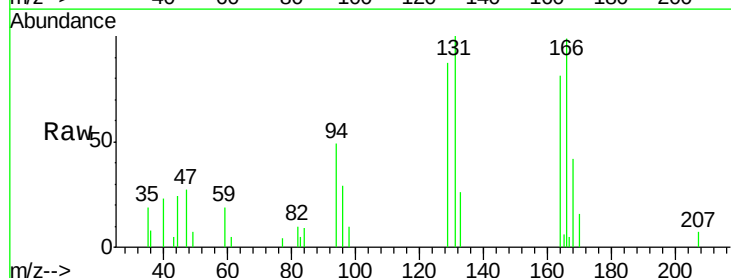
Ion Ratio Lower Upper

164 100

129 106.9 67.4 125.2

131 123.2 65.9 122.5#

166 121.5 88.6 164.6



Abundance Ion 164.00 (163.70 to 164.70): VU031039.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031039.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031039.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031039.D (-2206) (-)

