Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\

Quantitation Report (Not Reviewed)

Data File : VU030248.D
Acq On : 21 Mar 2019 01:07
Operator : JC/SP
Sample : K2017-09
Misc : 4.74g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1H5

Quant Time: Mar 22 01:35:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	530474	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	534869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	273052	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	107851	30.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.14%			
7) Chloroethane-d5	1.71	69	64	0.02	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.04%#			
11) 1,1-Dichloroethene-d2	2.23	63	152601	23.32	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 46.64%#			
21) 2-Butanone-d5	4.20	46	210206	78.99	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.99%			
24) Chloroform-d	4.64	84	233482	35.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.94%			
26) 1,2-Dichloroethane-d4	5.30	65	145781	38.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.66%			
32) Benzene-d6	5.33	84	497740	35.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.62%			
36) 1,2-Dichloropropane-d6	6.32	67	161360	37.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 74.00%			
41) Toluene-d8	7.56	98	439496	33.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 66.32%#			
43) trans-1,3-Dichloropropene-	7.85	79	70957	33.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.82%			
47) 2-Hexanone-d5	8.32	63	182234	80.58	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271831	40.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	204375	37.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.56%#			
Target Compounds						Qvalue
13) Acetone	2.35	43	1546	0.556	ug/L	65
16) Methylene chloride	2.68	84	2391	0.596	ug/L	82
20) cis-1,2-Dichloroethene	4.21	96	8593	2.103	ug/L	100
34) Trichloroethene	6.18	95	8334	2.049	ug/L	92
51) Chlorobenzene	9.12	112	10034	0.903	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	34078	6.380	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	23803	2.634	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	32292	3.628	ug/L	94

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

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Quantitation Report (Not Reviewed)

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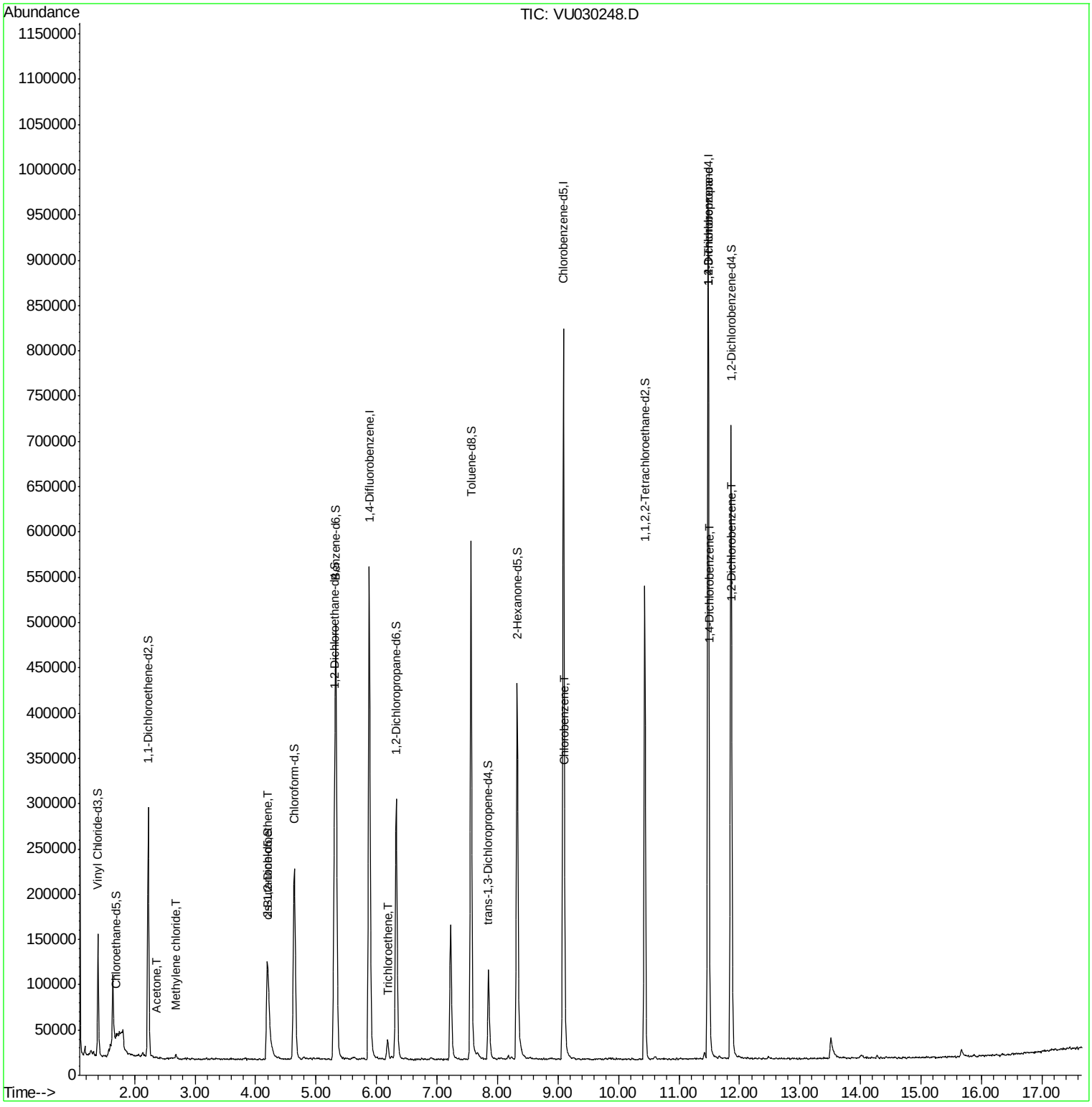
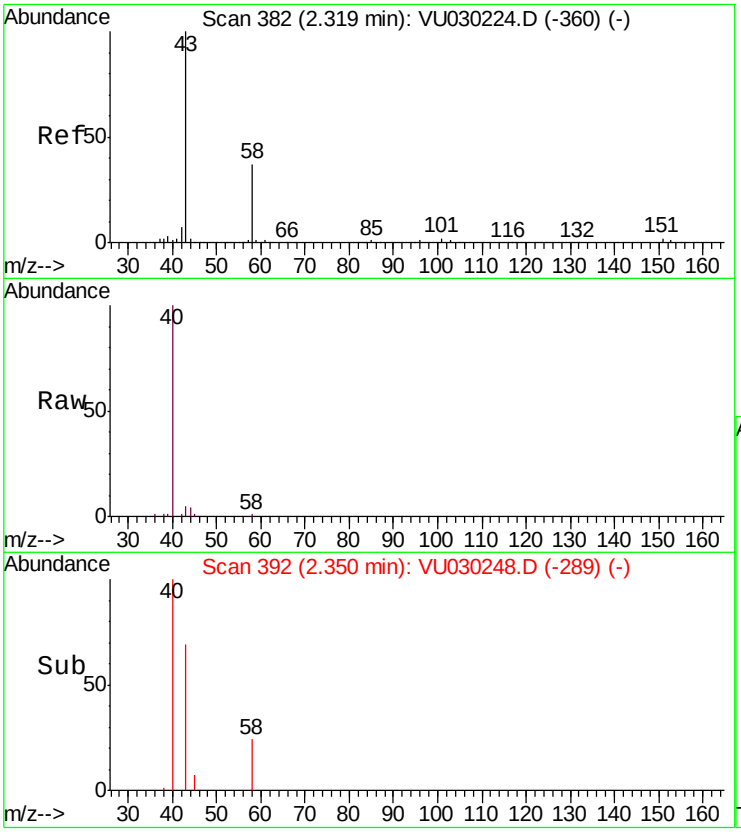
Sample : K2017-09
Misc : 4.74g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1H5

Quant Time: Mar 22 01:35:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration



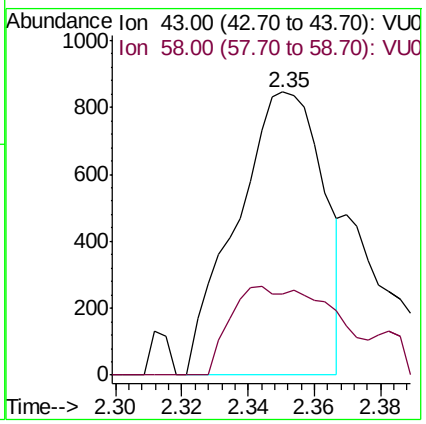


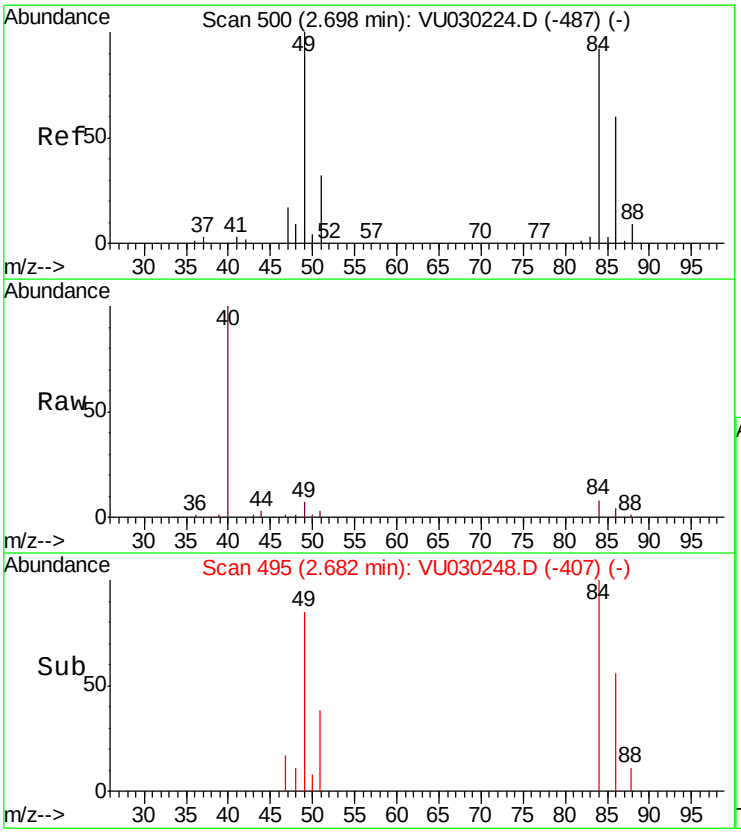
#13
Acetone
Concen: 0.556 ug/L
RT: 2.35 min Scan# 392
Delta R.T. 0.03 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Instrument : MSVOA_U
ClientSampleId : BF1H5

Tgt Ion: 43 Resp: 1546

Ion	Ratio	Lower	Upper
43	100		
58	15.8	0.0	73.4

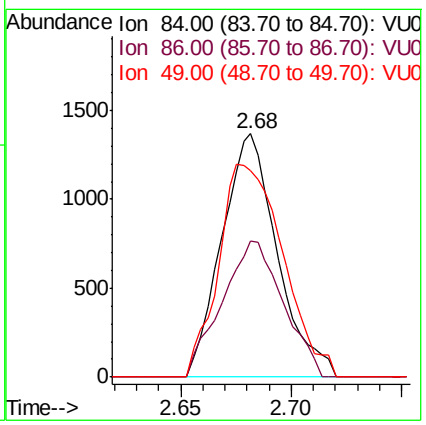


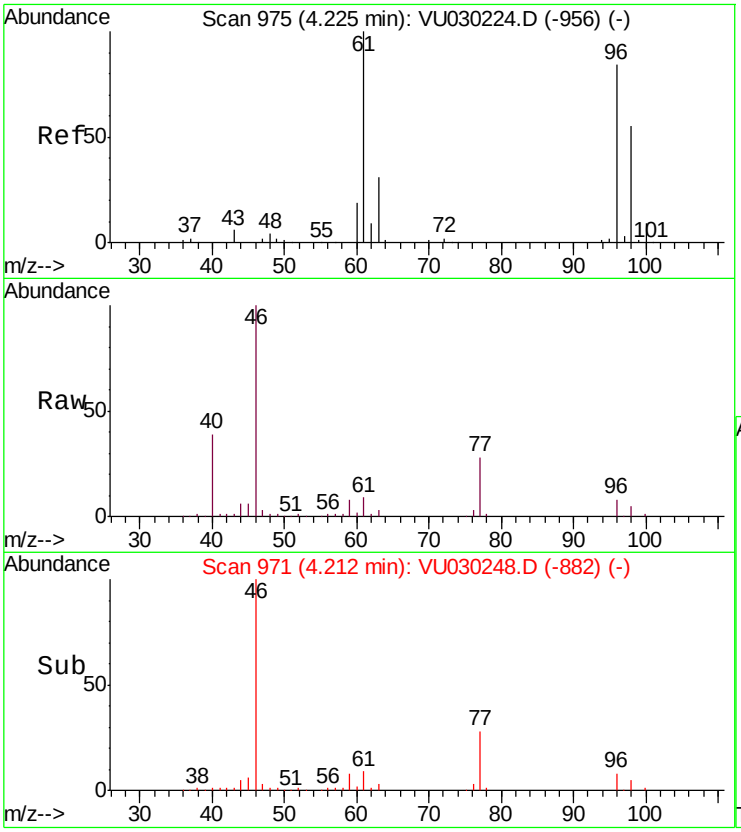


#16
Methylene chloride
Concen: 0.596 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.02 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Tgt Ion: 84 Resp: 2391

Ion	Ratio	Lower	Upper
84	100		
86	56.2	45.6	84.6
49	84.7	75.2	139.6



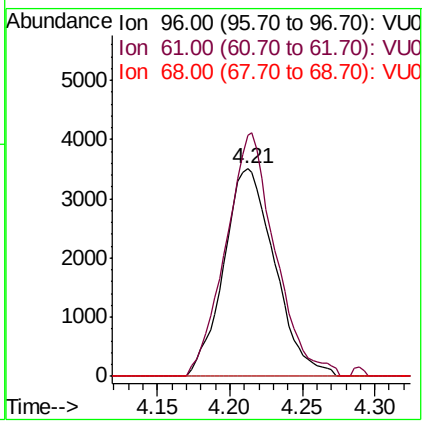


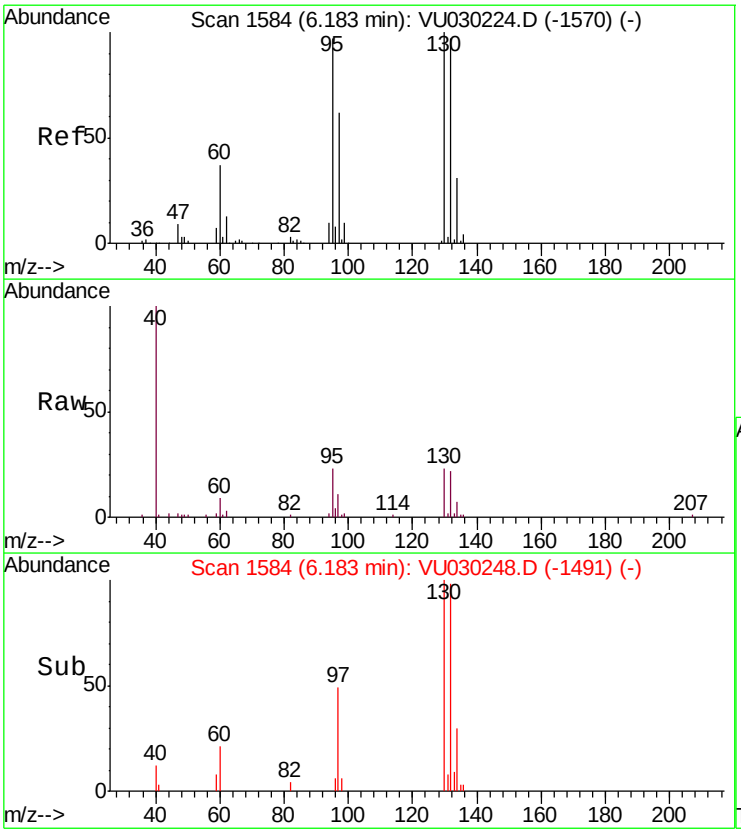
#20
cis-1,2-Dichloroethene
Concen: 2.103 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Instrument :
MSVOA_U
ClientSampleId :
BF1H5

Tgt Ion: 96 Resp: 8593

Ion	Ratio	Lower	Upper
96	100		
61	116.1	81.5	151.3
68	0.0	0.0	0.0

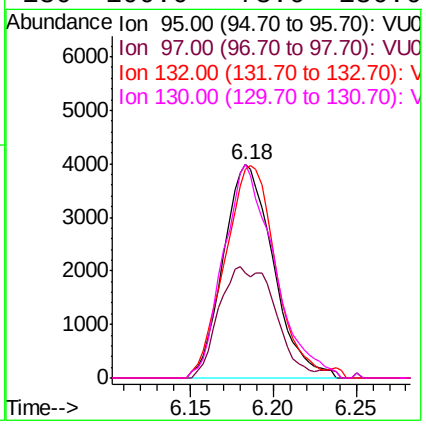


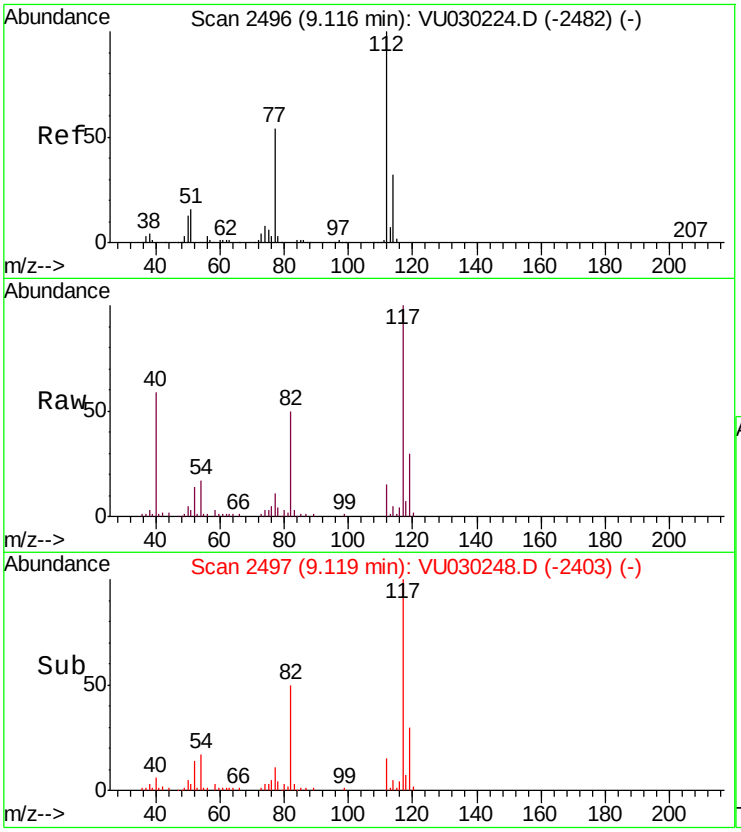


#34
Trichloroethene
Concen: 2.049 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Tgt Ion: 95 Resp: 8334

Ion	Ratio	Lower	Upper
95	100		
97	48.9	46.2	85.8
132	97.6	69.3	128.7
130	100.0	73.6	136.6



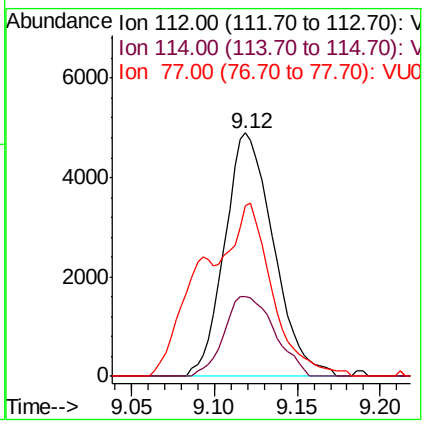


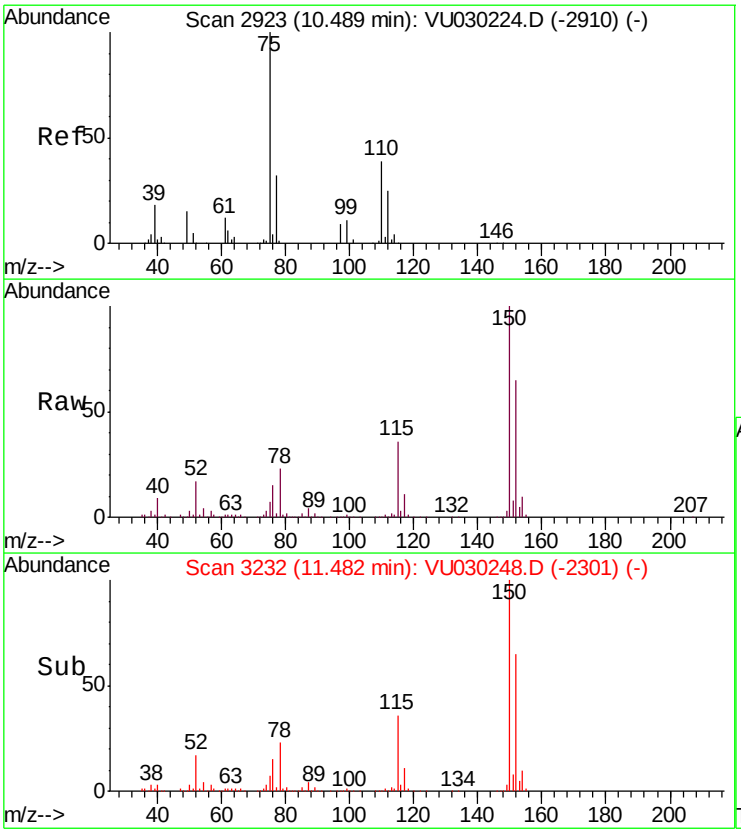
#51
Chlorobenzene
Concen: 0.903 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Instrument :
MSVOA_U
ClientSampleId :
BF1H5

Tgt Ion:112 Resp: 10034

Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.5	41.7
77	69.9	43.4	65.0#

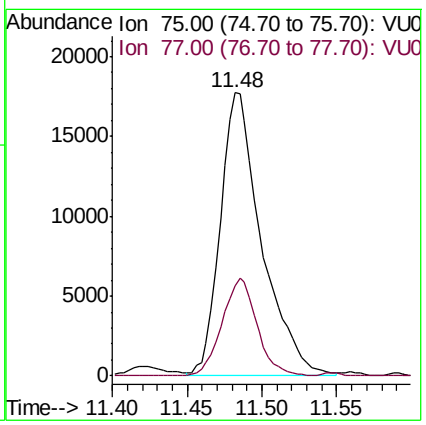


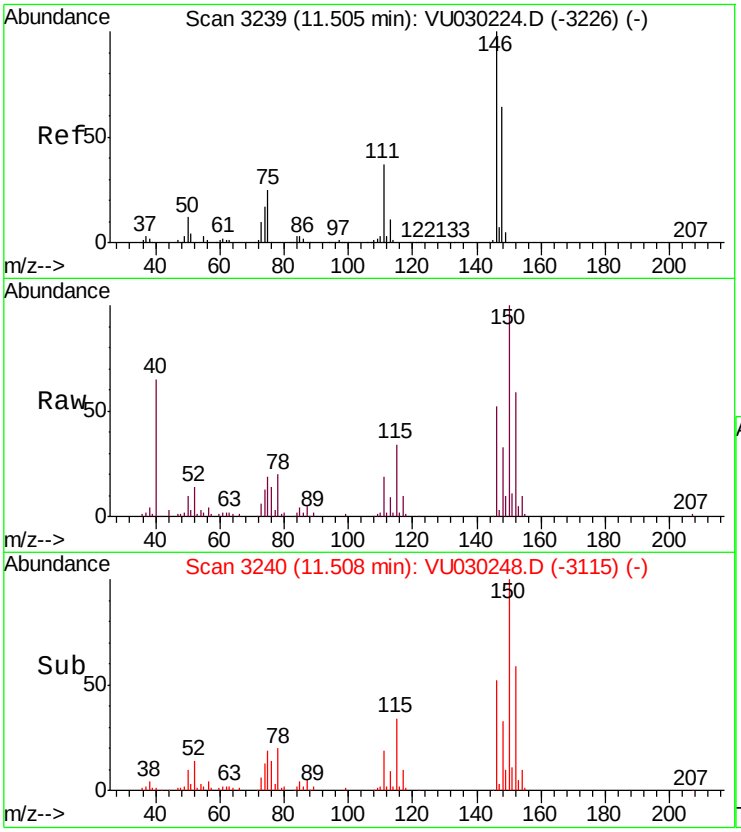


#59
1,2,3-Trichloropropane
Concen: 6.380 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Tgt Ion: 75 Resp: 34078

Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.8	38.8



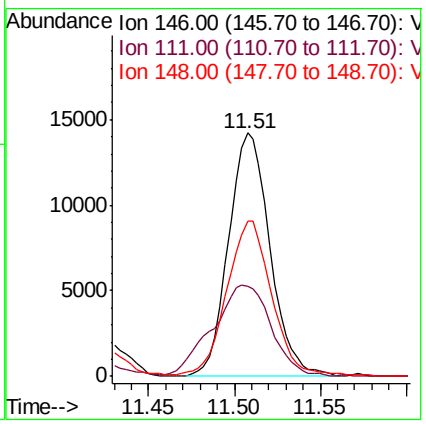


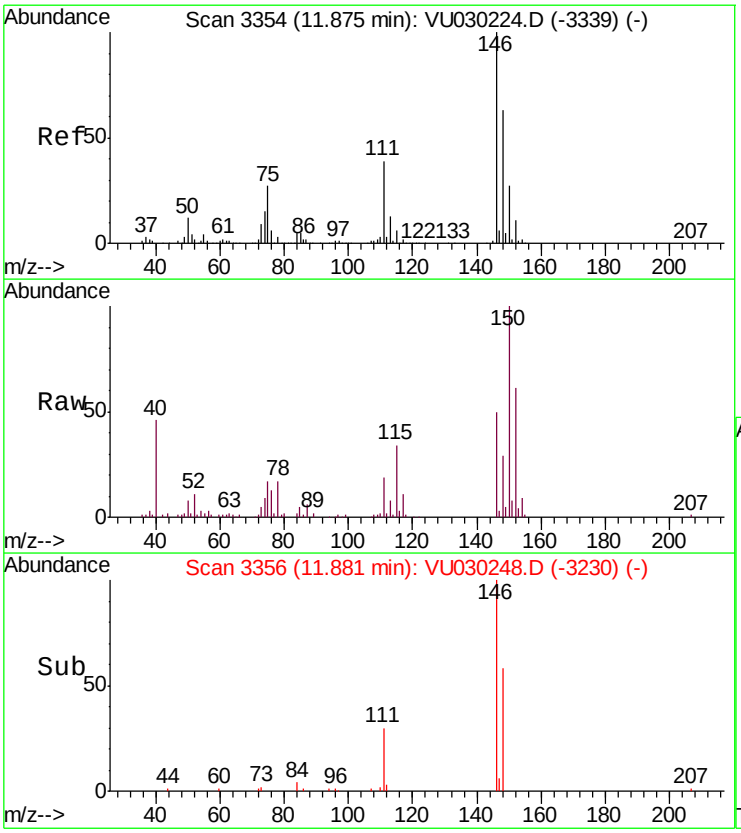
#63
1,4-Dichlorobenzene
Concen: 2.634 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Instrument : MSVOA_U
ClientSampleId : BF1H5

Tgt Ion:146 Resp: 23803

Ion	Ratio	Lower	Upper
146	100		
111	36.9	25.3	46.9
148	63.6	44.7	82.9





#65
1,2-Dichlorobenzene
Concen: 3.628 ug/L
RT: 11.88 min Scan# 3356
Delta R.T. 0.01 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Tgt Ion:146 Resp: 32292

Ion	Ratio	Lower	Upper
146	100		
111	37.2	31.7	47.5
148	58.8	52.0	78.0