Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031033.D
Acq On : 10 Apr 2019 23:46
Operator : JC/SP
Sample : K2299-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6X8

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:44:51 PM

Quant Time: Apr 11 07:52:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	560666	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	551680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	253069	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	247276	49.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.82%			
7) Chloroethane-d5	1.68	69	196866	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.66%			
11) 1,1-Dichloroethene-d2	2.27	63	335876m	37.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.20%			
21) 2-Butanone-d5	4.17	46	408726	103.04	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.04%			
24) Chloroform-d	4.64	84	401284	52.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.98%			
26) 1,2-Dichloroethane-d4	5.30	65	274561	52.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.26%			
32) Benzene-d6	5.33	84	822509	51.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.14%			
36) 1,2-Dichloropropane-d6	6.32	67	280062	50.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.48%			
41) Toluene-d8	7.56	98	714052	50.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.04%			
43) trans-1,3-Dichloropropene-	7.85	79	123202	48.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.90%			
47) 2-Hexanone-d5	8.31	63	257197	101.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.96%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	382782	51.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.84%			
64) 1,2-Dichlorobenzene-d4	11.85	152	273955	55.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.08%			
Target Compounds						Qvalue
13) Acetone	2.32	43	15989	3.939	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	14177	3.120	ug/L	94
34) Trichloroethene	6.19	95	2042	0.461	ug/L	83
35) Methylcyclohexane	6.41	83	6050	0.885	ug/L	96
56) Isopropylbenzene	10.16	105	17578	0.958	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	3800	0.475	ug/L	98

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

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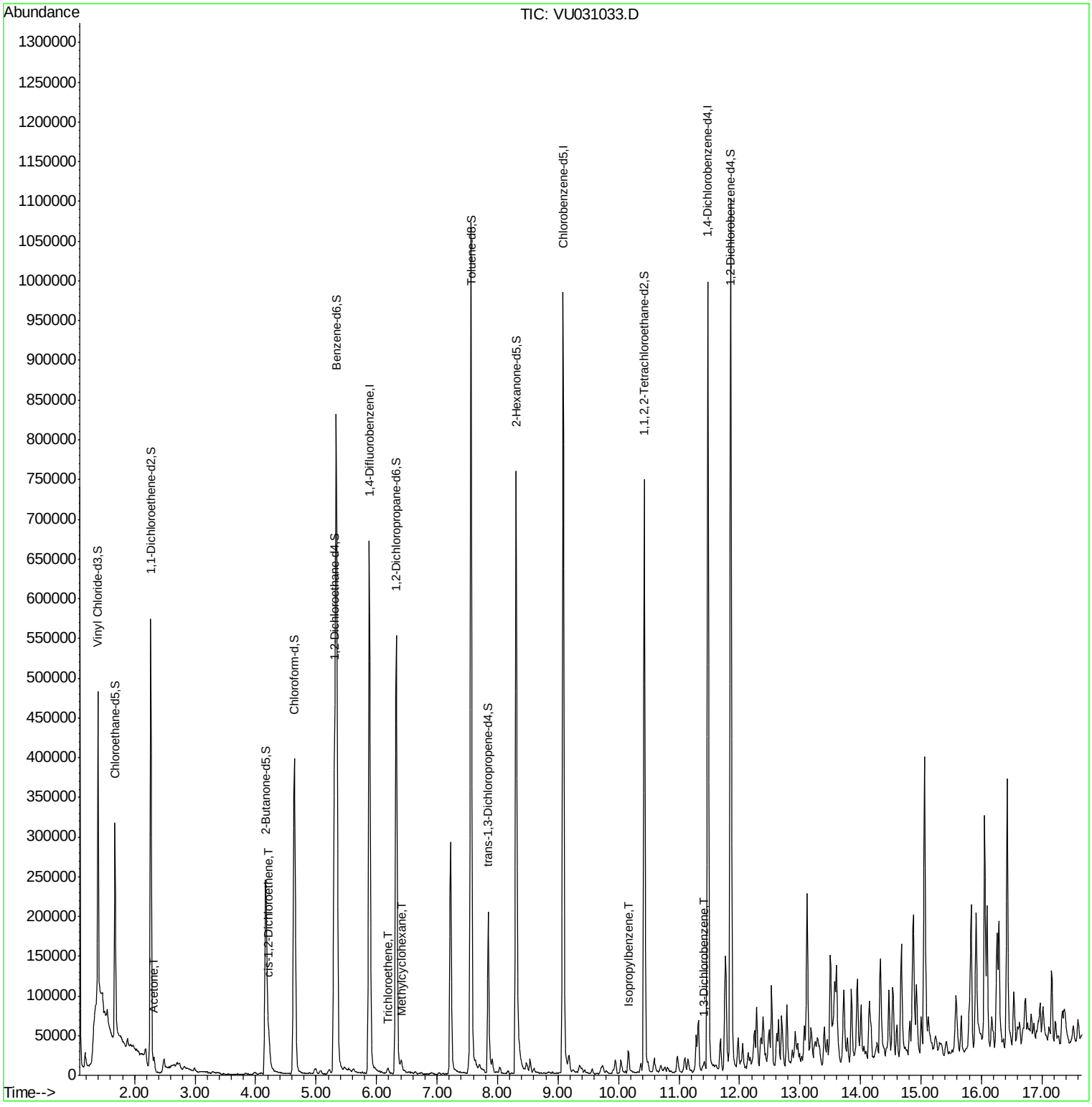

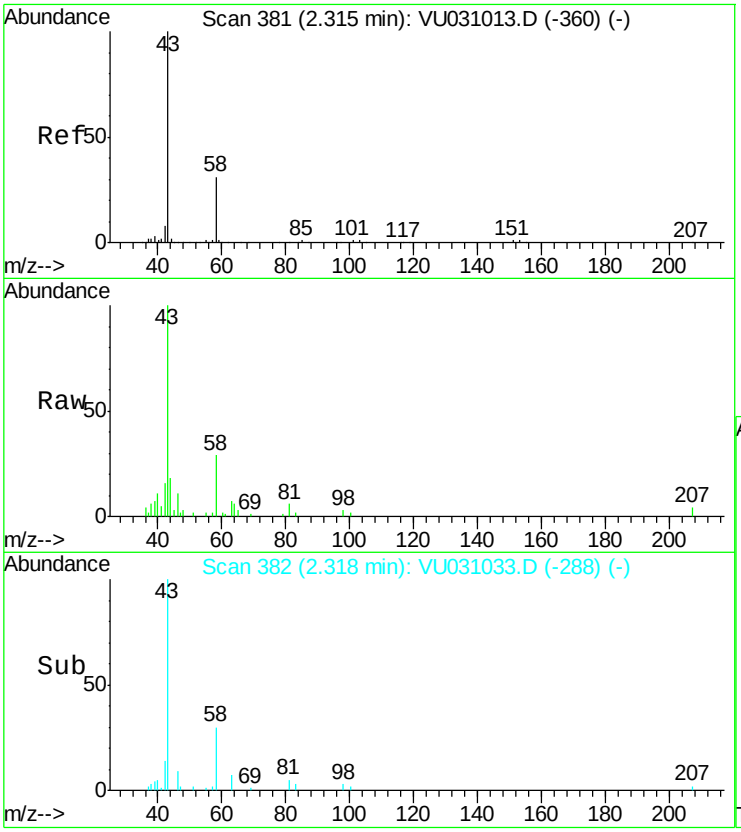

#13
Acetone
Concen: 3.939 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU031033.D
Acq: 10 Apr 2019 23:46

Tgt Ion: 43 Resp: 15989

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	64.0

Instrument :
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ClientSampleId :
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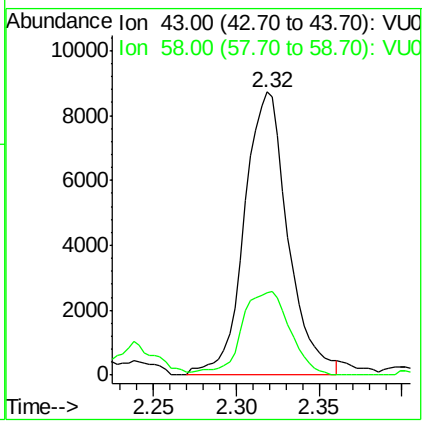
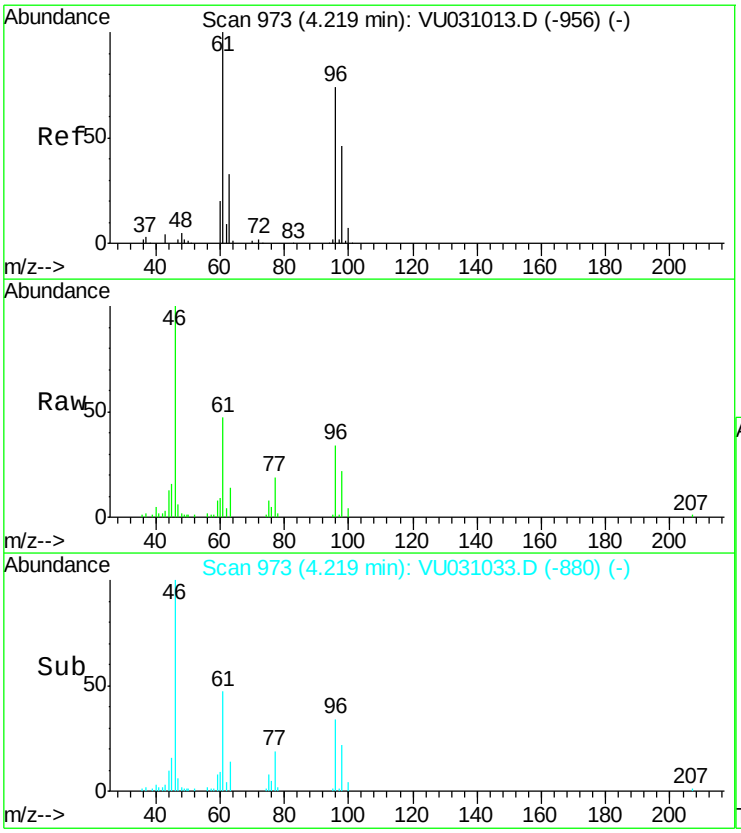
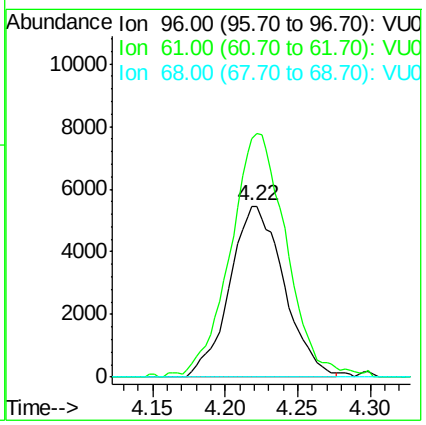


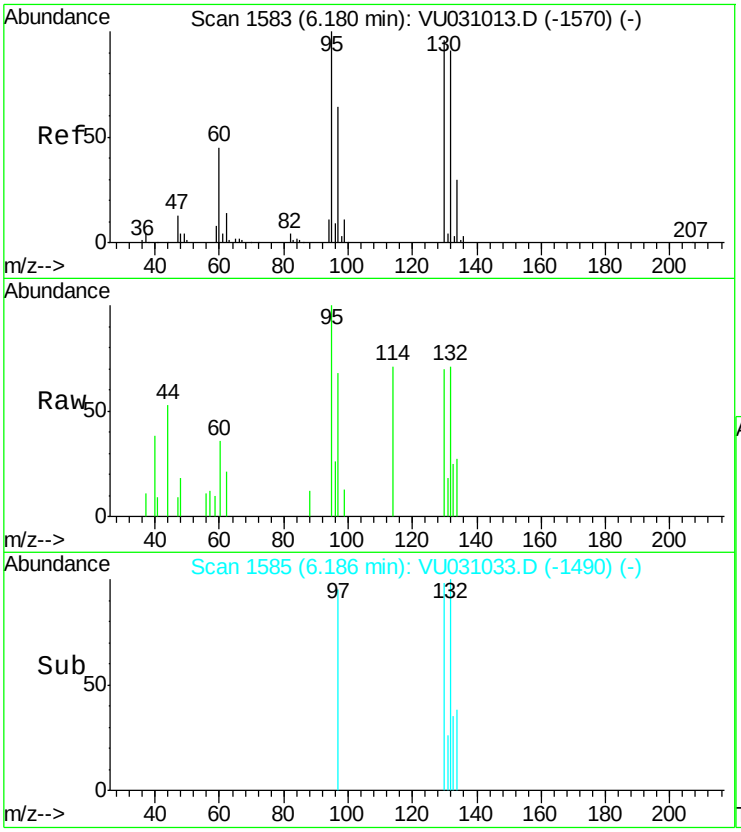


#20
cis-1,2-Dichloroethene
Concen: 3.120 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031033.D
Acq: 10 Apr 2019 23:46

Tgt Ion: 96 Resp: 14177

Ion	Ratio	Lower	Upper
96	100		
61	139.1	102.9	191.1
68	0.0	0.0	0.0

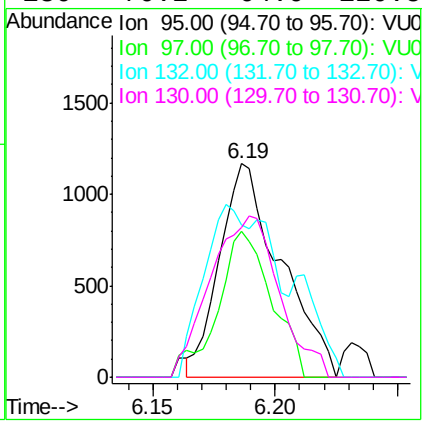




#34
Trichloroethene
Concen: 0.461 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031033.D
Acq: 10 Apr 2019 23:46

Tgt Ion: 95 Resp: 2042

Ion	Ratio	Lower	Upper
95	100		
97	68.1	44.5	82.7
132	71.5	61.5	114.1
130	70.2	64.9	120.5



Instrument :
MSVOA_U
ClientSampleId :
DB6X8

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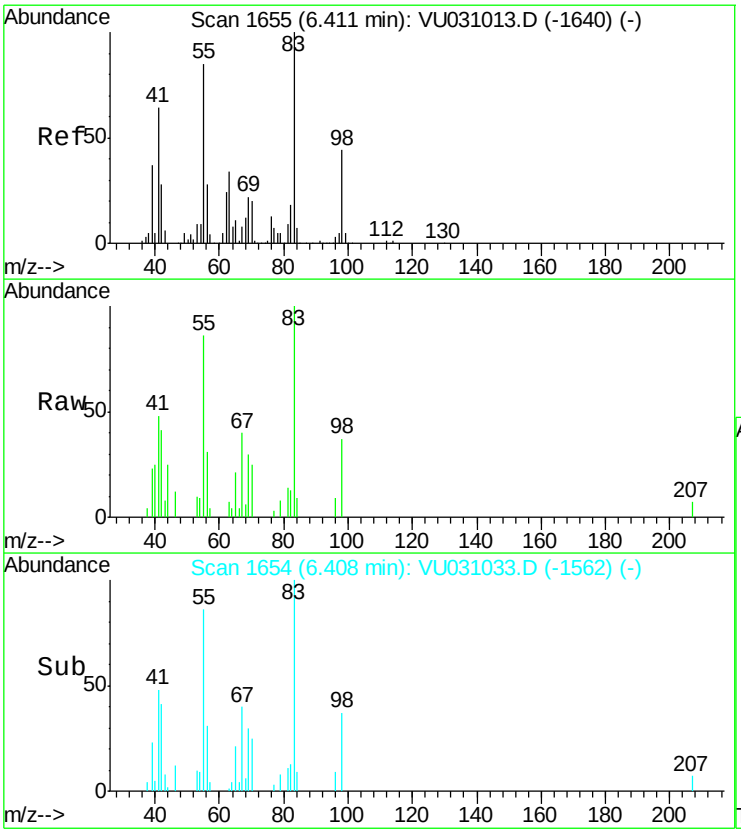
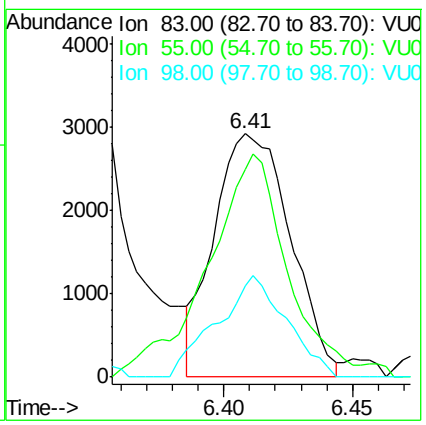
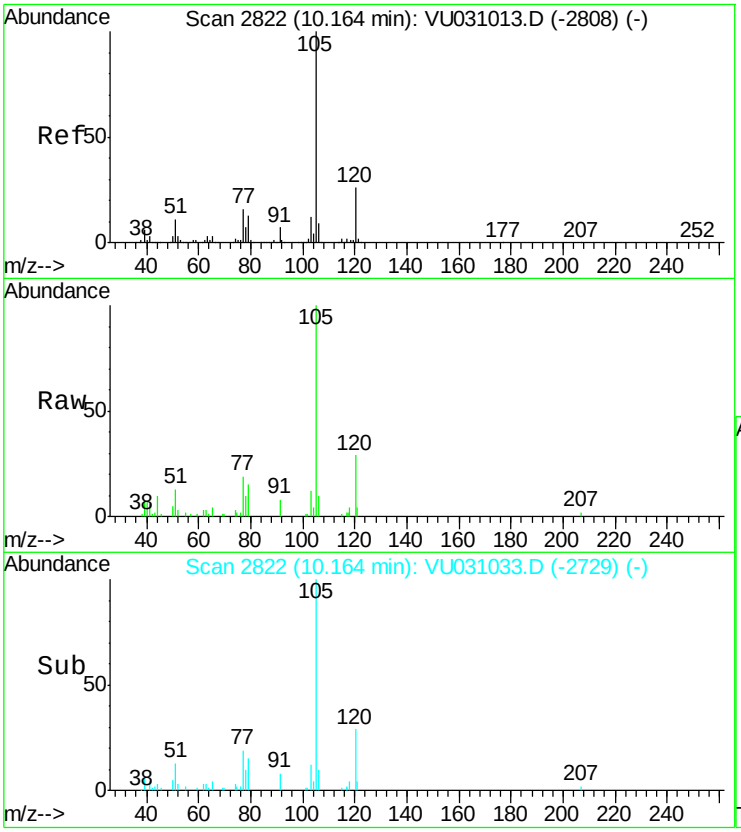


#35
Methylcyclohexane
Concen: 0.885 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU031033.D
Acq: 10 Apr 2019 23:46

Tgt Ion: 83 Resp: 6050

Ion	Ratio	Lower	Upper
83	100		
55	88.5	71.6	107.4
98	37.8	35.4	53.0

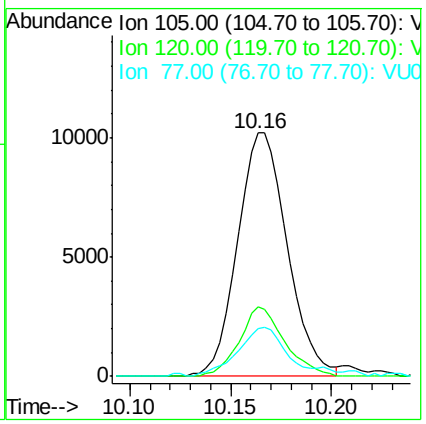




#56
Isopropylbenzene
Concen: 0.958 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU031033.D
Acq: 10 Apr 2019 23:46

Tgt Ion:105 Resp: 17578

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.4	30.6
77	19.2	13.4	20.2



Instrument :
MSVOA_U
ClientSampleId :
DB6X8

Manual Integrations APPROVED
MMDadoda
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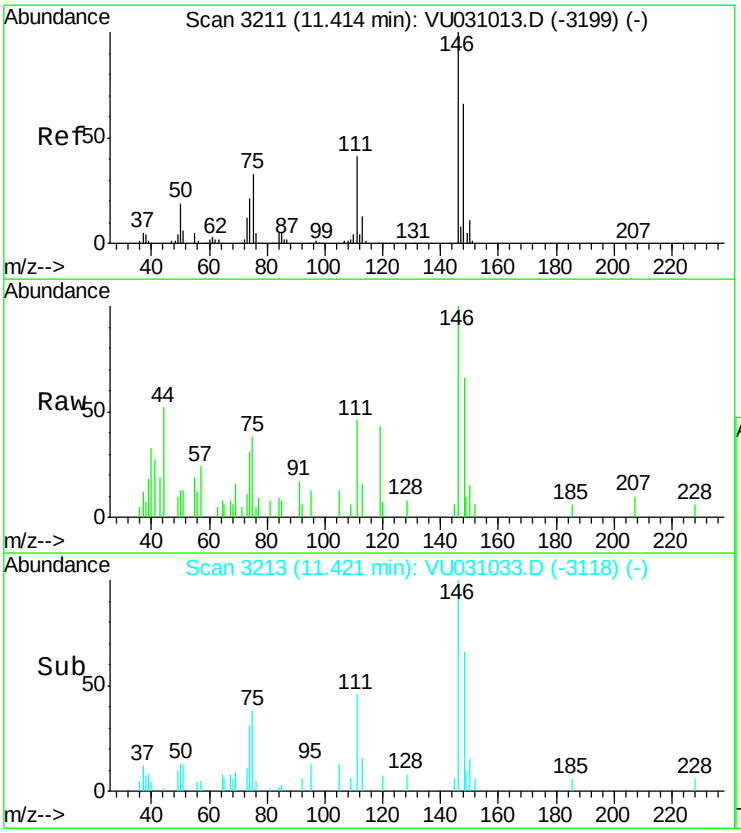

#62
1,3-Dichlorobenzene
Concen: 0.475 ug/L
RT: 11.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: VU031033.D
Acq: 10 Apr 2019 23:46

Tgt Ion:146 Resp: 3800

Ion	Ratio	Lower	Upper
146	100		
111	45.9	30.9	57.5
148	65.7	44.7	82.9