Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

Quantitation Report (Not Reviewed)

Data File : VU033238.D
Acq On : 12 Jul 2019 21:36
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Quant Time: Jul 13 00:14:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	300777	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	296349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	133598	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	105245	46.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.44%			
7) Chloroethane-d5	1.67	69	92178	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.78%			
11) 1,1-Dichloroethene-d2	2.26	63	140050	33.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.82%			
21) 2-Butanone-d5	4.15	46	140559	97.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.43%			
24) Chloroform-d	4.62	84	175053	45.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.76%			
26) 1,2-Dichloroethane-d4	5.29	65	121045	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.92%			
32) Benzene-d6	5.32	84	368896	50.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.48%			
36) 1,2-Dichloropropane-d6	6.31	67	120023	51.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.08%			
41) Toluene-d8	7.55	98	329300	48.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.06%			
43) trans-1,3-Dichloropropene-	7.83	79	55166	48.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.62%			
47) 2-Hexanone-d5	8.29	63	110758	105.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.50%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	174387	49.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.96%			
64) 1,2-Dichlorobenzene-d4	11.85	152	125117	52.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.02%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.26	96	1136	0.566	ug/L #	1
25) Chloroform	4.65	83	8343	1.967	ug/L	98
37) 1,2-Dichloropropane	6.31	63	12703	5.420	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3627	1.009	ug/L	86
44) trans-1,3-Dichloropropene	7.83	75	2417	0.746	ug/L	85
48) 2-Hexanone	8.29	43	12635	4.933	ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	16941	5.552	ug/L	93
65) 1,2-Dichlorobenzene	11.86	146	2904	0.689	ug/L #	87

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

Quantitation Report (Not Reviewed)

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Operator : JC/SP
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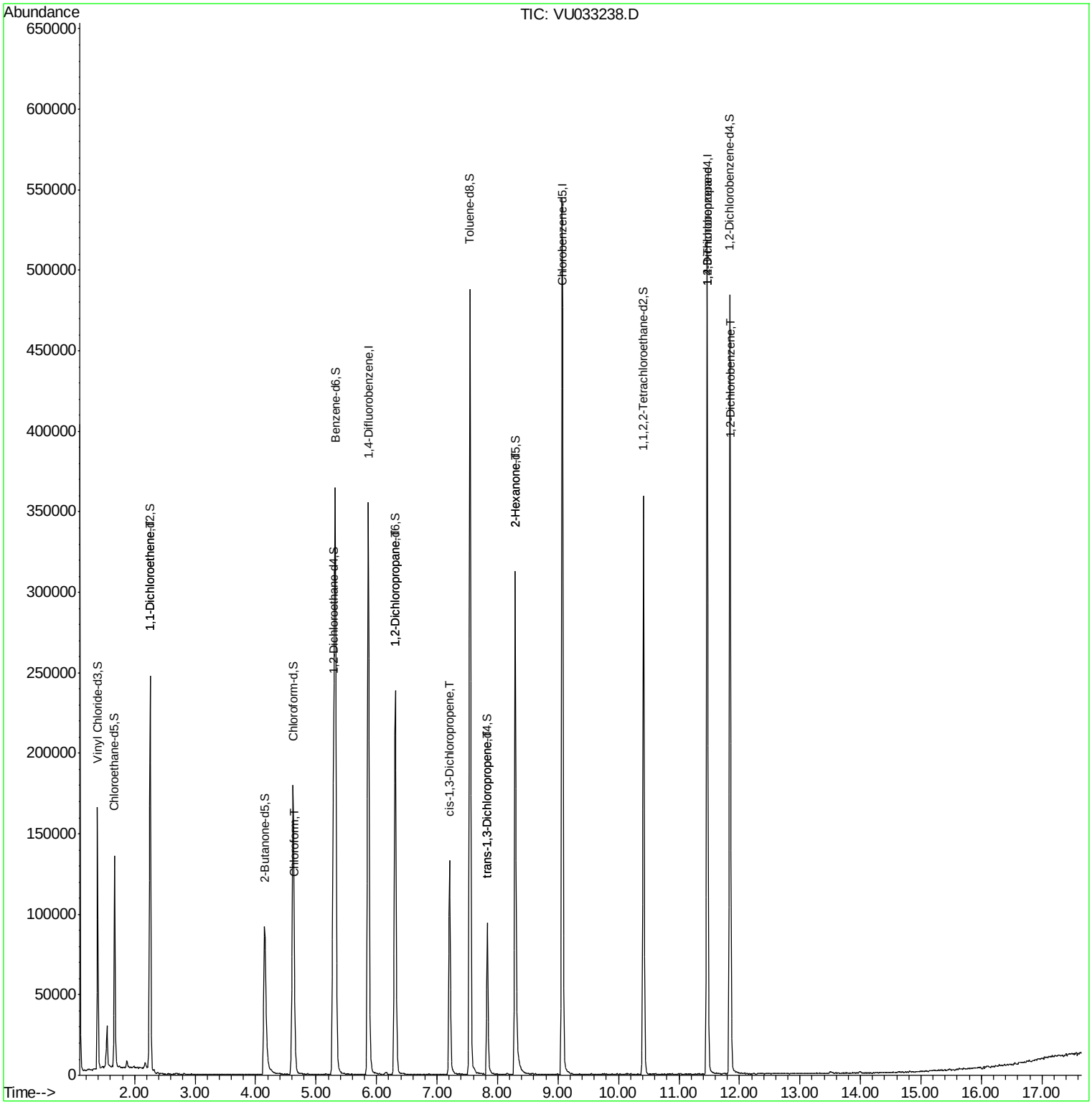
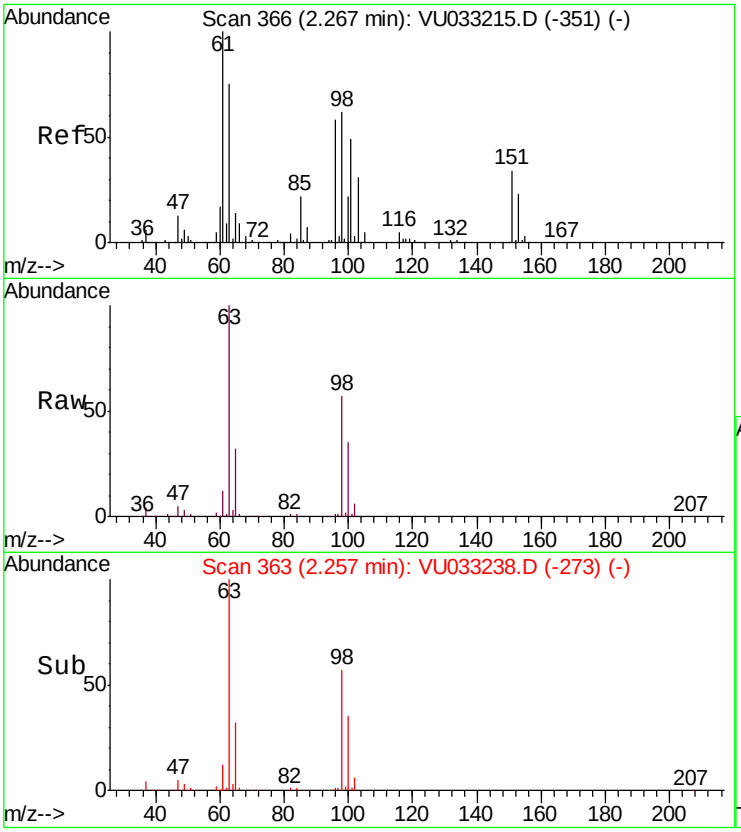
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Jul 13 00:14:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration



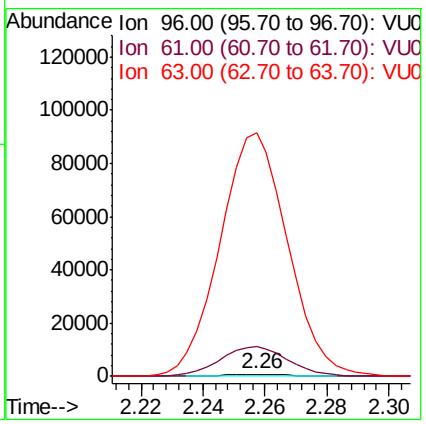


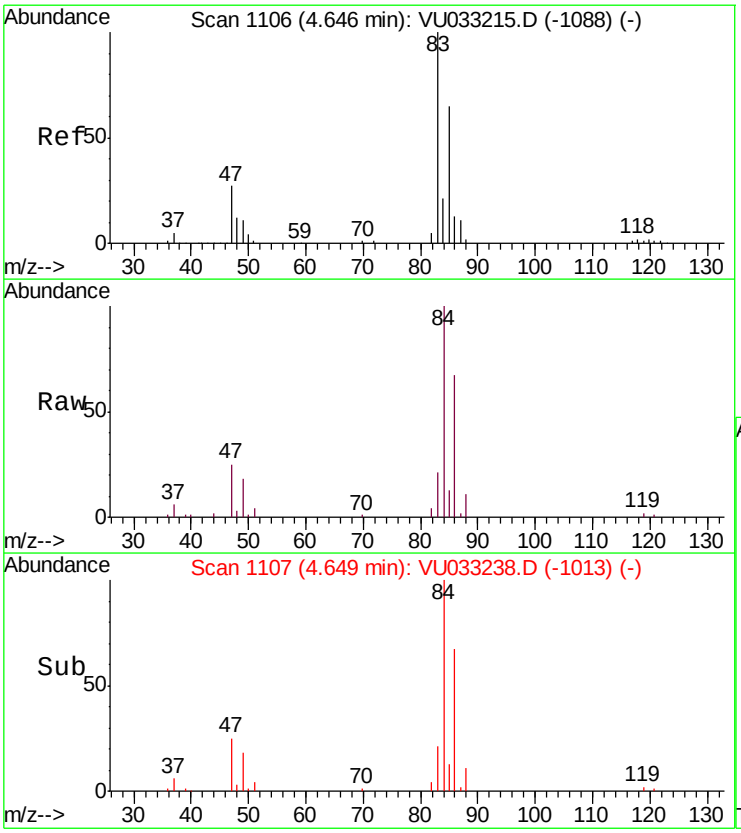
#12
1,1-Dichloroethene
Concen: 0.566 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033238.D
Acq: 12 Jul 2019 21:36

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Tgt Ion: 96 Resp: 1136

Ion	Ratio	Lower	Upper
96	100		
61	1488.8	126.1	234.1#
63	12366.5	96.8	179.8#

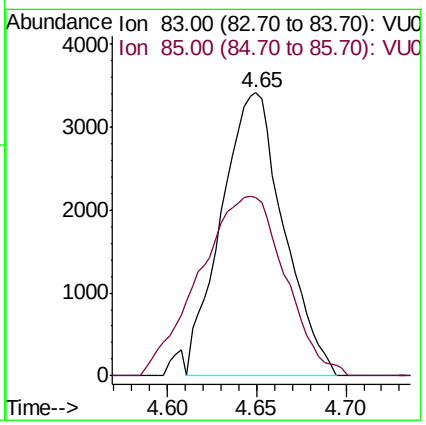


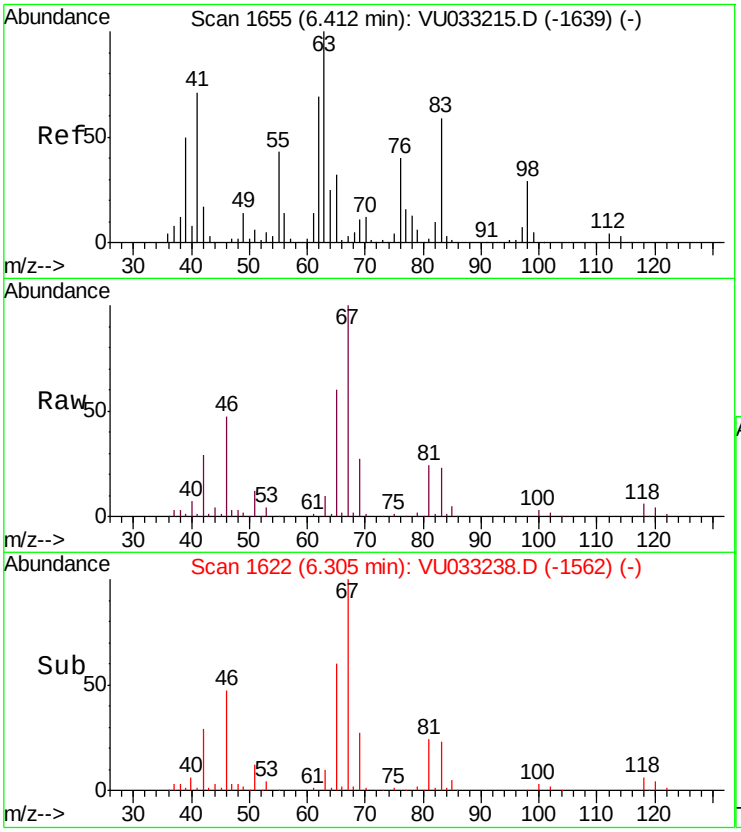


#25
Chloroform
Concen: 1.967 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033238.D
Acq: 12 Jul 2019 21:36

Tgt Ion: 83 Resp: 8343

Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.4	84.4



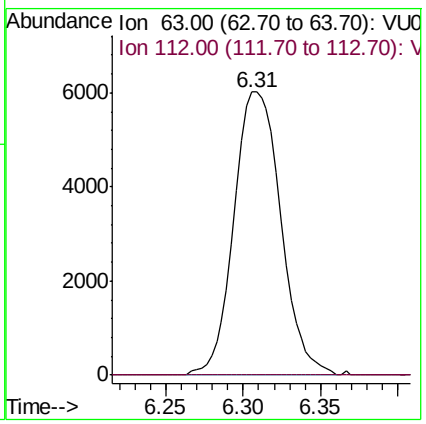


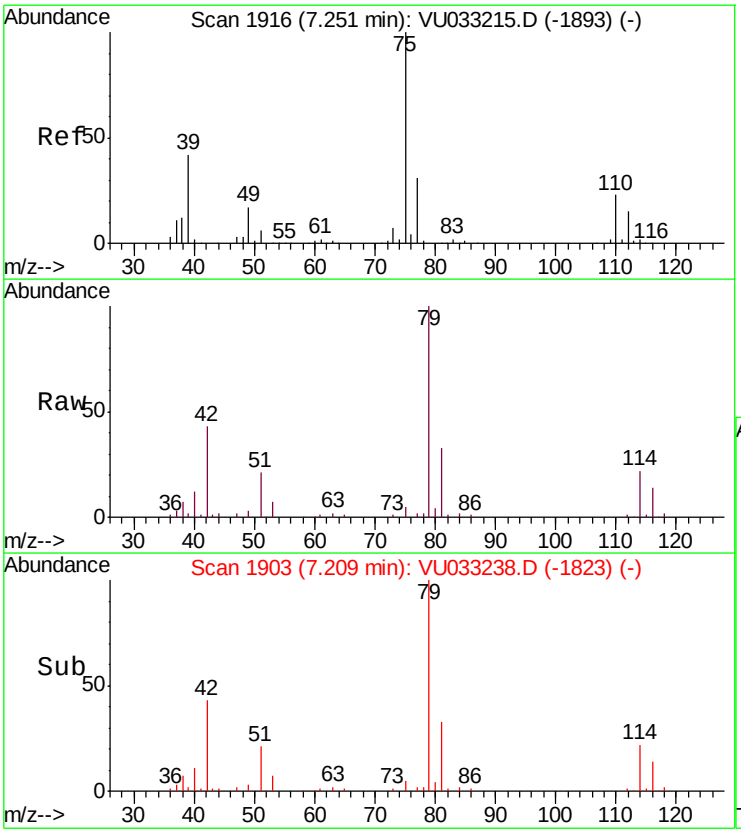
#37
1,2-Dichloropropane
Concen: 5.420 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.11 min
Lab File: VU033238.D
Acq: 12 Jul 2019 21:36

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Tgt Ion: 63 Resp: 12703

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

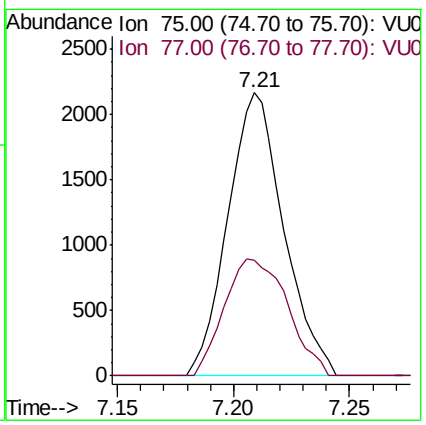


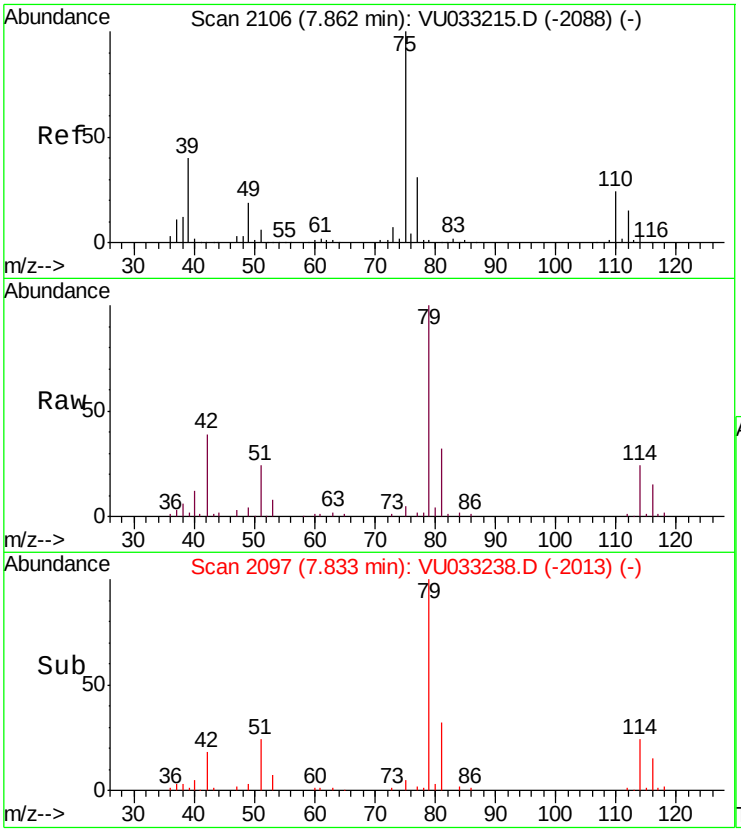


#39
cis-1,3-Dichloropropene
Concen: 1.009 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033238.D
Acq: 12 Jul 2019 21:36

Tgt Ion: 75 Resp: 3627

Ion	Ratio	Lower	Upper
75	100		
77	40.7	23.1	42.9



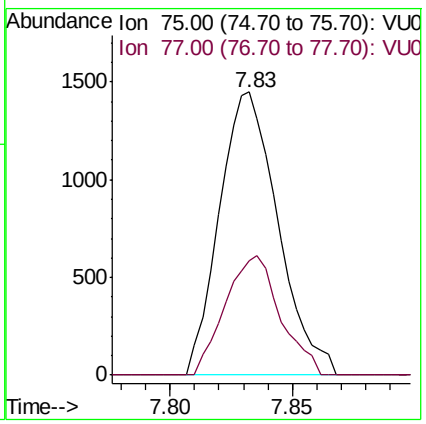


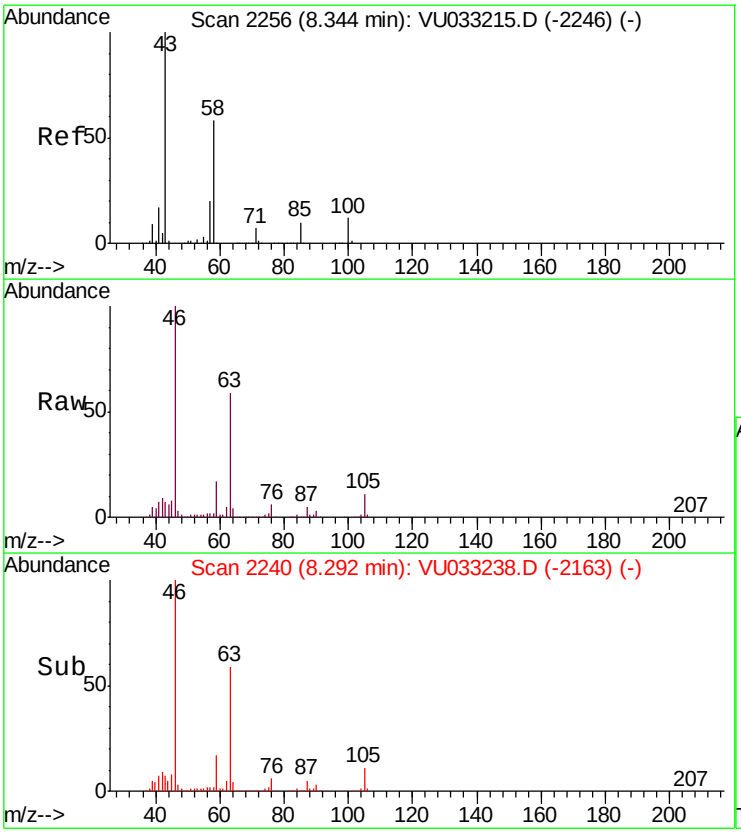
#44
trans-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033238.D
Acq: 12 Jul 2019 21:36

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tgt Ion: 75 Resp: 2417

Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.4	41.6

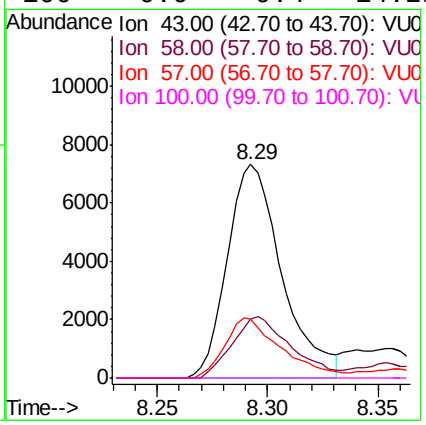


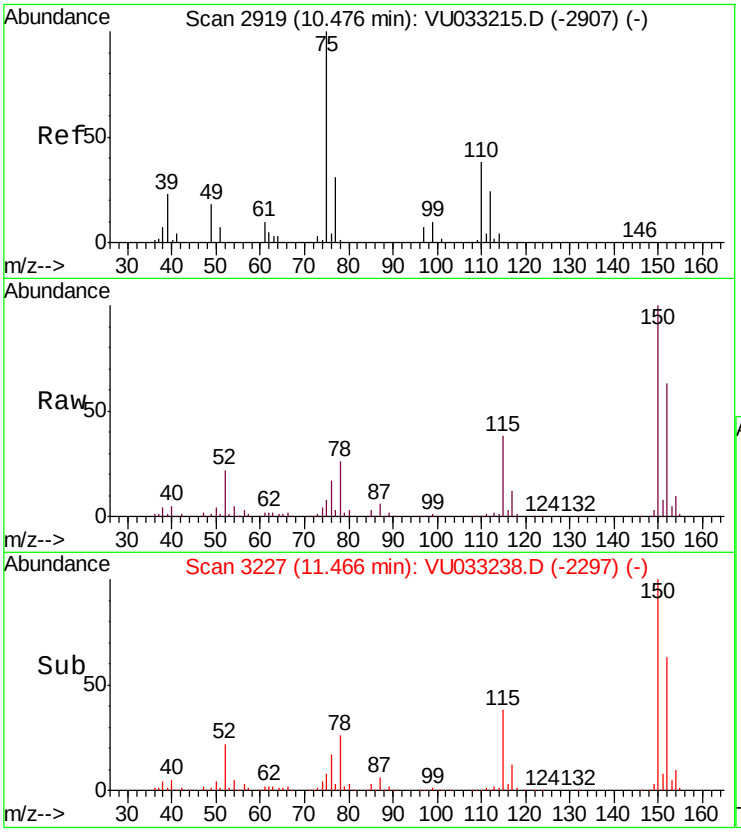


#48
2-Hexanone
Concen: 4.933 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033238.D
Acq: 12 Jul 2019 21:36

Tgt Ion: 43 Resp: 12635

Ion	Ratio	Lower	Upper
43	100		
58	30.7	46.1	69.1#
57	29.1	15.8	23.8#
100	0.0	9.4	14.2#



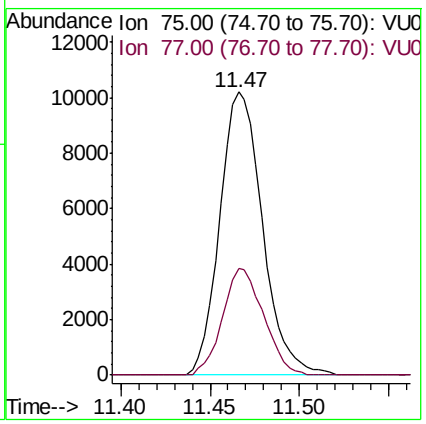


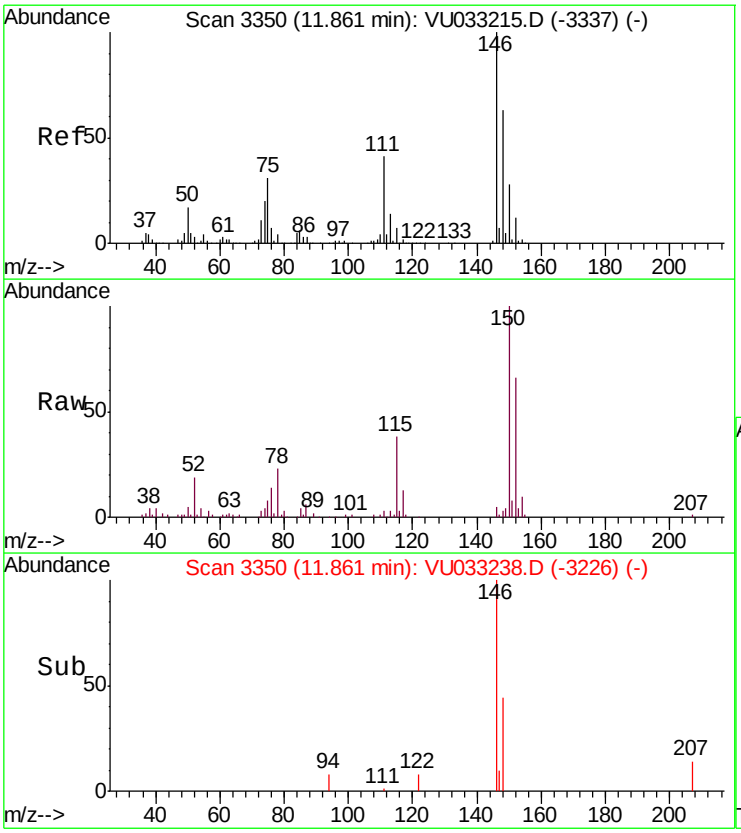
#59
1,2,3-Trichloropropane
Concen: 5.552 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033238.D
Acq: 12 Jul 2019 21:36

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tgt Ion: 75 Resp: 16941

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.0	39.0





#65
1,2-Dichlorobenzene
Concen: 0.689 ug/L
RT: 11.86 min Scan# 3350
Delta R.T. -0.00 min
Lab File: VU033238.D
Acq: 12 Jul 2019 21:36

Tgt Ion:146 Resp: 2904

Ion	Ratio	Lower	Upper
146	100		
111	58.2	34.3	51.5#
148	68.9	51.5	77.3