

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034904.D
 Acq On : 01 Oct 2019 21:41
 Operator : JC/SP
 Sample : K5028-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDL8

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:14:09 PM

Quant Time: Oct 02 04:36:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 02 01:50:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	356853	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	347231	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	148236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	99542	39.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.60%
7) Chloroethane-d5	1.67	69	90888	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.50%
11) 1,1-Dichloroethene-d2	2.26	63	152830	34.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.56%
21) 2-Butanone-d5	4.15	46	277563	113.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.73%
24) Chloroform-d	4.62	84	223604	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.29	65	166111	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.32	84	438903	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
36) 1,2-Dichloropropane-d6	6.31	67	157531	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.54	98	408035	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%
43) trans-1,3-Dichloropropene-	7.83	79	69216	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
47) 2-Hexanone-d5	8.29	63	187417	120.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	222678	47.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	146203	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%

Target Compounds

					Ovalue
13) Acetone	2.31	43	85104	43.875 ug/L	97
15) Methyl Acetate	2.61	43	4098m	1.324 ug/L	
16) Methylene chloride	2.68	84	202892	103.784 ug/L	97
22) 2-Butanone	4.25	43	28087	11.149 ug/L	100
51) Chlorobenzene	9.10	112	15019	2.781 ug/L	95
56) Isopropylbenzene	10.14	105	12539	1.302 ug/L	98

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

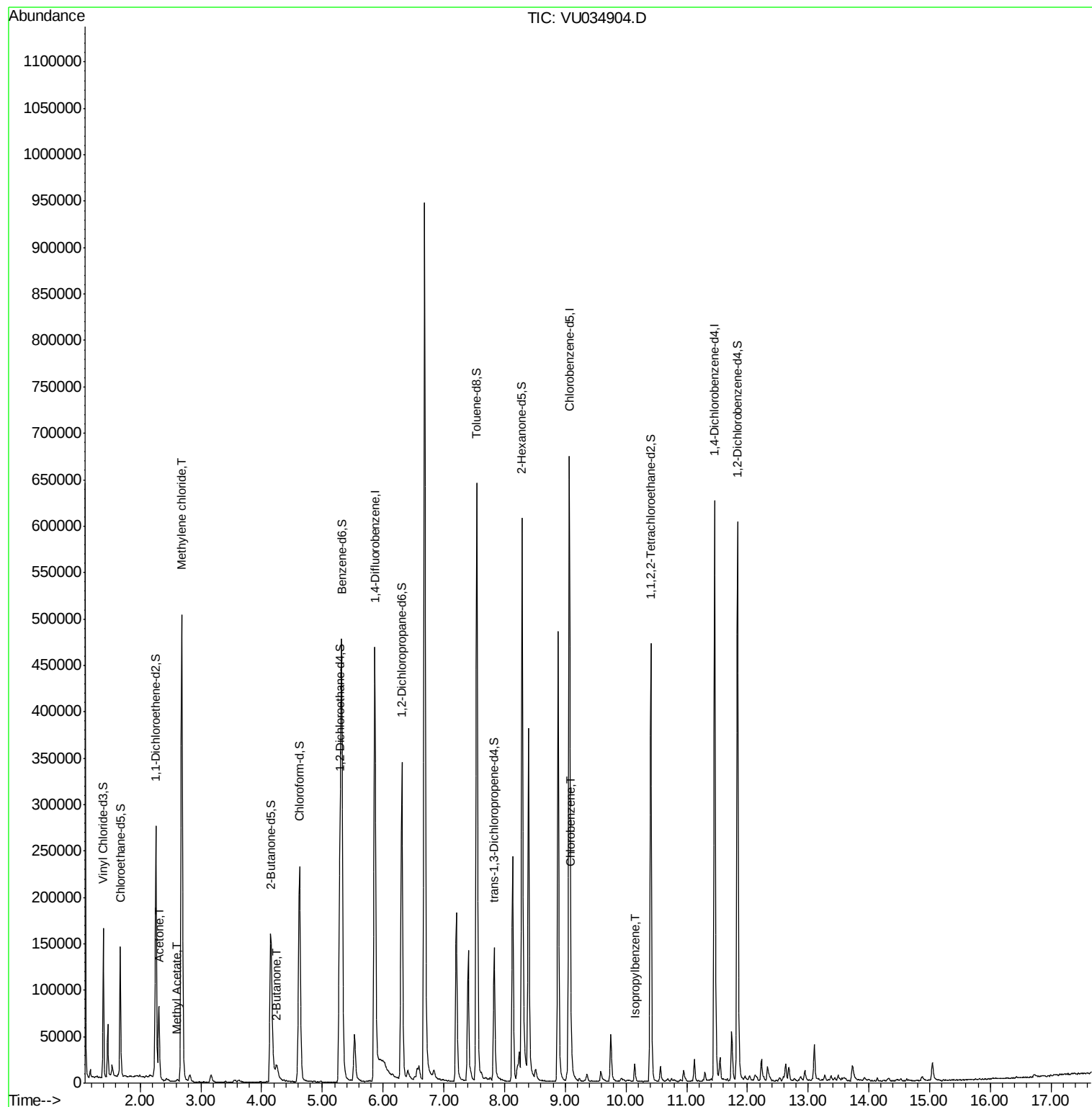
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034904.D
Acq On : 01 Oct 2019 21:41
Operator : JC/SP
Sample : K5028-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

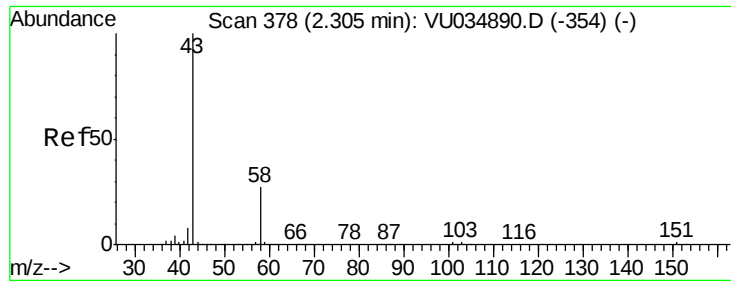
Instrument :
MSVOA_U
ClientSampleId :
BFDL8

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Quant Time: Oct 02 04:36:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 43.875 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034904.D

Acq: 01 Oct 2019 21:41

Instrument :

MSVOA_U

ClientSampleId :

BFDL8

Tot Ion: 43 Resp: 85104

Ion Ratio Lower Upper

43 100

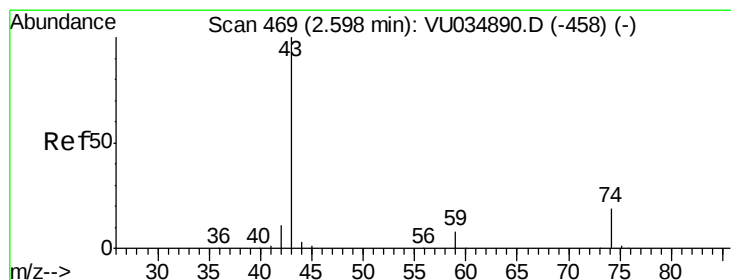
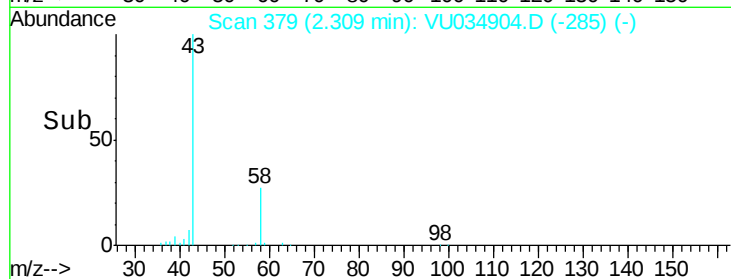
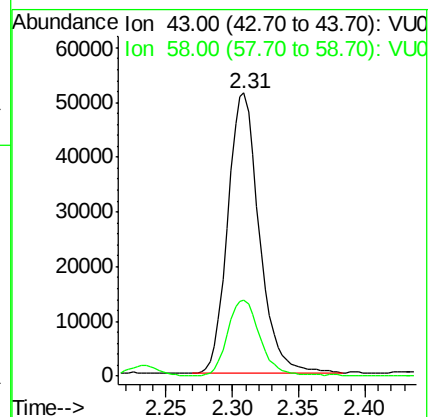
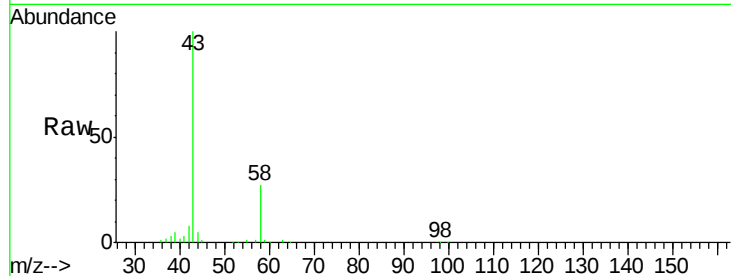
58 28.1 0.0 52.6

Manual Integrations

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#15

Methyl Acetate

Concen: 1.324 ug/L m

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU034904.D

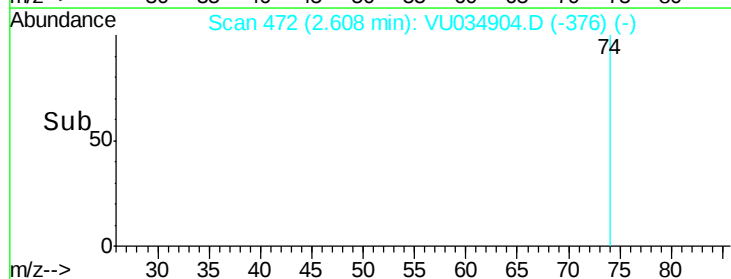
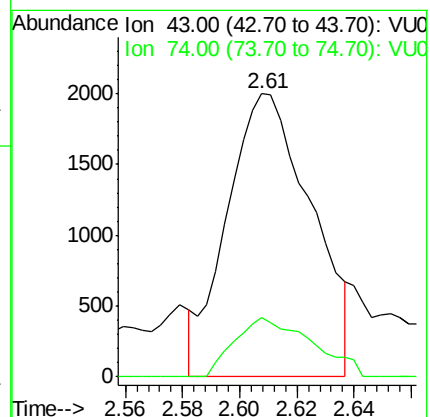
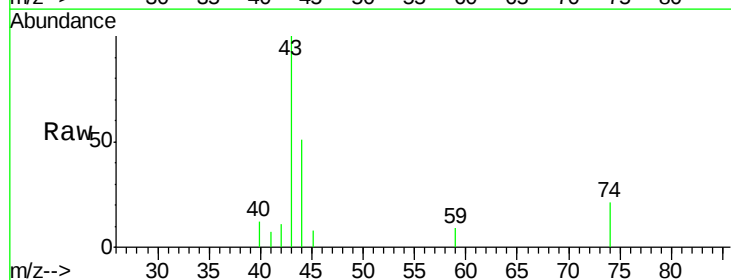
Acq: 01 Oct 2019 21:41

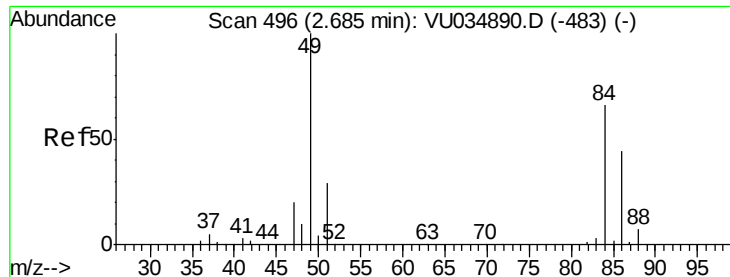
Tgt Ion: 43 Resp: 4098

Ion Ratio Lower Upper

43 100

74 4.3 15.3 22.9#





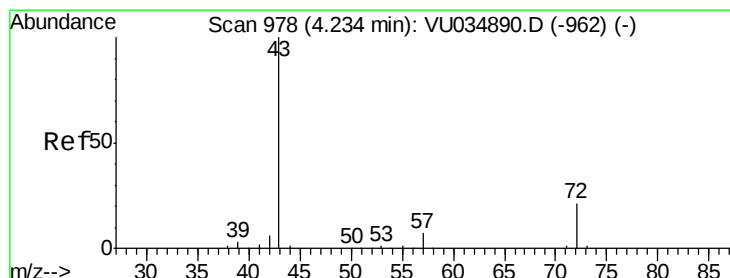
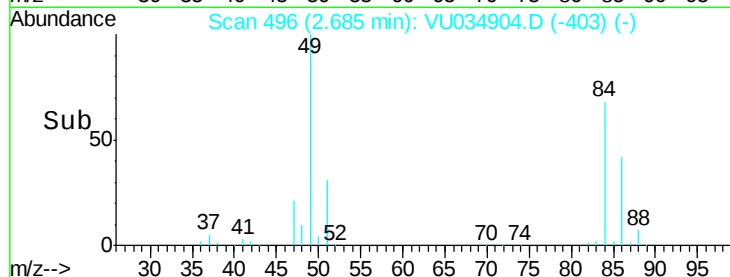
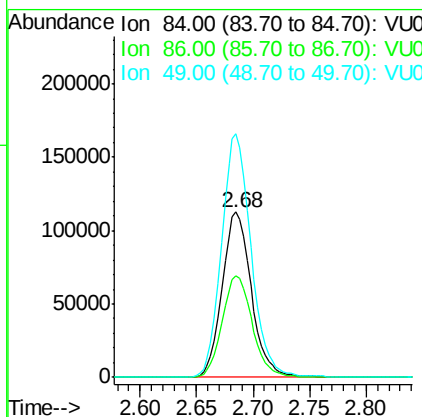
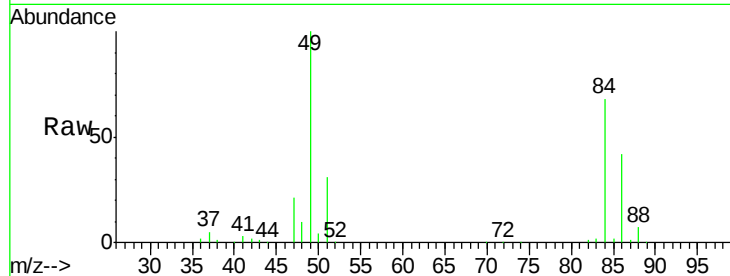
#16
Methvlene chloride
Concen: 103.784 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034904.D
Acq: 01 Oct 2019 21:41

Instrument :
MSVOA_U
ClientSampleId :
BFDL8

Tot Ion	Ratio	Lower	Upper
84	100		
86	61.4	44.7	82.9
49	147.2	100.7	186.9

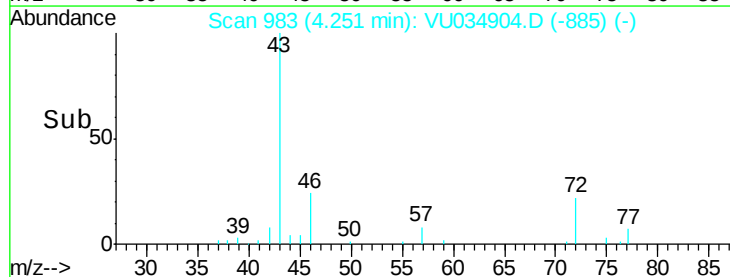
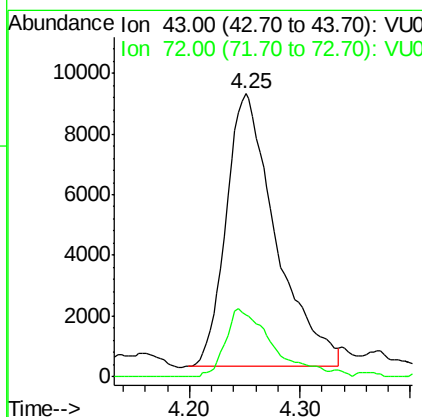
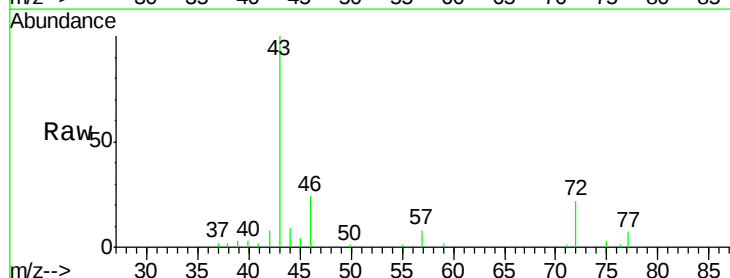
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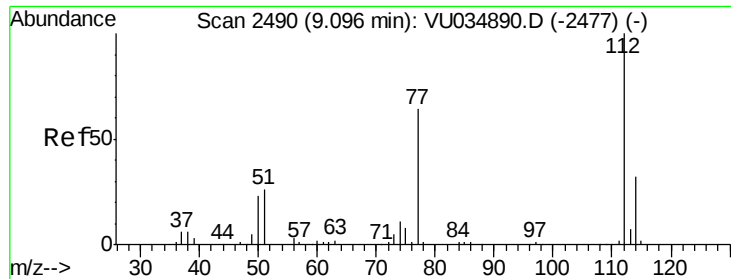
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#22
2-Butanone
Concen: 11.149 ug/L
RT: 4.25 min Scan# 983
Delta R.T. 0.02 min
Lab File: VU034904.D
Acq: 01 Oct 2019 21:41

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.6	11.2	33.6





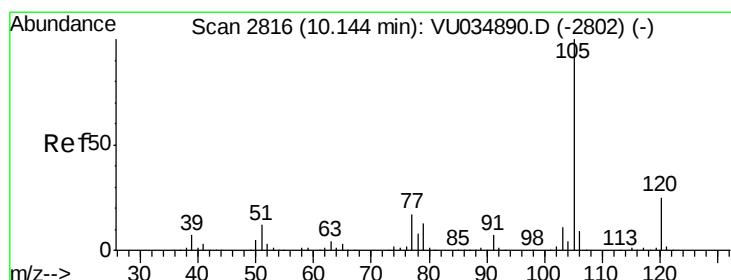
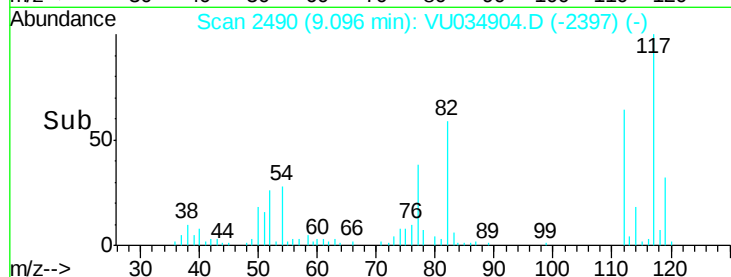
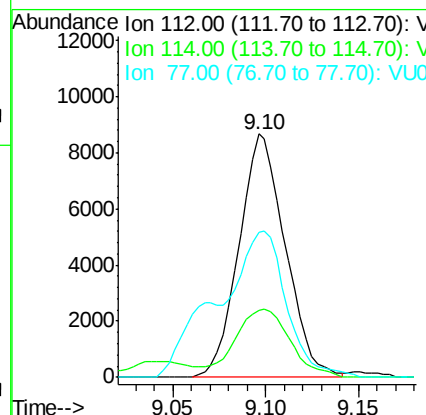
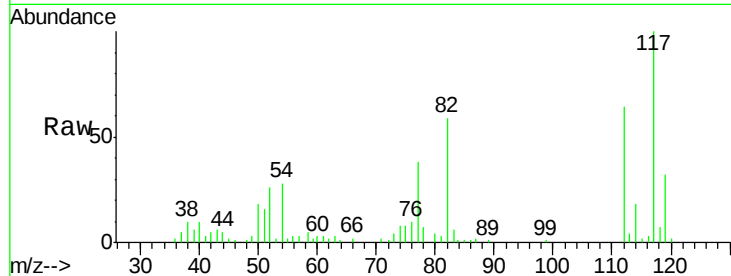
#51
Chlorobenzene
Concen: 2.781 ug/L
RT: 9.10 min Scan# 2490
Delta R.T. 0.00 min
Lab File: VU034904.D
Acq: 01 Oct 2019 21:41

Instrument :
MSVOA_U
ClientSampled :
BFDL8

Tot Ion	Ratio	Lower	Upper
112	100		
114	27.3	21.7	40.3
77	59.4	50.1	75.1

Manual Integrations
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#56
Isopropylbenzene
Concen: 1.302 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. 0.00 min
Lab File: VU034904.D
Acq: 01 Oct 2019 21:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.0	20.2	30.4
77	16.6	13.7	20.5

