Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034830.D
Acq On : 26 Sep 2019 02:12
Operator : JC/SP
Sample : K4983-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL4

Manual Integrations APPROVED
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Quant Time: Sep 26 09:38:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 06:56:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	405478	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	387726	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	181593	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	183221	44.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.28%			
7) Chloroethane-d5	1.67	69	170489	53.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.28%			
11) 1,1-Dichloroethene-d2	2.26	63	246551	35.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.14%			
21) 2-Butanone-d5	4.15	46	416454	130.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 130.90%#			
24) Chloroform-d	4.62	84	320397m	53.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.18%			
26) 1,2-Dichloroethane-d4	5.29	65	224805	50.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.36%			
32) Benzene-d6	5.32	84	676876	56.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.64%			
36) 1,2-Dichloropropane-d6	6.31	67	241971	57.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.22%			
41) Toluene-d8	7.54	98	653223	57.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.26%			
43) trans-1,3-Dichloropropene-	7.83	79	101078	50.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.48%			
47) 2-Hexanone-d5	8.29	63	287429	136.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 136.24%#			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	337627	57.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 115.86%			
64) 1,2-Dichlorobenzene-d4	11.84	152	234596	61.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.22%#			
Target Compounds						Qvalue
13) Acetone	2.31	43	152454	41.195	ug/L	97
15) Methyl Acetate	2.60	43	8334	1.686	ug/L	94
16) Methylene chloride	2.68	84	3112469	926.202	ug/L	96
22) 2-Butanone	4.25	43	58438	13.273	ug/L	99
33) Benzene	5.37	78	56865	4.229	ug/L	100
42) Toluene	7.62	91	102852	7.077	ug/L	97
51) Chlorobenzene	9.10	112	18105	2.049	ug/L	92
52) Ethylbenzene	9.23	91	51483	3.146	ug/L	96
53) m,p-Xylene	9.35	106	228775	39.468	ug/L	95
54) o-xylene	9.76	106	91635	15.983	ug/L	89
56) Isopropylbenzene	10.14	105	35692	2.309	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	16120	2.516	ug/L	94
65) 1,2-Dichlorobenzene	11.86	146	53684	8.449	ug/L	98

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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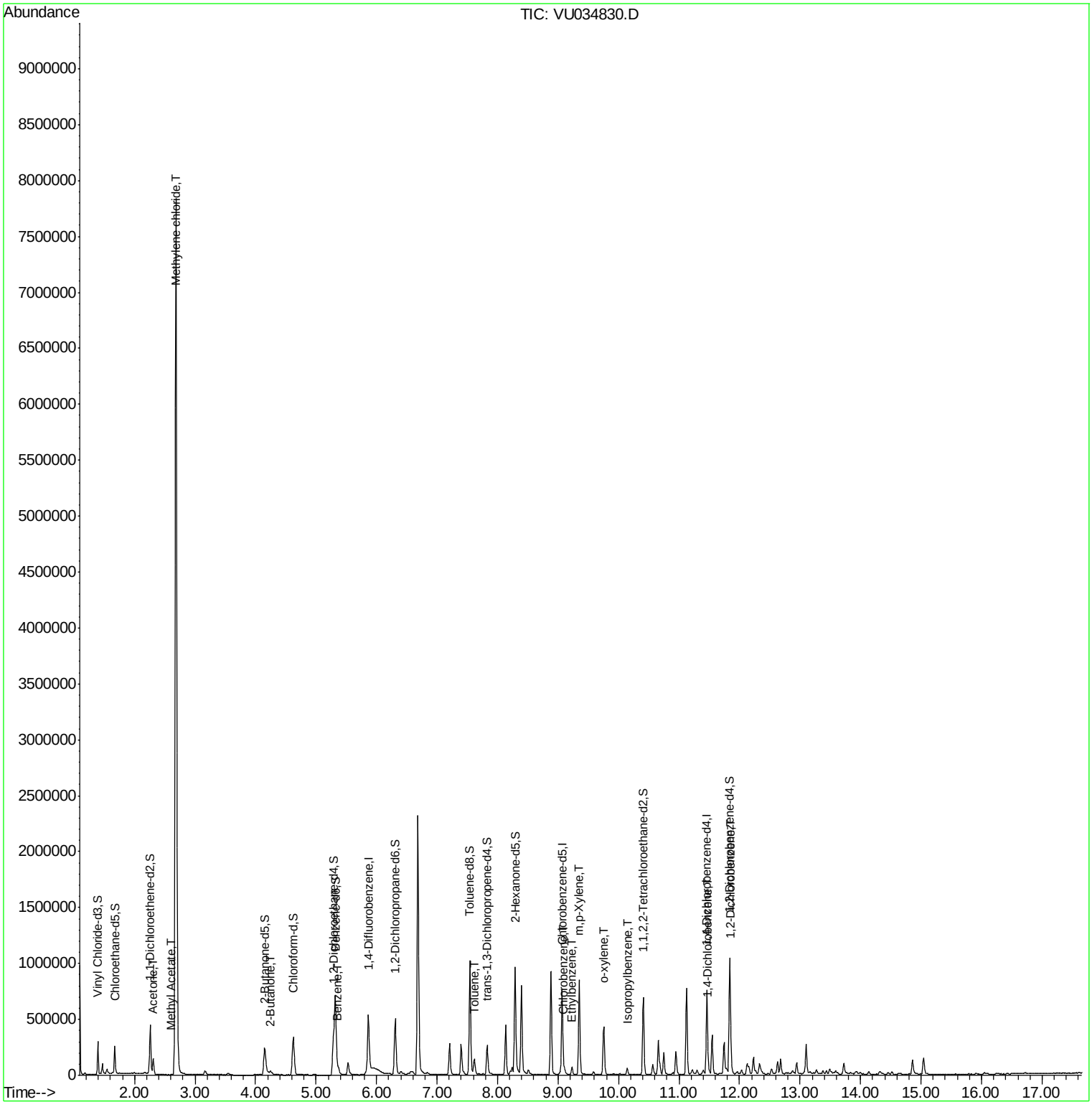
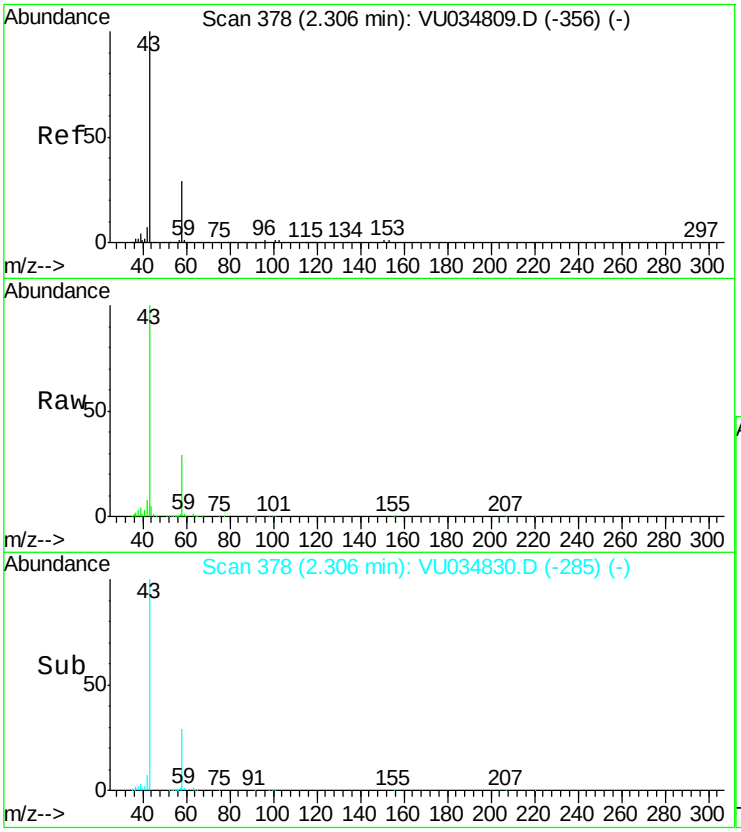
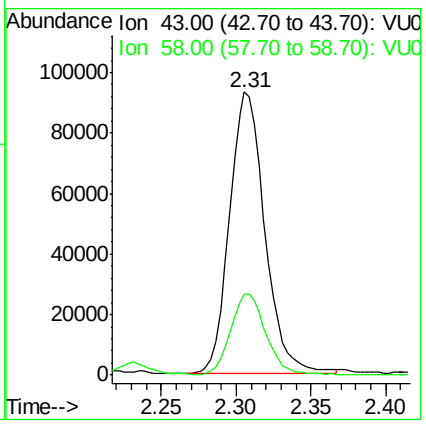




#13
Acetone
Concen: 41.195 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion: 43 Resp: 152454

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	53.4



Instrument :
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ClientSampleId :
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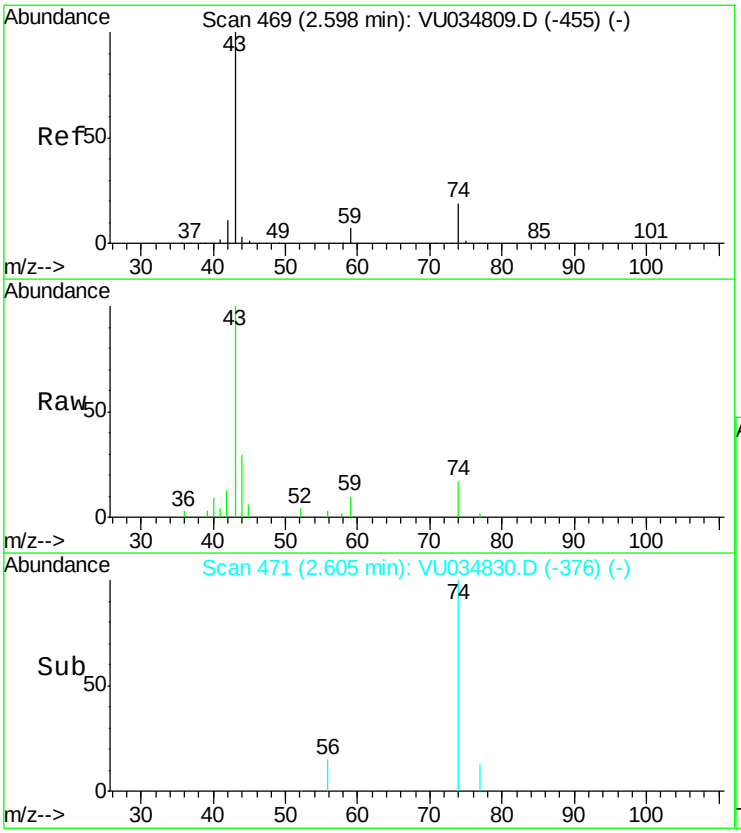
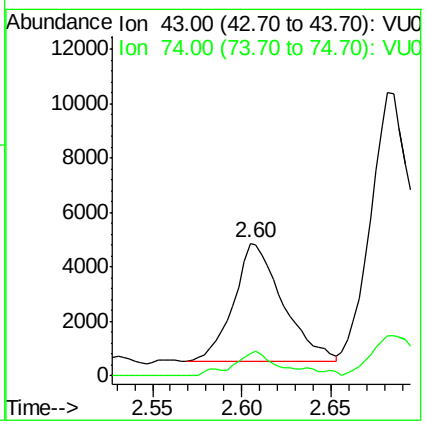
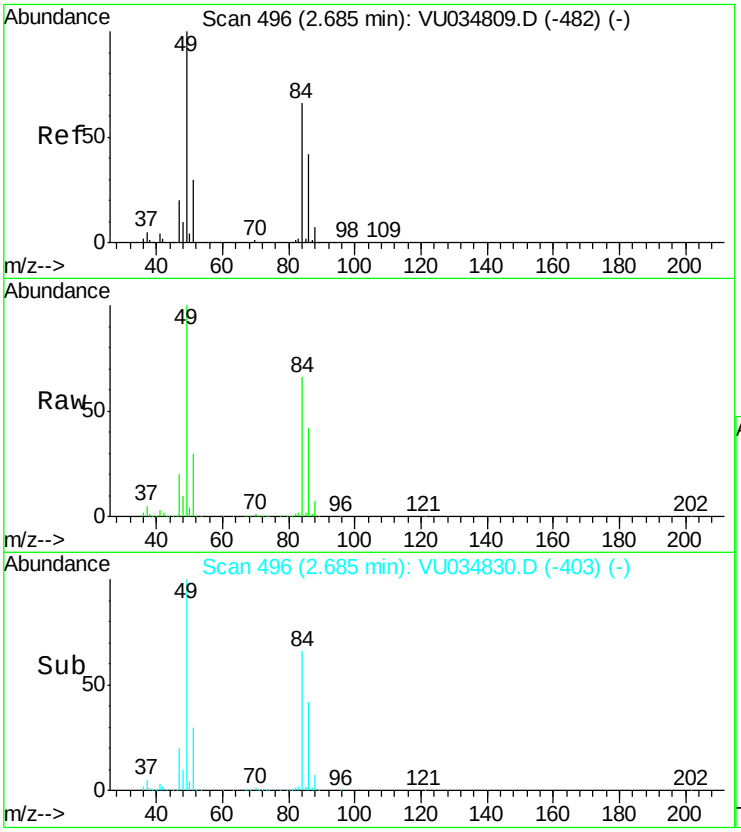


#15
Methyl Acetate
Concen: 1.686 ug/L
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion: 43 Resp: 8334

Ion	Ratio	Lower	Upper
43	100		
74	15.2	14.4	21.6

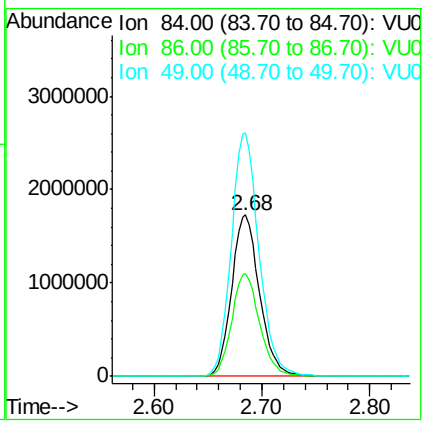




#16
Methylene chloride
Concen: 926.202 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion: 84 Resp: 3112469

Ion	Ratio	Lower	Upper
84	100		
86	63.8	43.0	80.0
49	150.9	109.7	203.7



Instrument :
MSVOA_U
ClientSampleId :
BFDL4

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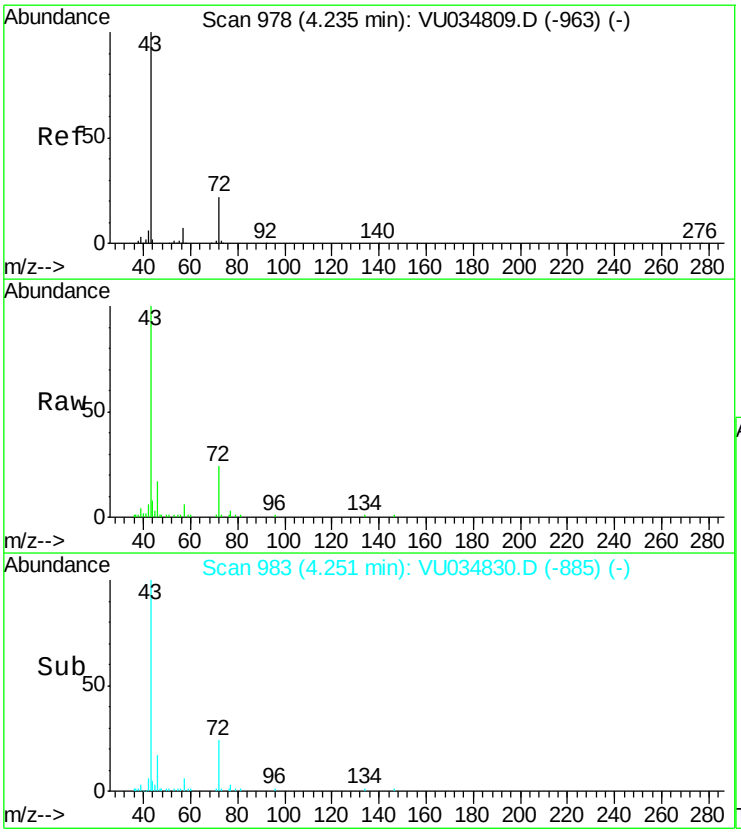
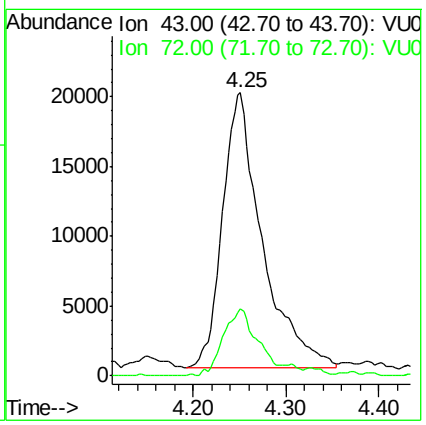
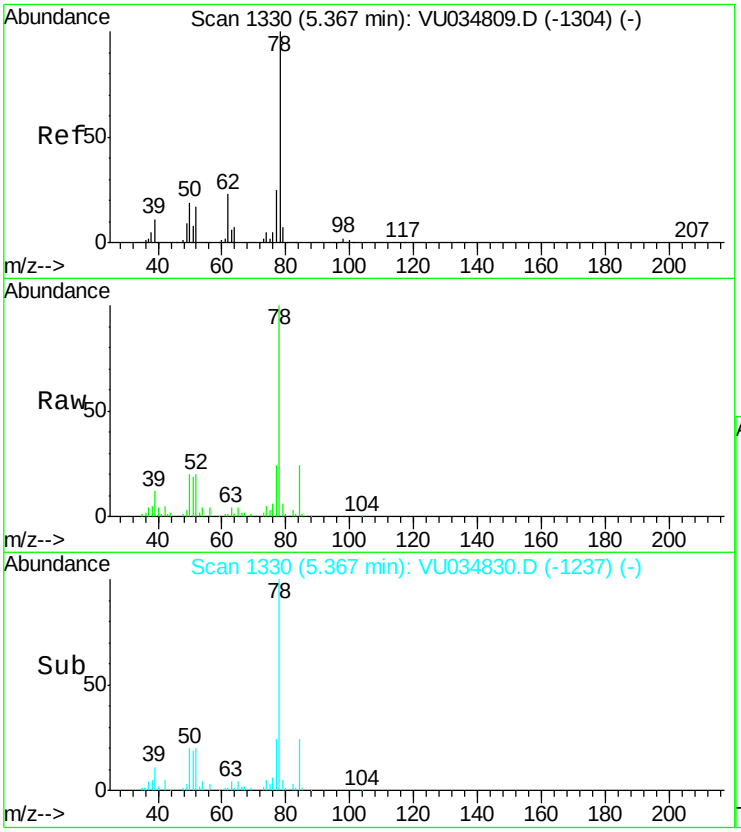


#22
2-Butanone
Concen: 13.273 ug/L
RT: 4.25 min Scan# 983
Delta R.T. 0.02 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion: 43 Resp: 58438

Ion	Ratio	Lower	Upper
43	100		
72	20.7	10.2	30.6





#33
Benzene
Concen: 4.229 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion: 78 Resp: 56865

Instrument :
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ClientSampleId :
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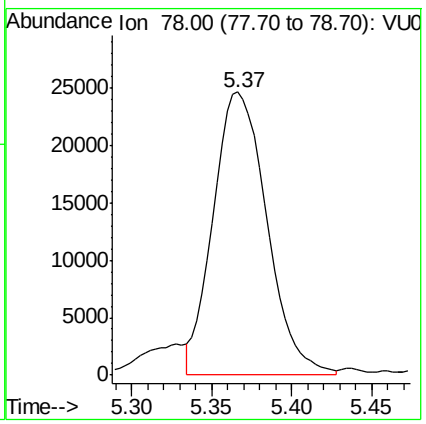
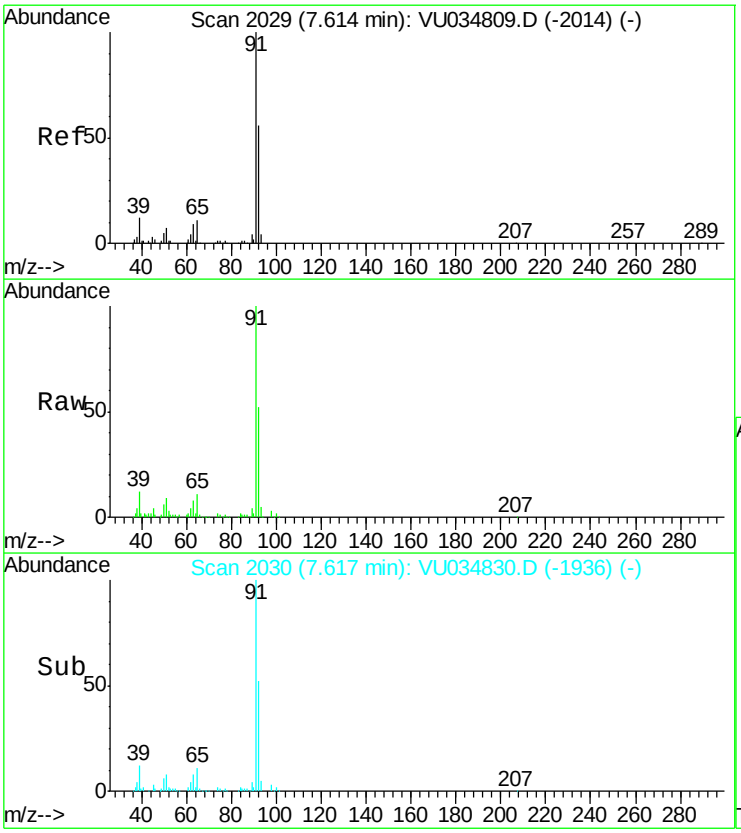
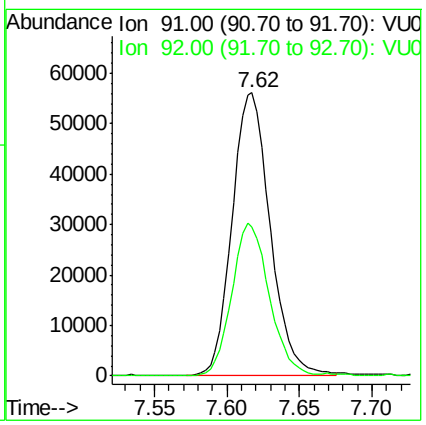


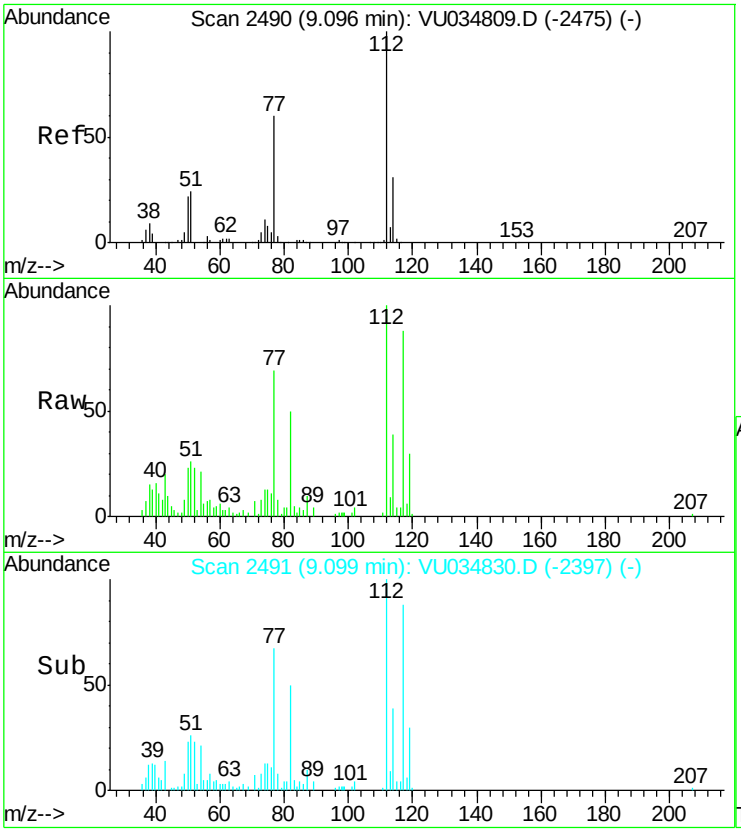


#42
Toluene
Concen: 7.077 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion: 91 Resp: 102852

Ion	Ratio	Lower	Upper
91	100		
92	52.4	38.2	71.0

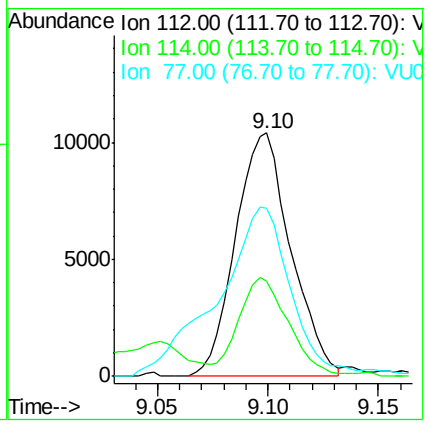




#51
Chlorobenzene
Concen: 2.049 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion:112 Resp: 18105

Ion	Ratio	Lower	Upper
112	100		
114	39.1	22.8	42.4
77	69.1	51.5	77.3



Instrument :
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ClientSampleId :
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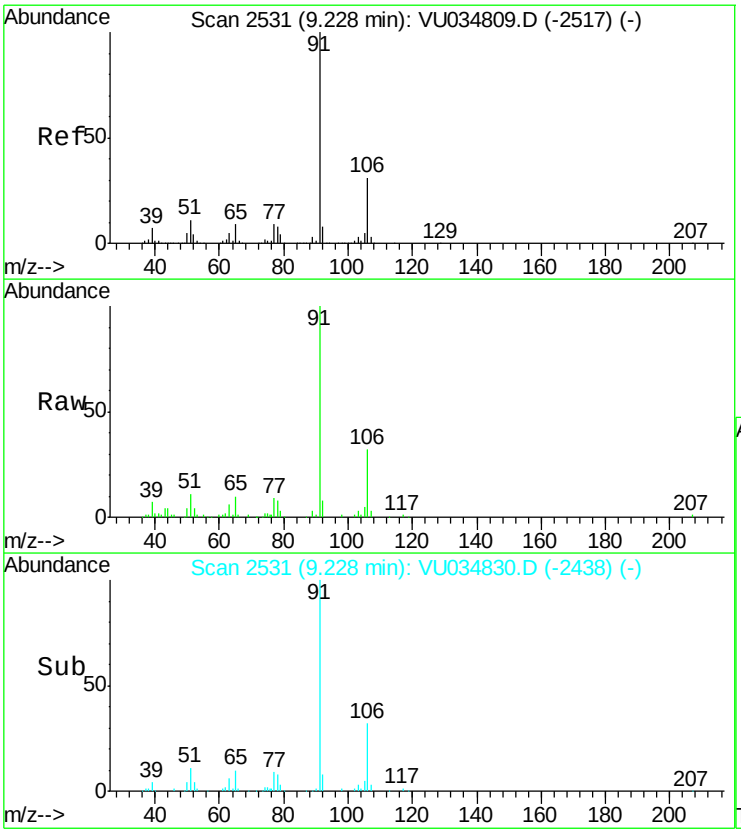
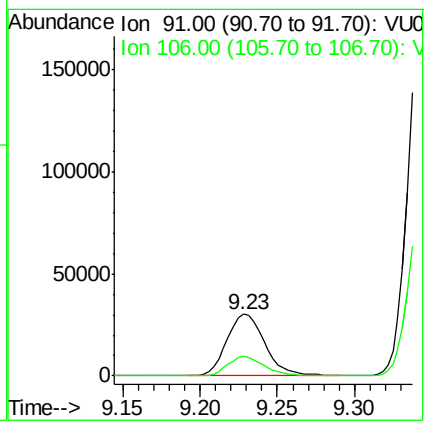
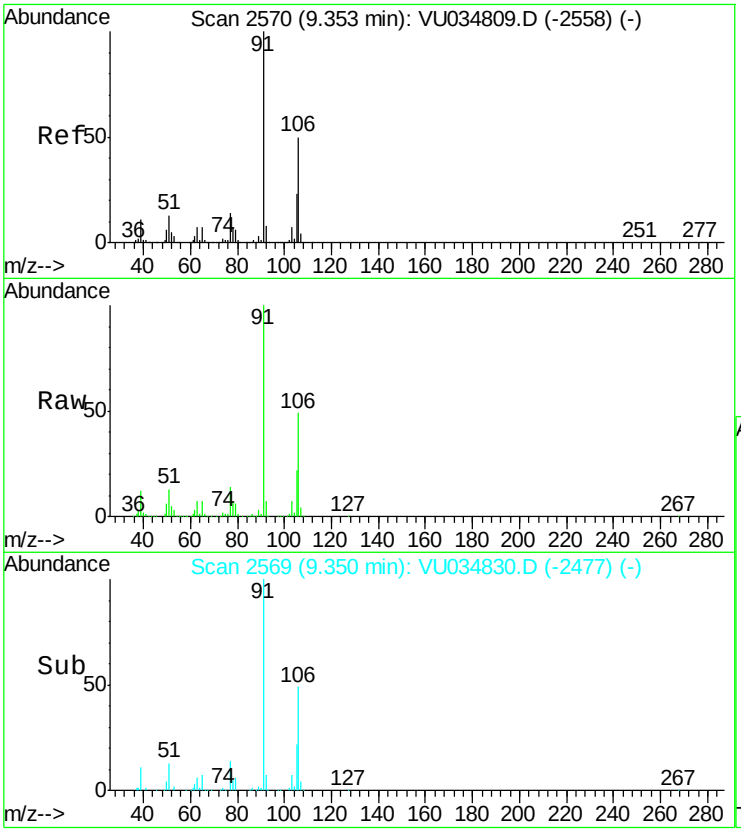


#52
Ethylbenzene
Concen: 3.146 ug/L
RT: 9.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion: 91 Resp: 51483

Ion	Ratio	Lower	Upper
91	100		
106	31.7	20.6	38.4

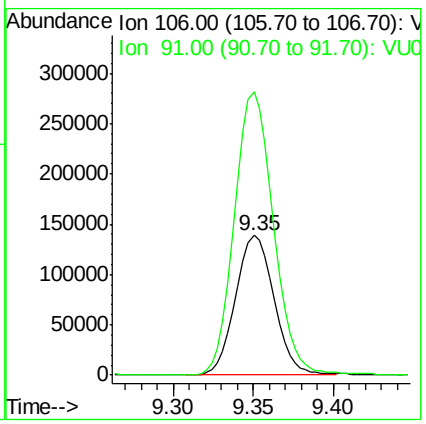




#53
m,p-Xylene
Concen: 39.468 ug/L
RT: 9.35 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion:106 Resp: 228775

Ion	Ratio	Lower	Upper
106	100		
91	202.5	146.9	272.7



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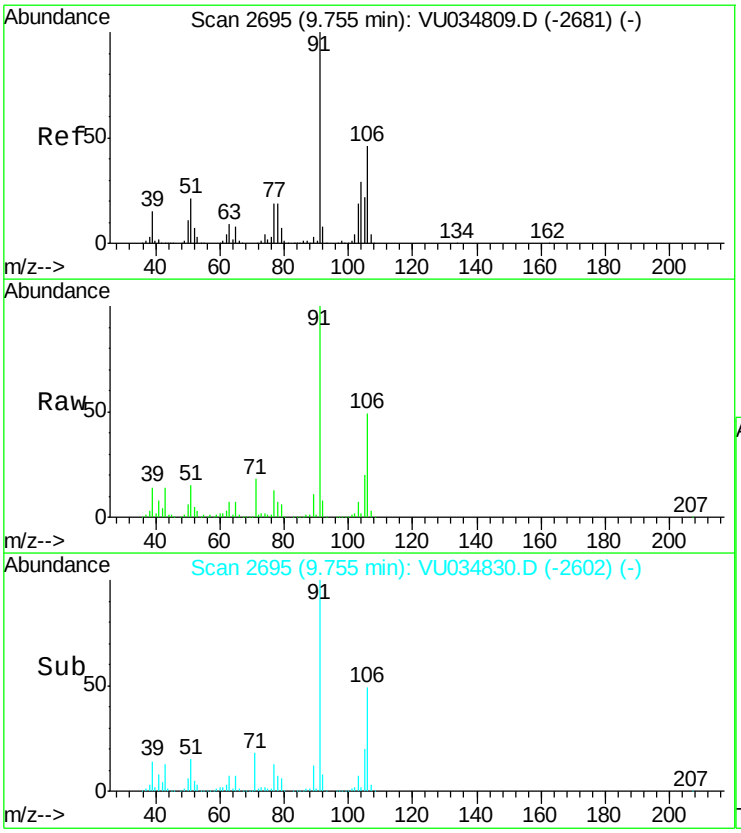
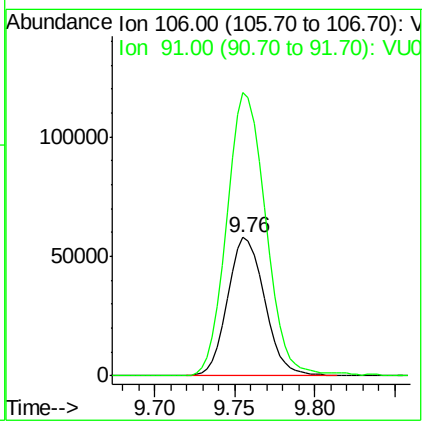
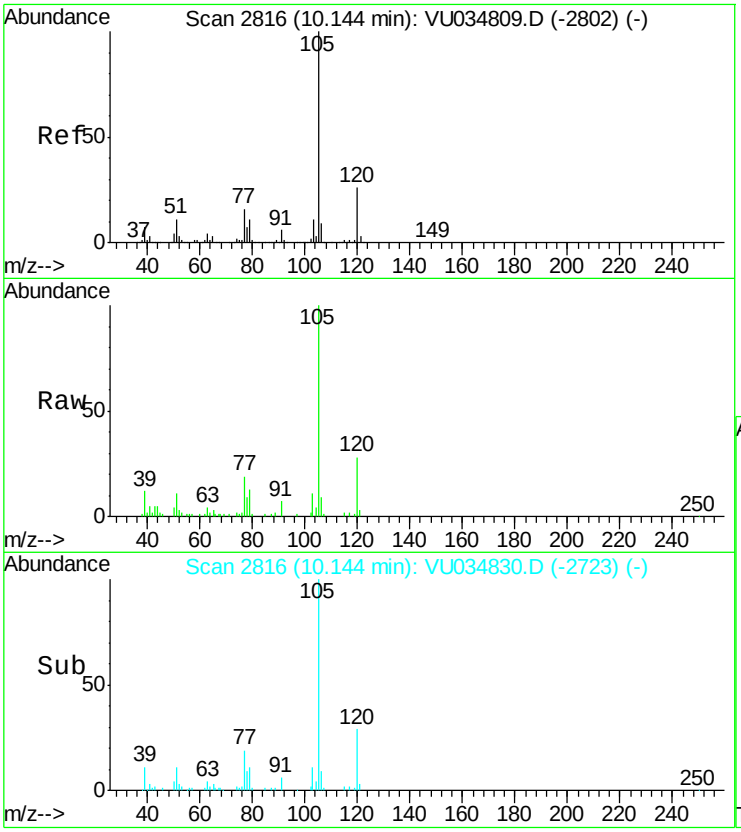


#54
o-xylene
Concen: 15.983 ug/L
RT: 9.76 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion:106 Resp: 91635

Ion	Ratio	Lower	Upper
106	100		
91	204.6	155.6	289.0

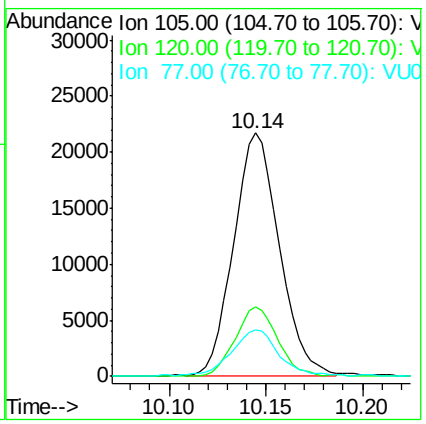




#56
Isopropylbenzene
Concen: 2.309 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion:105 Resp: 35692

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.4	30.6
77	19.9	14.2	21.4



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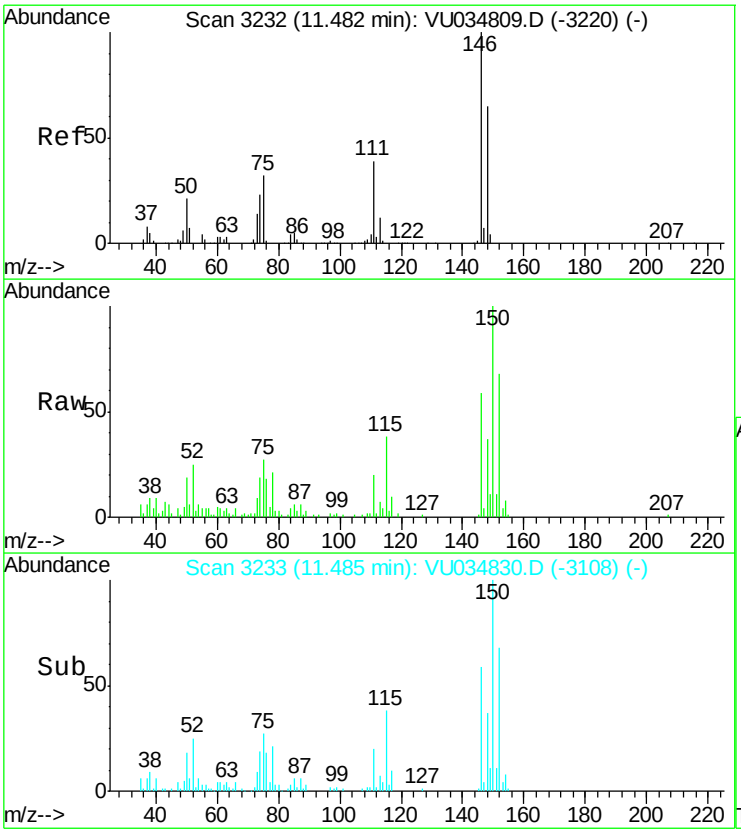
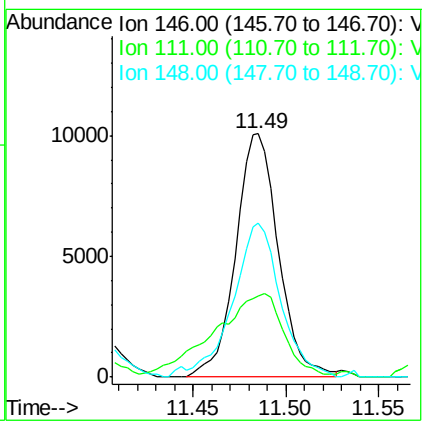
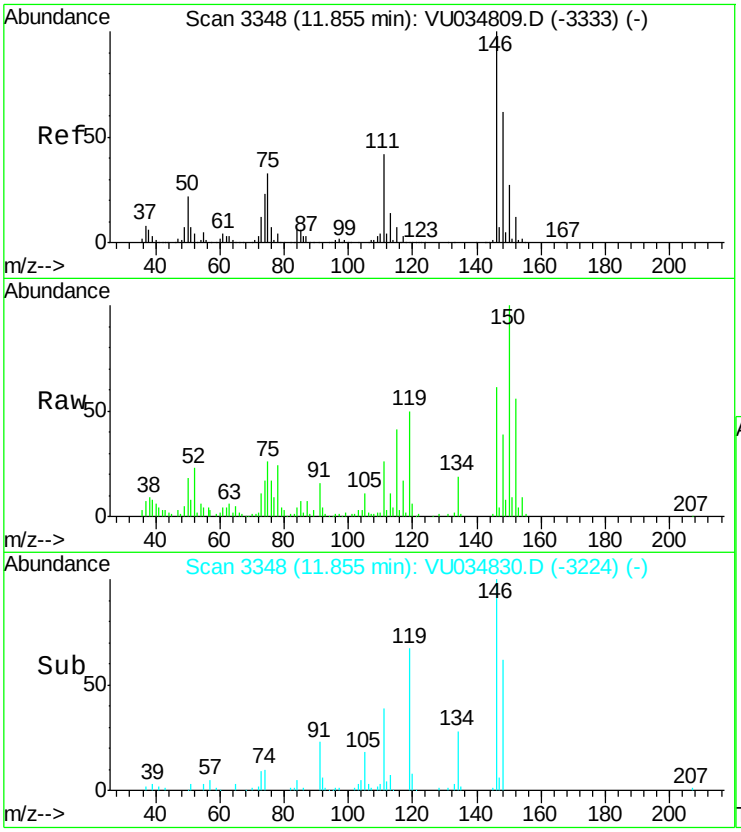


#63
1,4-Dichlorobenzene
Concen: 2.516 ug/L
RT: 11.49 min Scan# 3233
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion:146 Resp: 16120

Ion	Ratio	Lower	Upper
146	100		
111	33.3	29.5	54.9
148	63.3	44.4	82.4

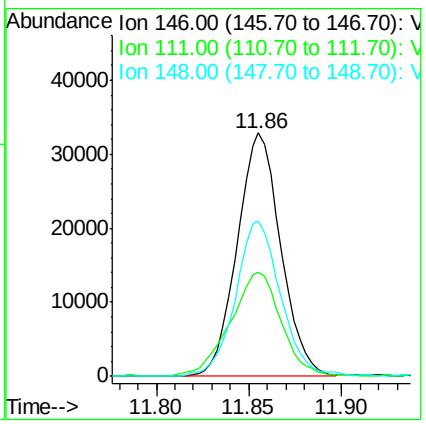




#65
1,2-Dichlorobenzene
Concen: 8.449 ug/L
RT: 11.86 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VU034830.D
Acq: 26 Sep 2019 02:12

Tgt Ion:146 Resp: 53684

Ion	Ratio	Lower	Upper
146	100		
111	43.0	35.2	52.8
148	63.9	53.0	79.6



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