

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033114.D
 Acq On : 01 Jul 2019 14:44
 Operator : JC/SP
 Sample : K3599-19MS
 Misc : 7.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM27MS

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:00:15 AM

Quant Time: Jul 02 07:05:16 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	219613	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59864	39.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.78%
7) Chloroethane-d5	1.64	69	39606	33.09	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.18%#
11) 1,1-Dichloroethene-d2	2.22	63	142440	47.11	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.22%
21) 2-Butanone-d5	4.19	46	140129	112.17	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.17%
24) Chloroform-d	4.63	84	142588	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
26) 1,2-Dichloroethane-d4	5.30	65	101305	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
32) Benzene-d6	5.32	84	272888	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
36) 1,2-Dichloropropane-d6	6.32	67	91332	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.56	98	248224	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%
43) trans-1,3-Dichloropropene-	7.85	79	43712	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.32	63	85351	99.49	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140569	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	102779	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.23	96	62498	45.191	ug/L	91
22) 2-Butanone	4.29	43	17910m	10.015	ug/L	
33) Benzene	5.37	78	309829	48.611	ug/L	100
34) Trichloroethene	6.17	95	81738	47.998	ug/L	97
42) Toluene	7.63	91	337020	48.872	ug/L	100
46) Tetrachloroethene	8.22	164	1957	1.402	ug/L	89
51) Chlorobenzene	9.12	112	224336	49.436	ug/L	98

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

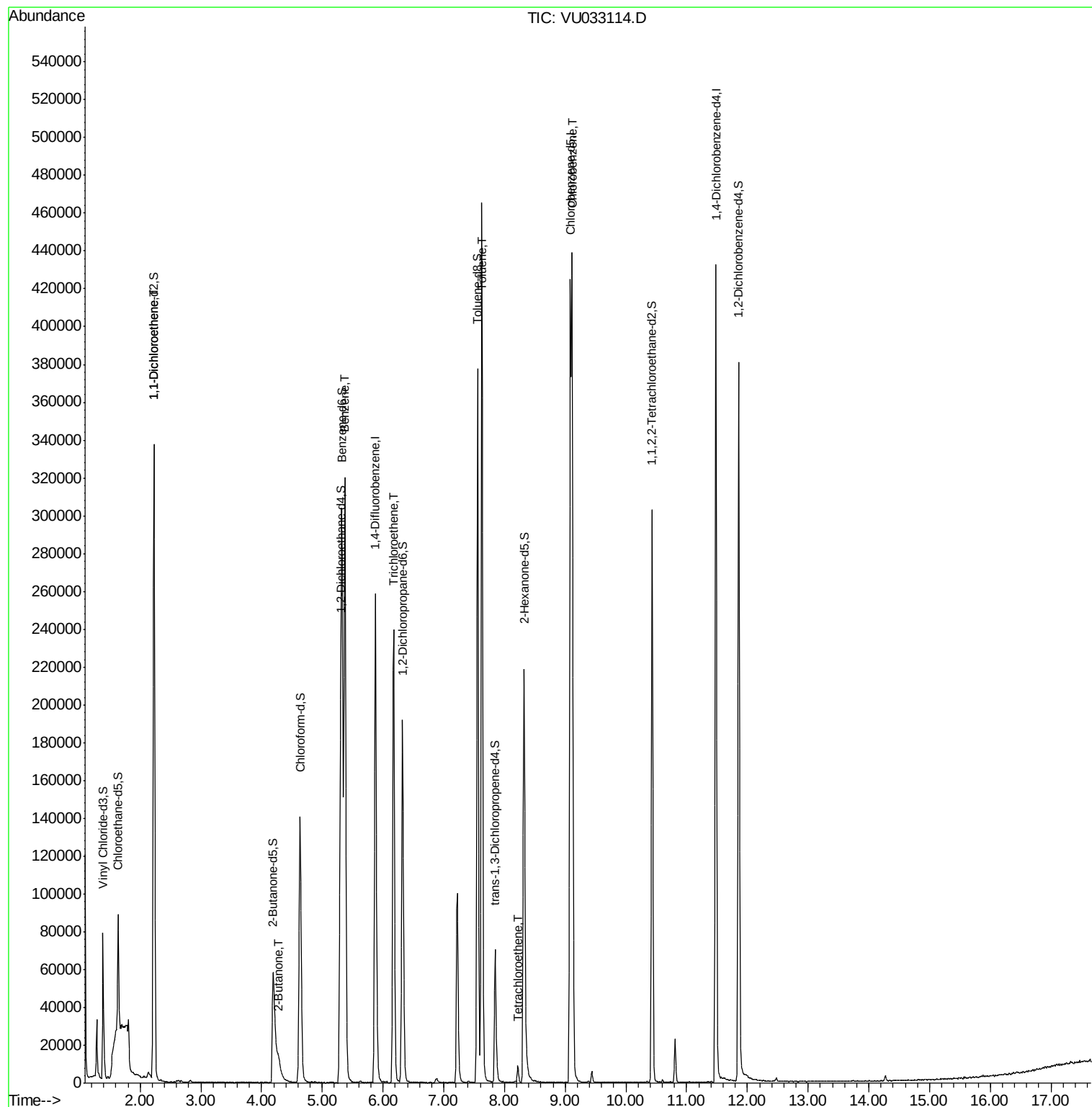
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033114.D
Acq On : 01 Jul 2019 14:44
Operator : JC/SP
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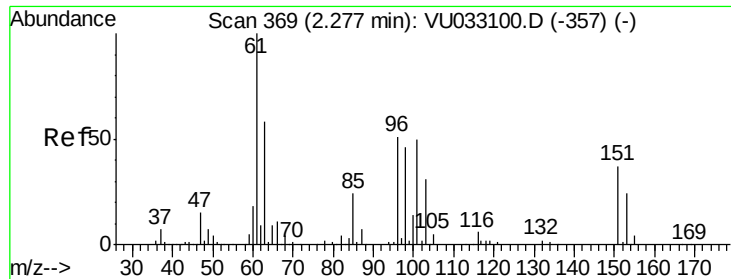
Instrument :
MSVOA_U
ClientSampleId :
GAM27MS

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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





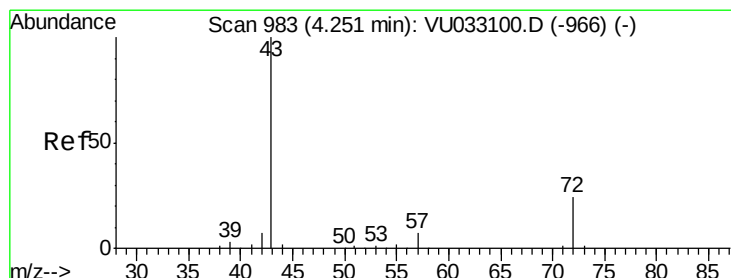
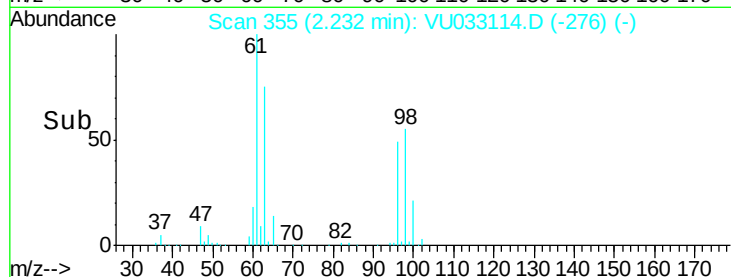
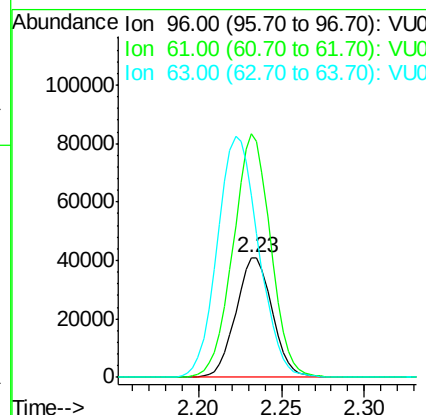
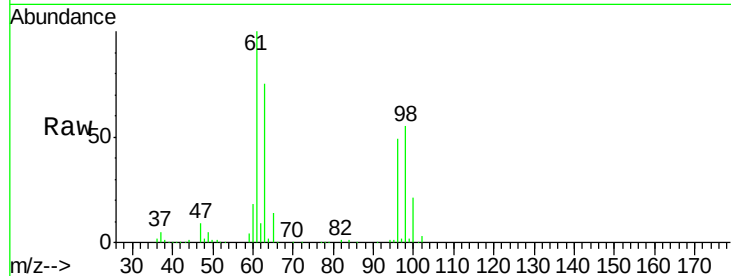
#12
 1,1-Dichloroethene
 Concen: 45.191 ug/L
 RT: 2.23 min Scan# 355
 Delta R.T. -0.05 min
 Lab File: VU033114.D
 Acq: 01 Jul 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM27MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	203.1	131.0	243.4
63	151.7	101.0	187.6

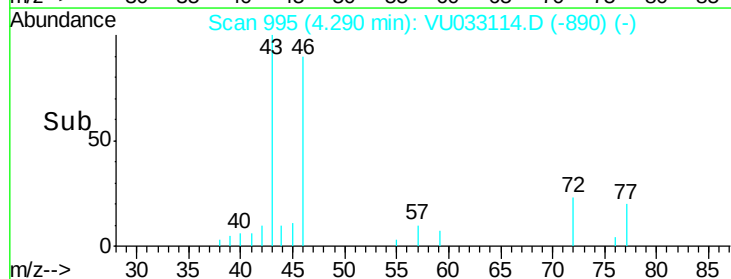
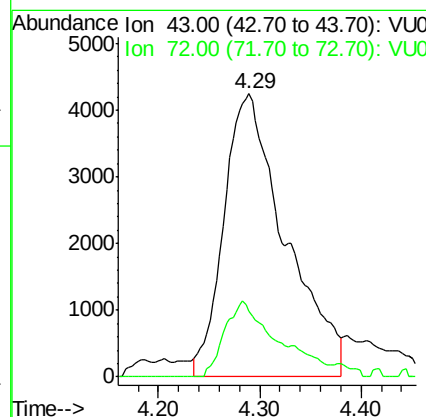
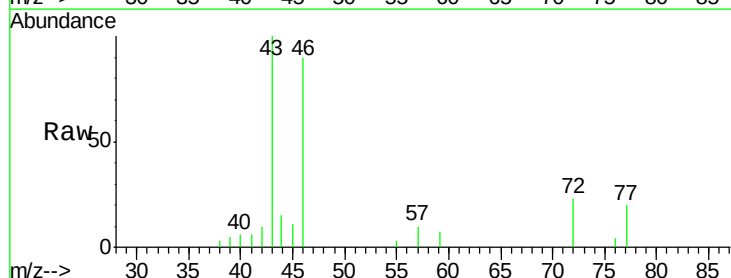
Manual Integrations
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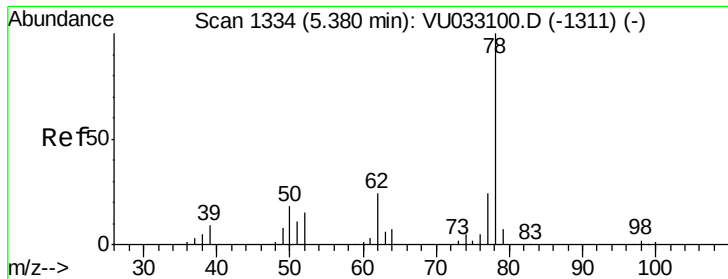
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#22
 2-Butanone
 Concen: 10.015 ug/L m
 RT: 4.29 min Scan# 995
 Delta R.T. 0.04 min
 Lab File: VU033114.D
 Acq: 01 Jul 2019 14:44

Tgt Ion	Ratio	Lower	Upper
43	100		
72	18.9	12.9	38.6





#33

Benzene

Concen: 48.611 ug/L

RT: 5.37 min Scan# 1332

Delta R.T. -0.01 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

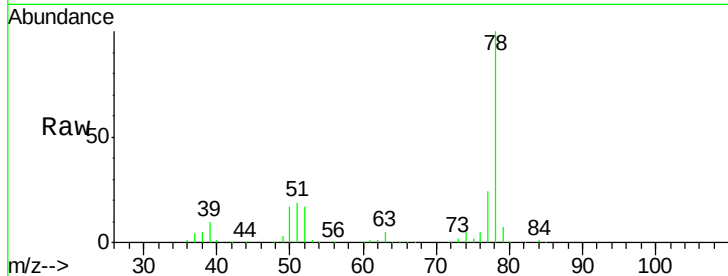
ClientSampleId :

GAM27MS

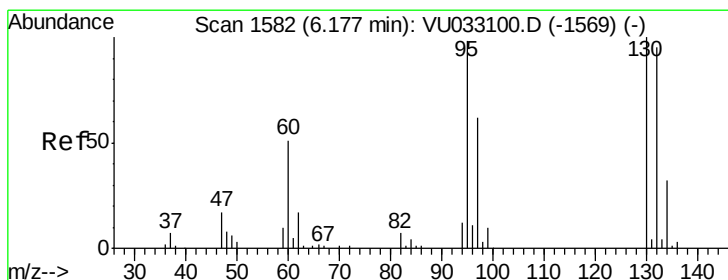
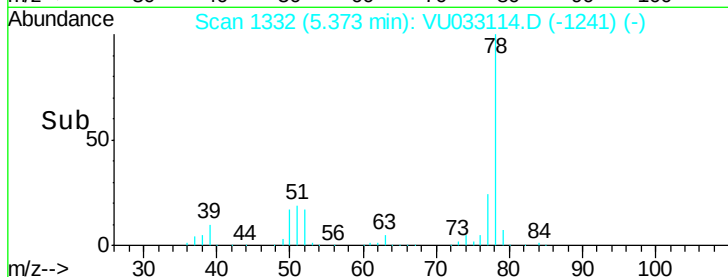
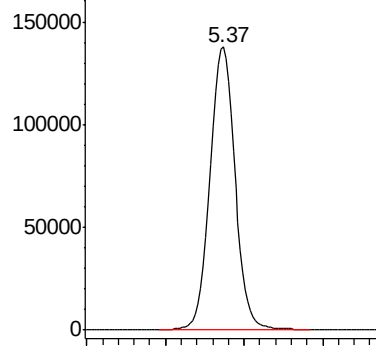
Tgt Ion: 78 Resp: 309829

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Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 47.998 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Tgt Ion: 95 Resp: 81738

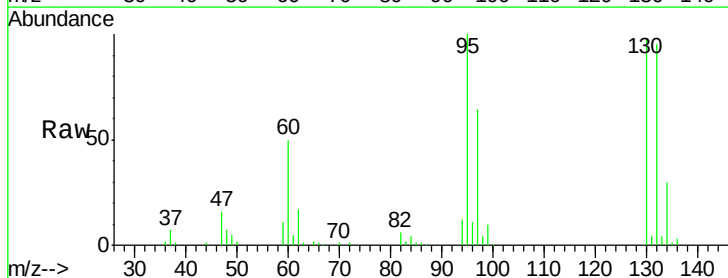
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 95.3 68.5 127.3

130 97.8 70.8 131.4

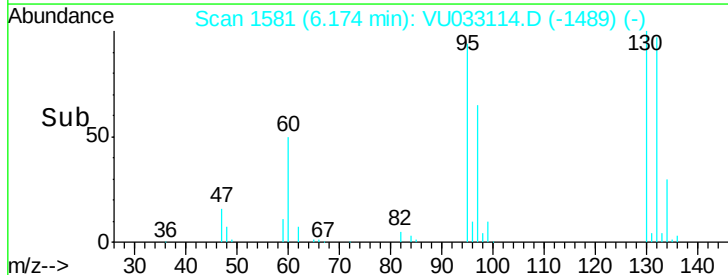
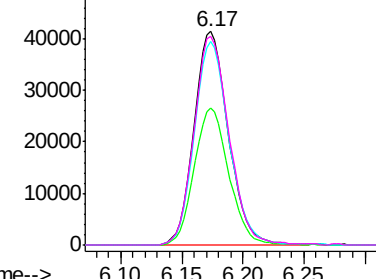


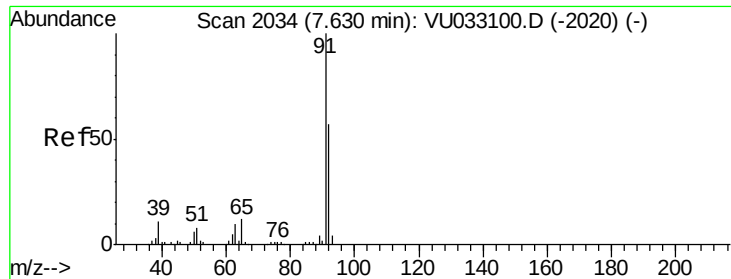
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 48.872 ug/L

RT: 7.63 min Scan# 2033

Delta R.T. -0.00 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

GAM27MS

Tot Ion: 91 Resp: 337020

Ion Ratio Lower Upper

91 100

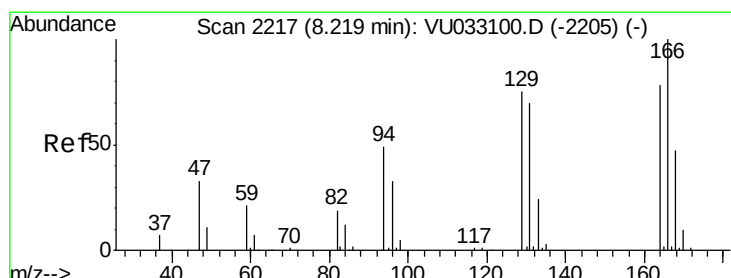
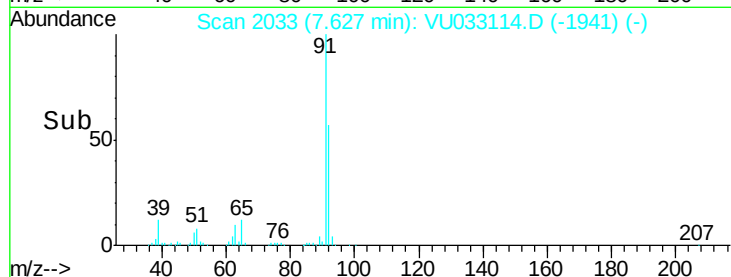
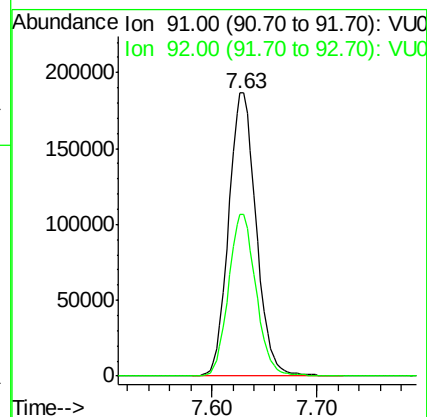
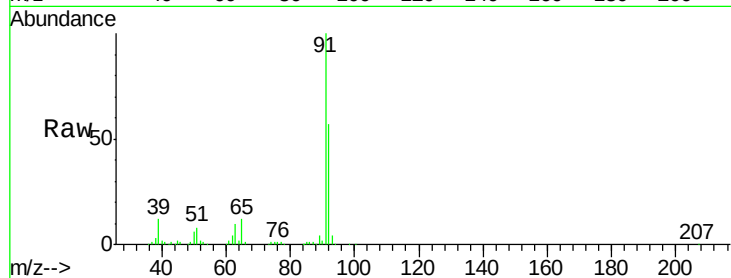
92 57.4 40.4 75.0

Manual Integrations

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#46

Tetrachloroethene

Concen: 1.402 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Tgt Ion: 164 Resp: 1957

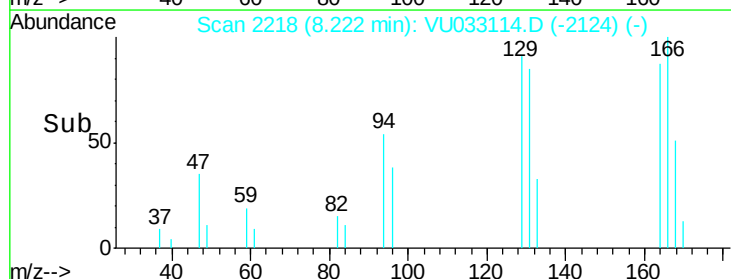
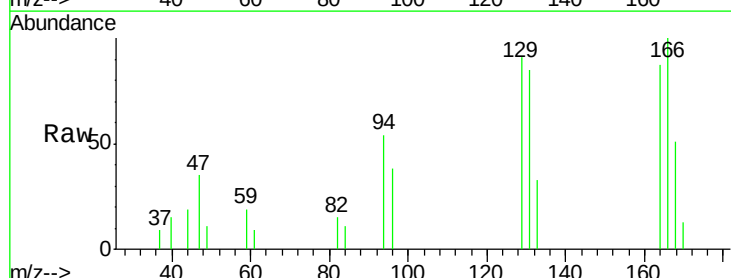
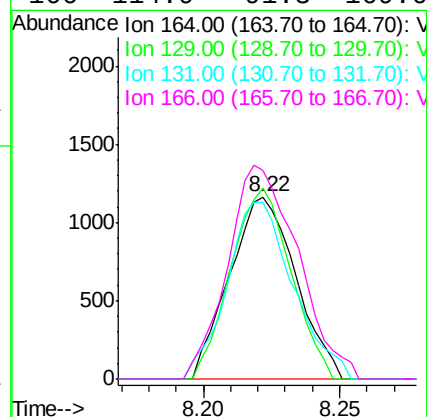
Ion Ratio Lower Upper

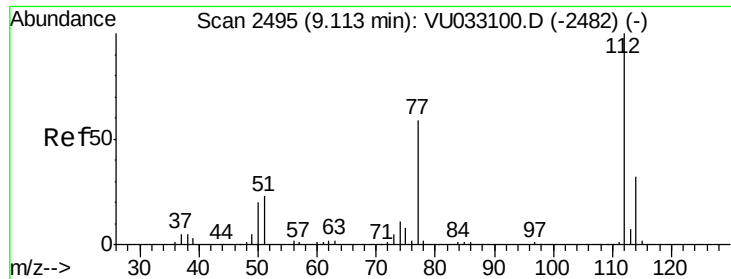
164 100

129 104.8 64.8 120.3

131 97.2 64.5 119.7

166 114.9 91.3 169.6





#51
 Chlorobenzene
 Concen: 49.436 ug/L
 RT: 9.12 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: VU033114.D
 Acq: 01 Jul 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM27MS

Tot Ion:	112	Resp:	224336
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.8	42.4
77	59.4	46.3	69.5

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:00:15 AM

