Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031899.D
Acq On : 10 May 2019 19:32
Operator : JC/SP
Sample : K2742-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C26DL

Manual Integrations APPROVED
MMDadoda
5/11/2019 11:49:10 AM

Quant Time: May 11 03:52:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1001160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1002780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	388135	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	372317	44.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.86%			
7) Chloroethane-d5	1.67	69	323381m	49.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.88%			
11) 1,1-Dichloroethene-d2	2.26	63	522257	31.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.60%			
21) 2-Butanone-d5	4.17	46	671318	88.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.43%			
24) Chloroform-d	4.64	84	689064	44.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.30	65	463649	46.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.50%			
32) Benzene-d6	5.33	84	1414794	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.90%			
36) 1,2-Dichloropropane-d6	6.32	67	483509	44.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.26%			
41) Toluene-d8	7.56	98	1185202	44.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.38%			
43) trans-1,3-Dichloropropene-	7.85	79	198593	42.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.40%			
47) 2-Hexanone-d5	8.31	63	469157	100.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.05%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	695312	47.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.64%			
64) 1,2-Dichlorobenzene-d4	11.85	152	420556	51.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.04%			
Target Compounds						Qvalue
13) Acetone	2.32	43	20872	2.441	ug/L	96
51) Chlorobenzene	9.12	112	98455	4.537	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	10217	0.795	ug/L	92
63) 1,4-Dichlorobenzene	11.50	146	85575	6.431	ug/L	95
65) 1,2-Dichlorobenzene	11.87	146	516979	37.861	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	51767	6.795	ug/L	91
70) 1,2,3-Trichlorobenzene	13.99	180	46054	5.310	ug/L	94

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

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Instrument :
MSVOA_U
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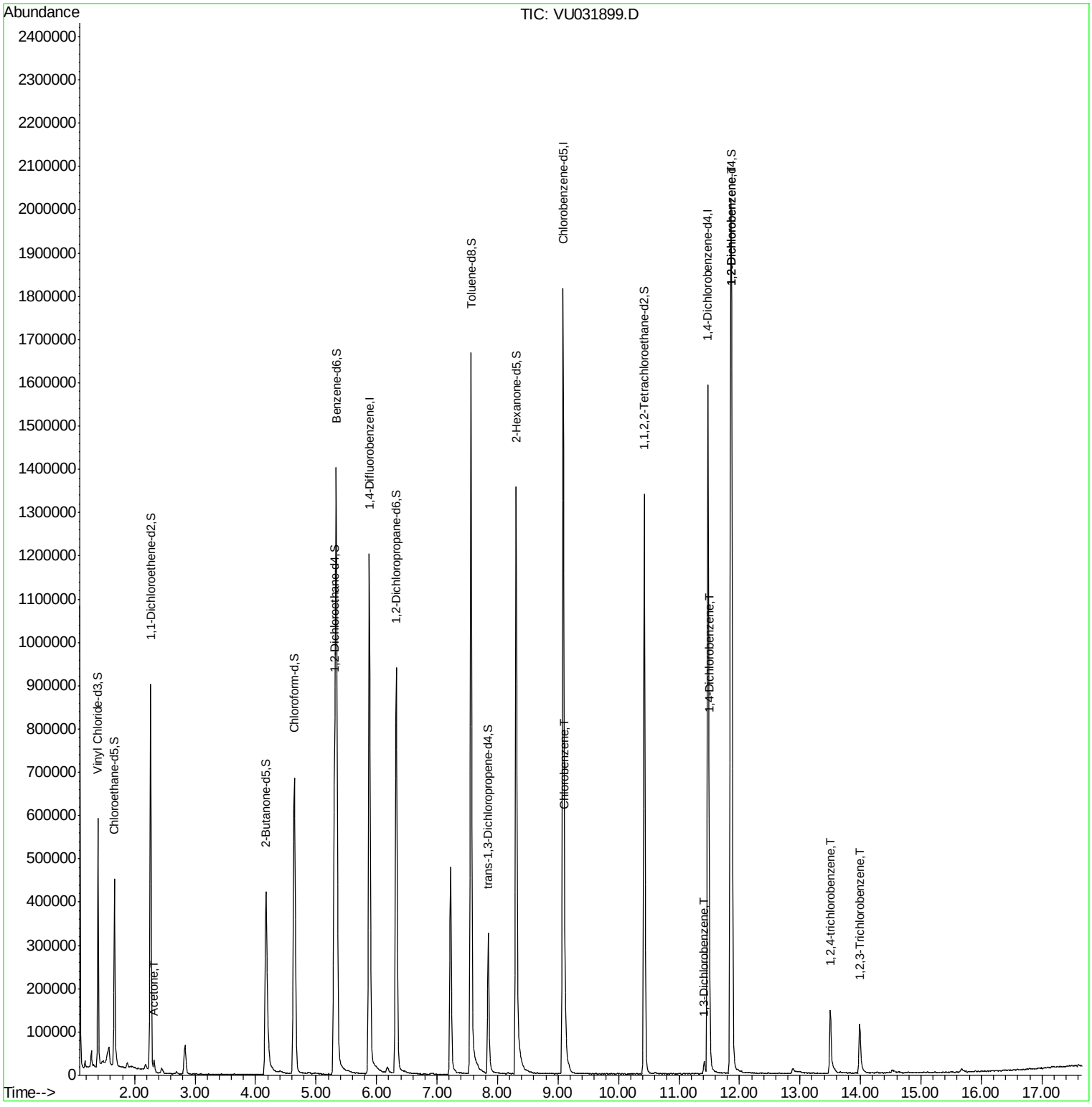
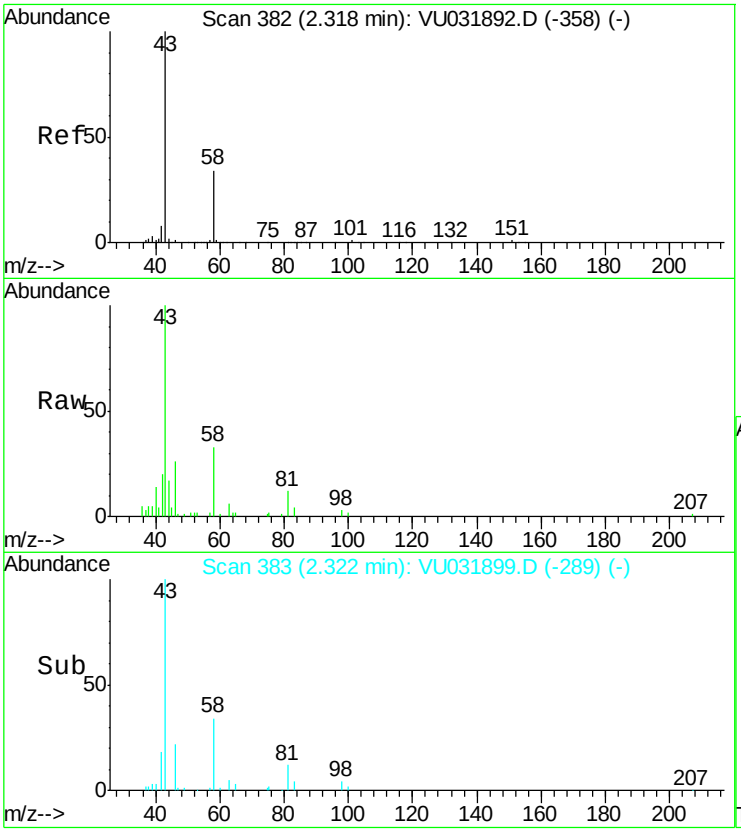
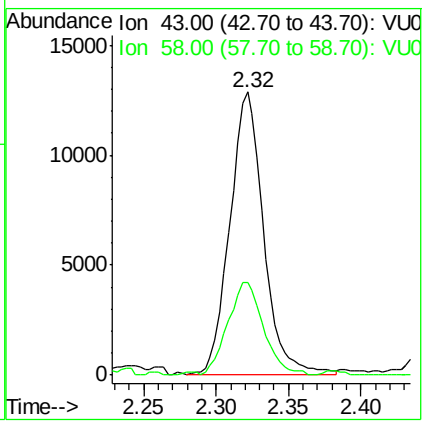




#13
Acetone
Concen: 2.441 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU031899.D
Acq: 10 May 2019 19:32

Tgt Ion: 43 Resp: 20872

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	64.4



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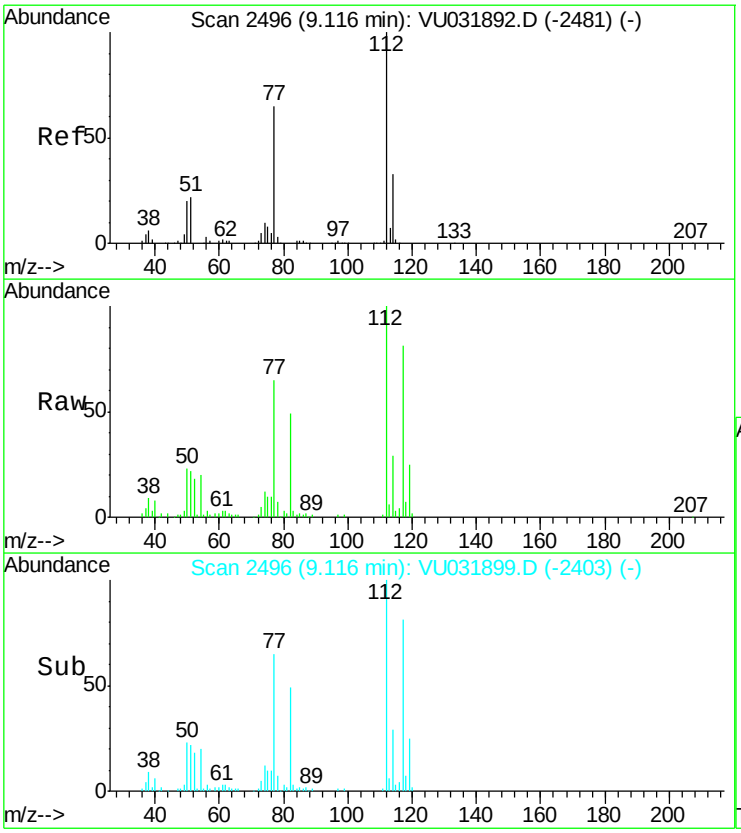
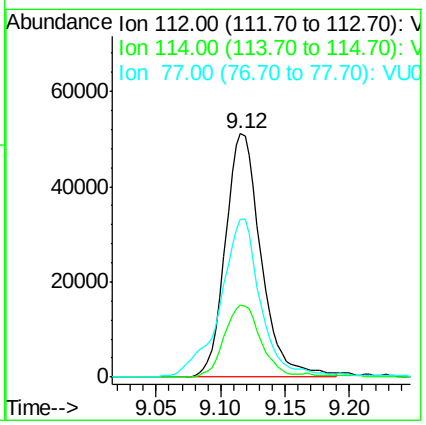
5/11/2019 11:49:10 AM

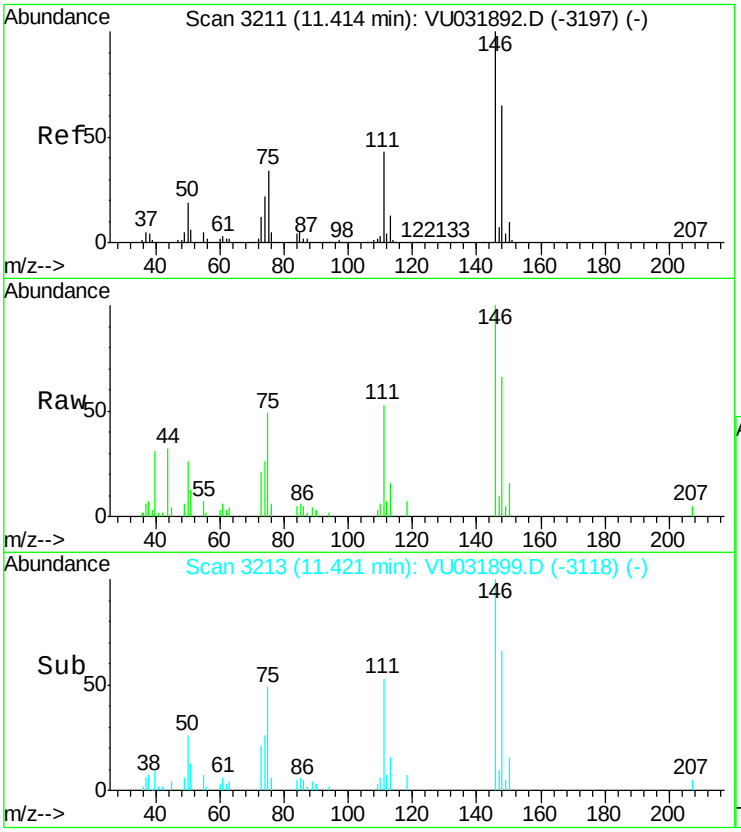


#51
Chlorobenzene
Concen: 4.537 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU031899.D
Acq: 10 May 2019 19:32

Tgt Ion:112 Resp: 98455

Ion	Ratio	Lower	Upper
112	100		
114	29.5	23.3	43.3
77	64.9	53.0	79.4

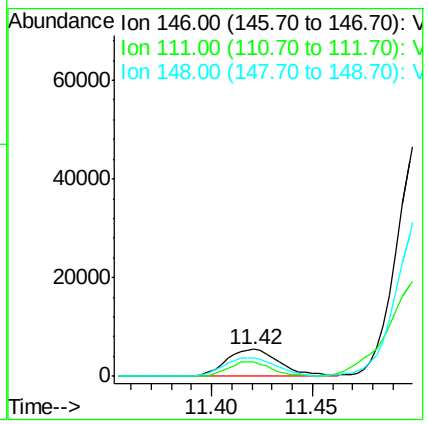




#62
1,3-Dichlorobenzene
Concen: 0.795 ug/L
RT: 11.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: VU031899.D
Acq: 10 May 2019 19:32

Tgt Ion:146 Resp: 10217

Ion	Ratio	Lower	Upper
146	100		
111	52.9	29.8	55.4
148	66.0	45.1	83.9



Instrument :
MSVOA_U
ClientSampleId :
C0C26DL

Manual Integrations APPROVED
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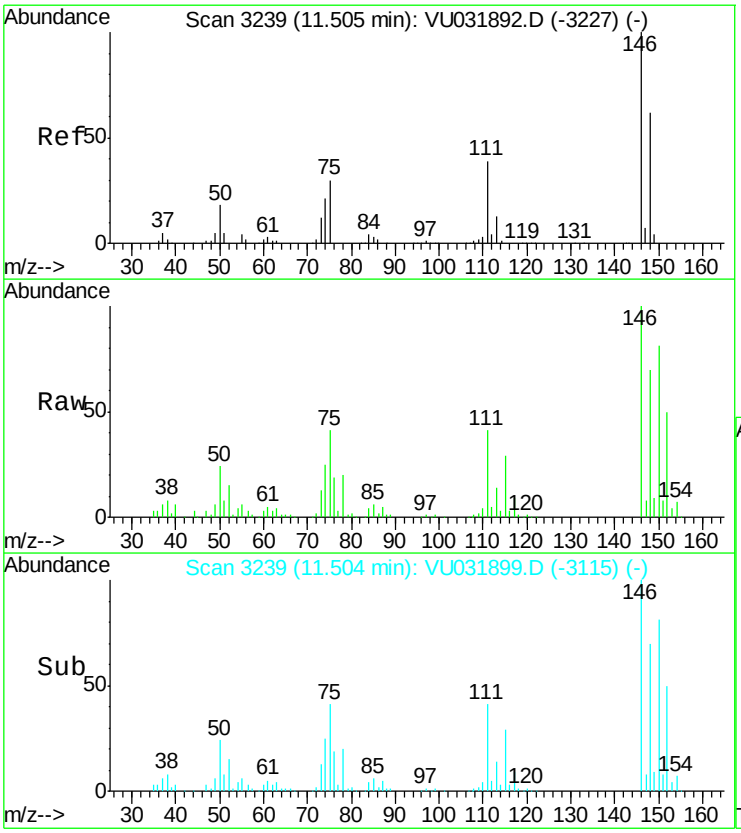
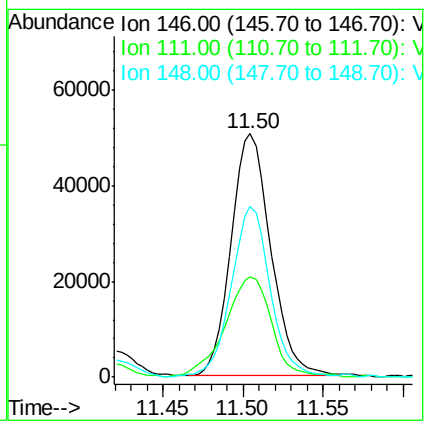
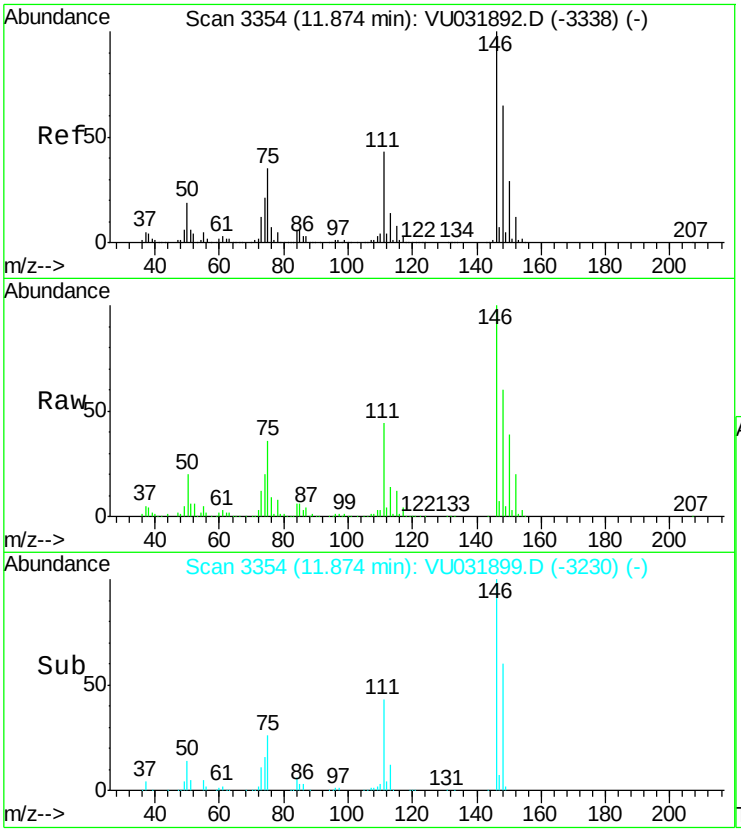


#63
1,4-Dichlorobenzene
Concen: 6.431 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU031899.D
Acq: 10 May 2019 19:32

Tgt Ion:146 Resp: 85575

Ion	Ratio	Lower	Upper
146	100		
111	41.2	28.2	52.4
148	70.3	45.4	84.4

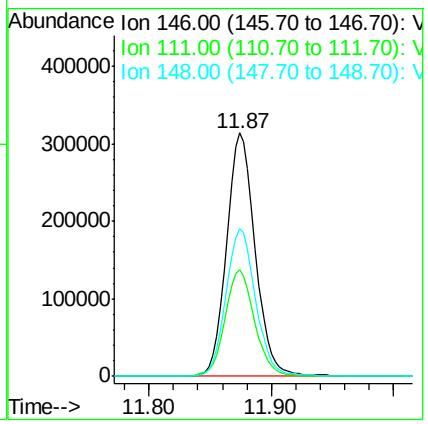




#65
1,2-Dichlorobenzene
Concen: 37.861 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU031899.D
Acq: 10 May 2019 19:32

Tgt Ion:146 Resp: 516979

Ion	Ratio	Lower	Upper
146	100		
111	43.6	35.9	53.9
148	60.4	50.5	75.7



Instrument :
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Manual Integrations APPROVED
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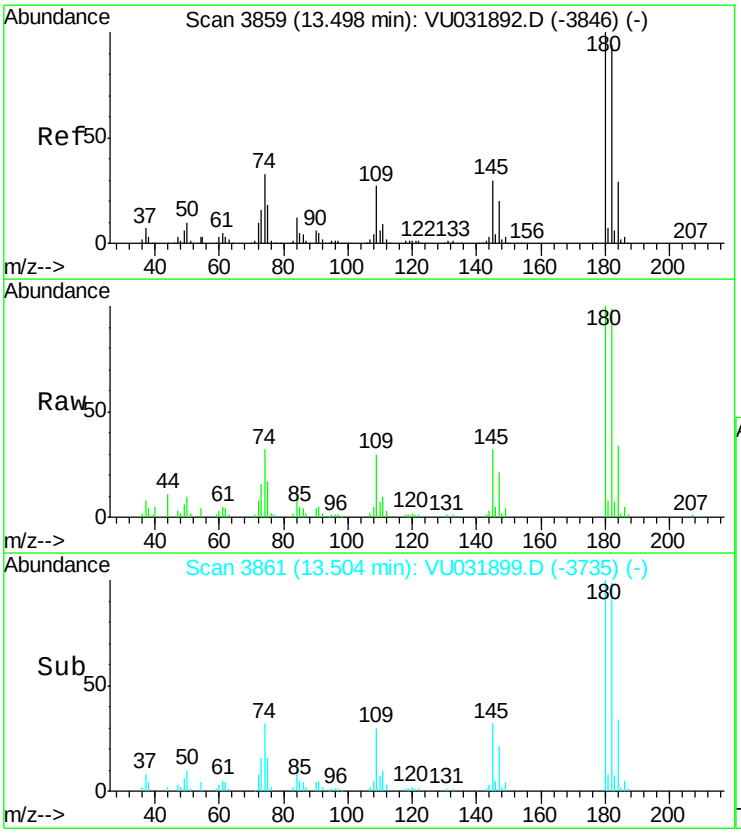
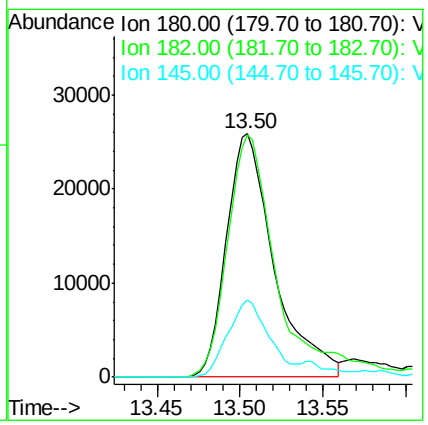
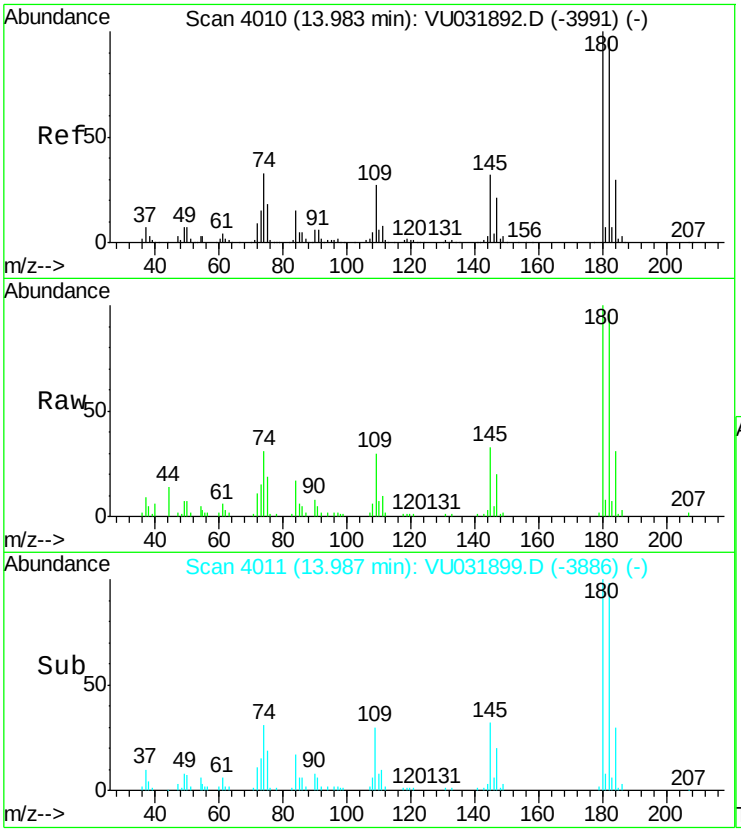


#68
1,2,4-trichlorobenzene
Concen: 6.795 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.01 min
Lab File: VU031899.D
Acq: 10 May 2019 19:32

Tgt Ion:180 Resp: 51767

Ion	Ratio	Lower	Upper
180	100		
182	104.0	75.8	113.8
145	27.4	24.5	36.7

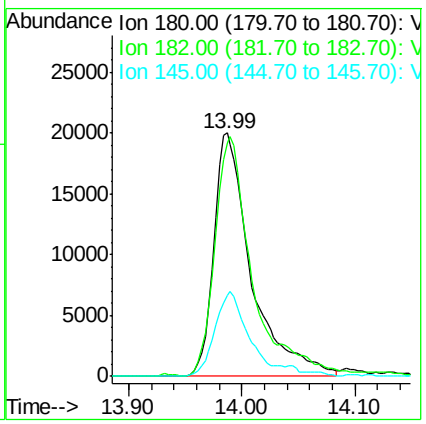




#70
1,2,3-Trichlorobenzene
Concen: 5.310 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU031899.D
Acq: 10 May 2019 19:32

Tgt Ion:180 Resp: 46054

Ion	Ratio	Lower	Upper
180	100		
182	88.7	76.1	114.1
145	30.4	26.0	39.0



Instrument :
MSVOA_U
ClientSampleId :
C0C26DL

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MMDadoda
5/11/2019 11:49:10 AM