

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033115.D
 Acq On : 01 Jul 2019 15:07
 Operator : JC/SP
 Sample : K3599-20MSD
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM27MSD

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:00:20 AM

Quant Time: Jul 02 07:07:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 04:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	223470	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46096	30.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.36%
7) Chloroethane-d5	1.64	69	33258	27.30	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.60%#
11) 1,1-Dichloroethene-d2	2.22	63	128015	41.61	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.22%
21) 2-Butanone-d5	4.19	46	150327	118.26	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.26%
24) Chloroform-d	4.63	84	133108	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.30	65	97645	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.32	84	246926	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
36) 1,2-Dichloropropane-d6	6.32	67	85101	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.10%
41) Toluene-d8	7.56	98	223293	40.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.42%
43) trans-1,3-Dichloropropene-	7.85	79	42960	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.32	63	90767	102.91	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143344	49.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	98222	44.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.23	96	68589	48.739	ug/L	87
22) 2-Butanone	4.29	43	20329m	11.171	ug/L	
33) Benzene	5.37	78	338588	51.674	ug/L	100
34) Trichloroethene	6.17	95	91076	52.022	ug/L	98
42) Toluene	7.63	91	365126	51.503	ug/L	99
46) Tetrachloroethene	8.22	164	3642	2.539	ug/L	96
51) Chlorobenzene	9.12	112	243014	52.091	ug/L	98

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

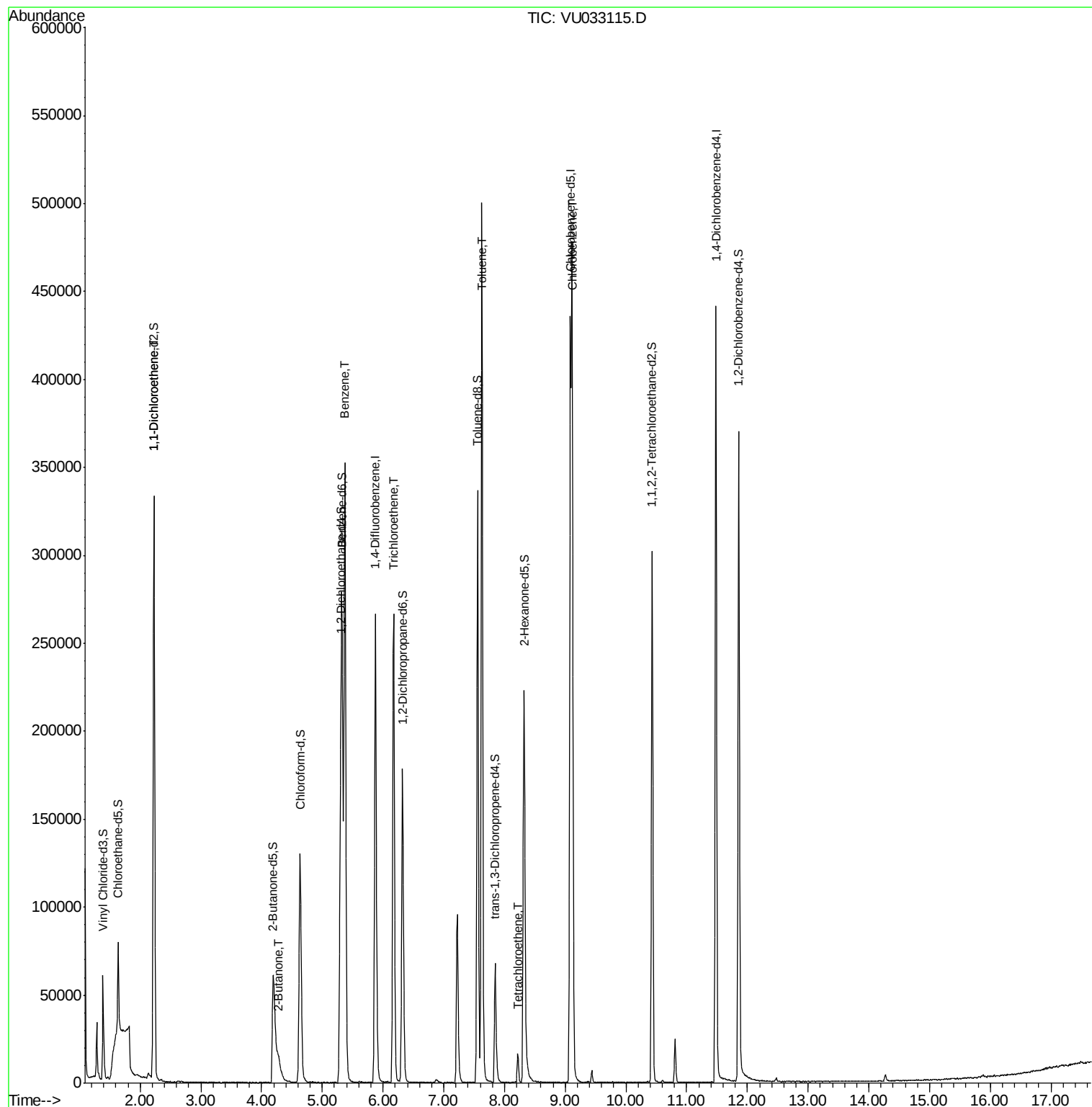
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033115.D
Acq On : 01 Jul 2019 15:07
Operator : JC/SP
Sample : K3599-20MSD
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

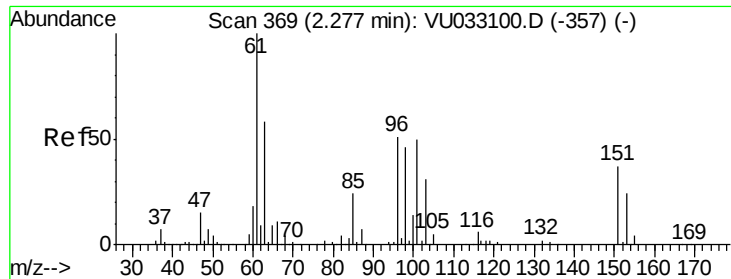
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Jul 02 07:07:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 48.739 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU033115.D

Acq: 01 Jul 2019 15:07

Instrument :

MSVOA_U

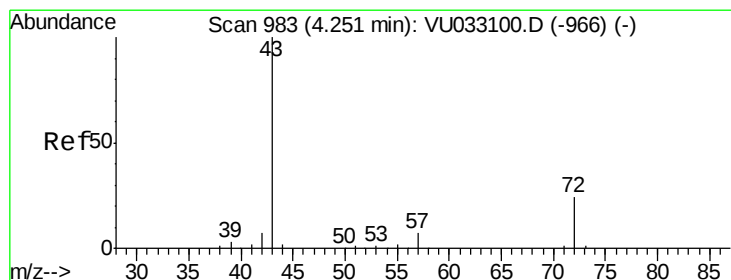
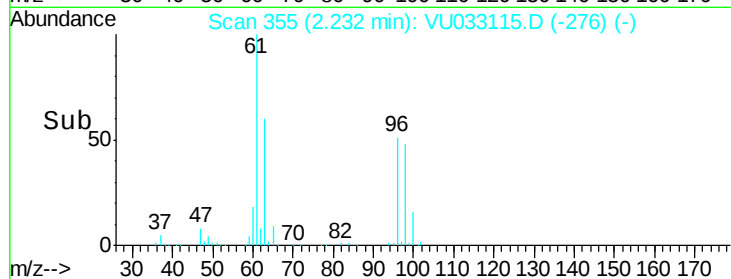
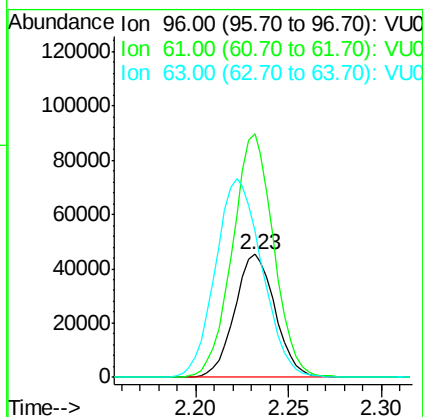
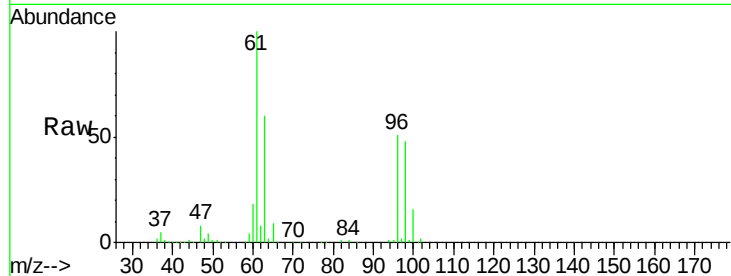
ClientSampleId :

GAM27MSD

Tot Ion:	96	Resp:	68589
Ion	Ratio	Lower	Upper
96	100		
61	198.0	131.0	243.4
63	118.7	101.0	187.6

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#22

2-Butanone

Concen: 11.171 ug/L m

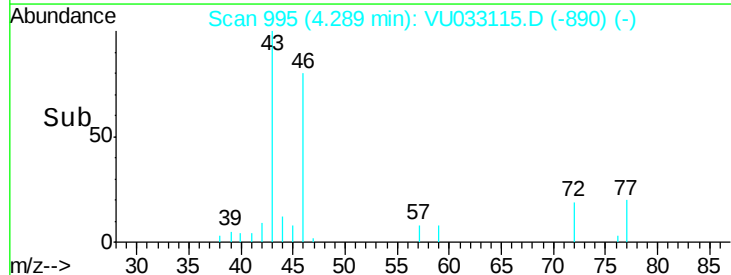
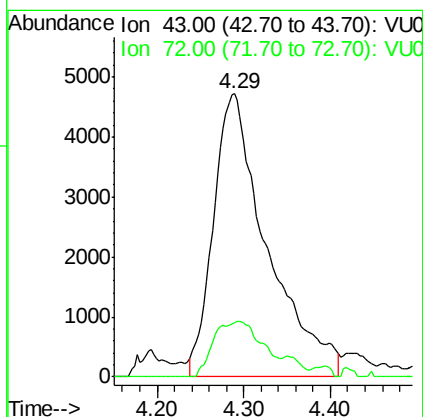
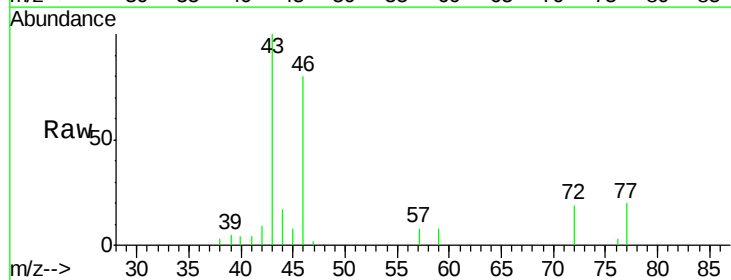
RT: 4.29 min Scan# 995

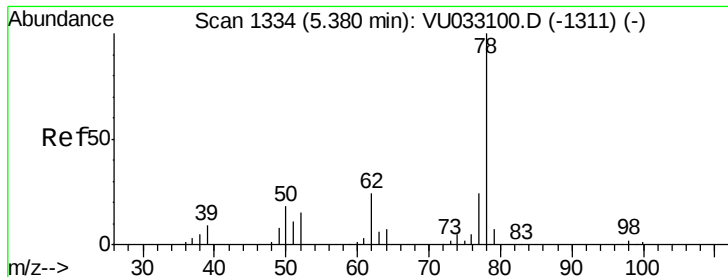
Delta R.T. 0.04 min

Lab File: VU033115.D

Acq: 01 Jul 2019 15:07

Tgt Ion:	43	Resp:	20329
Ion	Ratio	Lower	Upper
43	100		
72	5.5	12.9	38.6#





#33

Benzene

Concen: 51.674 ug/L

RT: 5.37 min Scan# 1331

Delta R.T. -0.01 min

Lab File: VU033115.D

Acq: 01 Jul 2019 15:07

Instrument :

MSVOA_U

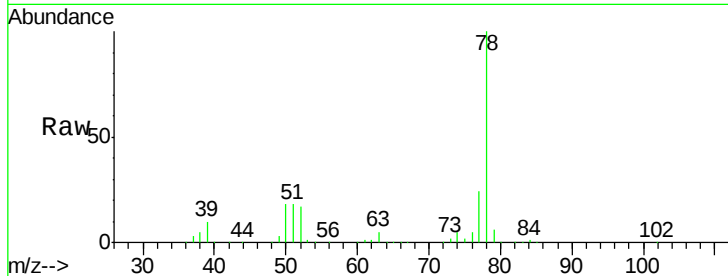
ClientSampleId :

GAM27MSD

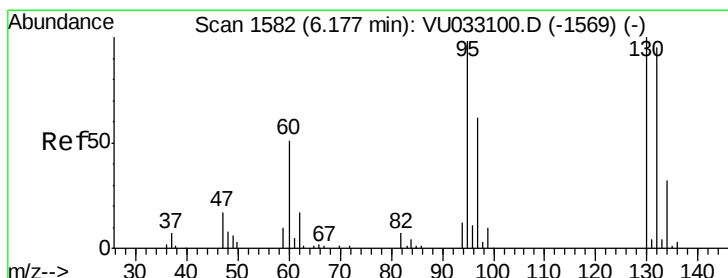
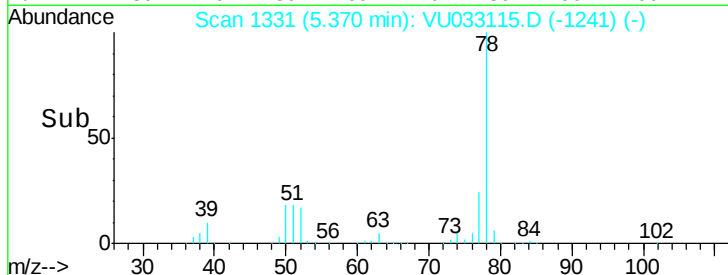
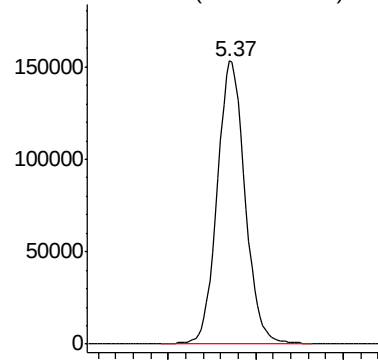
Tgt Ion: 78 Resp: 338588

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Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 52.022 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VU033115.D

Acq: 01 Jul 2019 15:07

Tgt Ion: 95 Resp: 91076

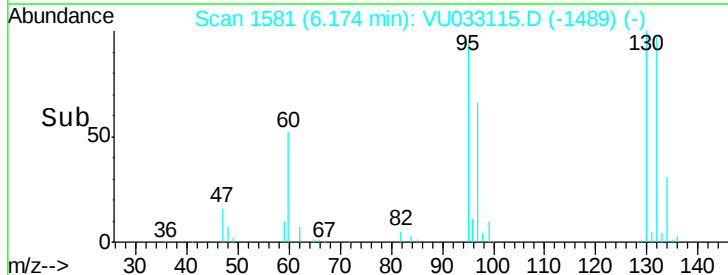
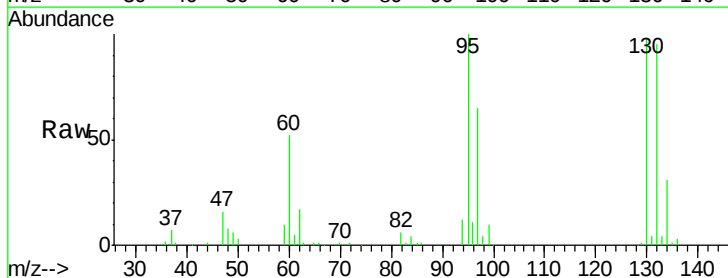
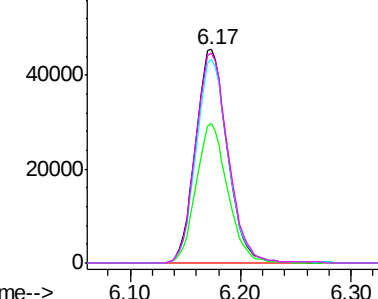
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	95.5	68.5	127.3
130	98.3	70.8	131.4

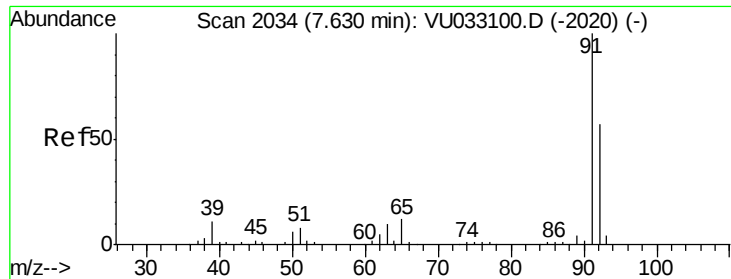
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 51.503 ug/L

RT: 7.63 min Scan# 2033

Delta R.T. -0.00 min

Lab File: VU033115.D

Acq: 01 Jul 2019 15:07

Instrument :

MSVOA_U

ClientSampleId :

GAM27MSD

Tot Ion: 91 Resp: 365126

Ion Ratio Lower Upper

91 100

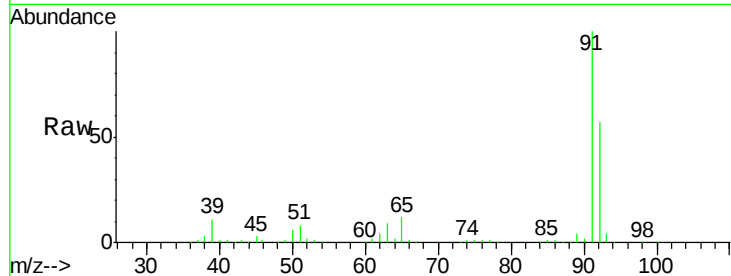
92 57.3 40.4 75.0

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7/3/2019 9:00:20 AM



Abundance Ion 91.00 (90.70 to 91.70): VU033115.D (-2124) (-)

Ion 92.00 (91.70 to 92.70): VU033115.D (-2124) (-)

7.63

200000

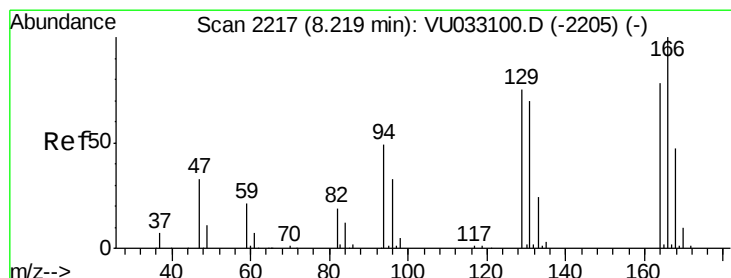
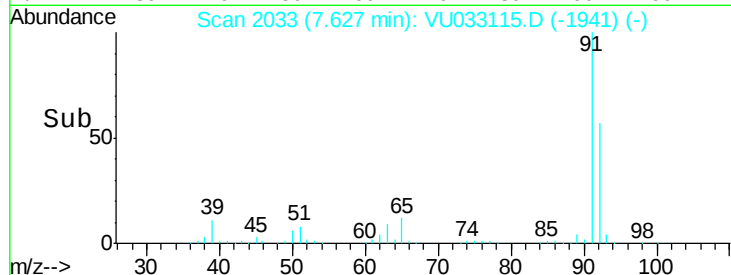
150000

100000

50000

0

Time-->



#46

Tetrachloroethene

Concen: 2.539 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033115.D

Acq: 01 Jul 2019 15:07

Tgt Ion: 164 Resp: 3642

Ion Ratio Lower Upper

164 100

129 83.5 64.8 120.3

131 90.3 64.5 119.7

166 127.8 91.3 169.6

Abundance Ion 164.00 (163.70 to 164.70): VU033115.D (-2124) (-)

Ion 129.00 (128.70 to 129.70): VU033115.D (-2124) (-)

Ion 131.00 (130.70 to 131.70): VU033115.D (-2124) (-)

Ion 166.00 (165.70 to 166.70): VU033115.D (-2124) (-)

4000

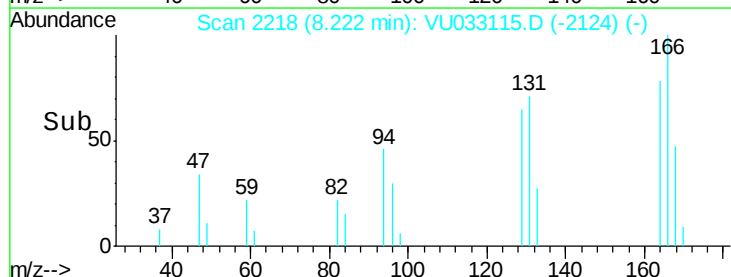
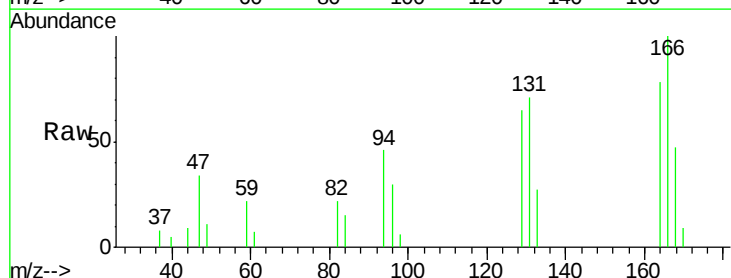
3000

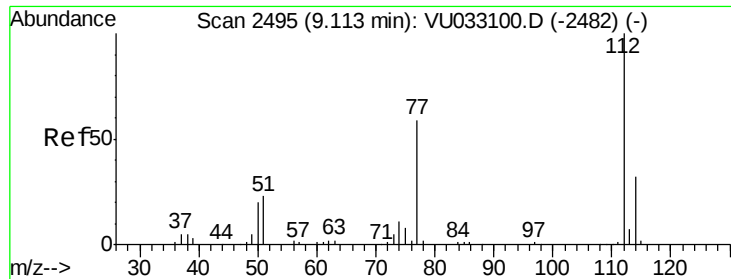
2000

1000

0

Time-->





#51
Chlorobenzene
Concen: 52.091 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU033115.D
Acq: 01 Jul 2019 15:07

Instrument :
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Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
114	32.0	22.8	42.4
77	59.9	46.3	69.5

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7/3/2019 9:00:20 AM

