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

Quantitation Report (Not Reviewed)

Data File : VU033231.D
Acq On : 12 Jul 2019 18:54
Operator : JC/SP
Sample : K3787-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C91

Quant Time: Jul 13 00:13:18 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	300484	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134802	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	119510	52.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.08%			
7) Chloroethane-d5	1.67	69	105591	54.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.68%			
11) 1,1-Dichloroethene-d2	2.26	63	151574	36.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.48%			
21) 2-Butanone-d5	4.15	46	168553	116.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.95%			
24) Chloroform-d	4.62	84	200803	52.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.36%			
26) 1,2-Dichloroethane-d4	5.29	65	130656	53.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.88%			
32) Benzene-d6	5.32	84	403307	54.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.82%			
36) 1,2-Dichloropropane-d6	6.31	67	128744	54.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.46%			
41) Toluene-d8	7.55	98	361136	51.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.34%			
43) trans-1,3-Dichloropropene-	7.83	79	60168	51.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.36%			
47) 2-Hexanone-d5	8.29	63	116906	109.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.22%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190344	52.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.94%			
64) 1,2-Dichlorobenzene-d4	11.85	152	137023	57.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.00%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1394	0.680	ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1176	0.586	ug/L #	1
13) Acetone	2.31	43	3002	1.667	ug/L	100
25) Chloroform	4.65	83	38107	8.992	ug/L	96
37) 1,2-Dichloropropane	6.31	63	13898	5.816	ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2787	0.844	ug/L #	78
48) 2-Hexanone	8.29	43	13587	5.203	ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	16375	5.264	ug/L	93

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

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

Quantitation Report (Not Reviewed)

Data File : VU033231.D
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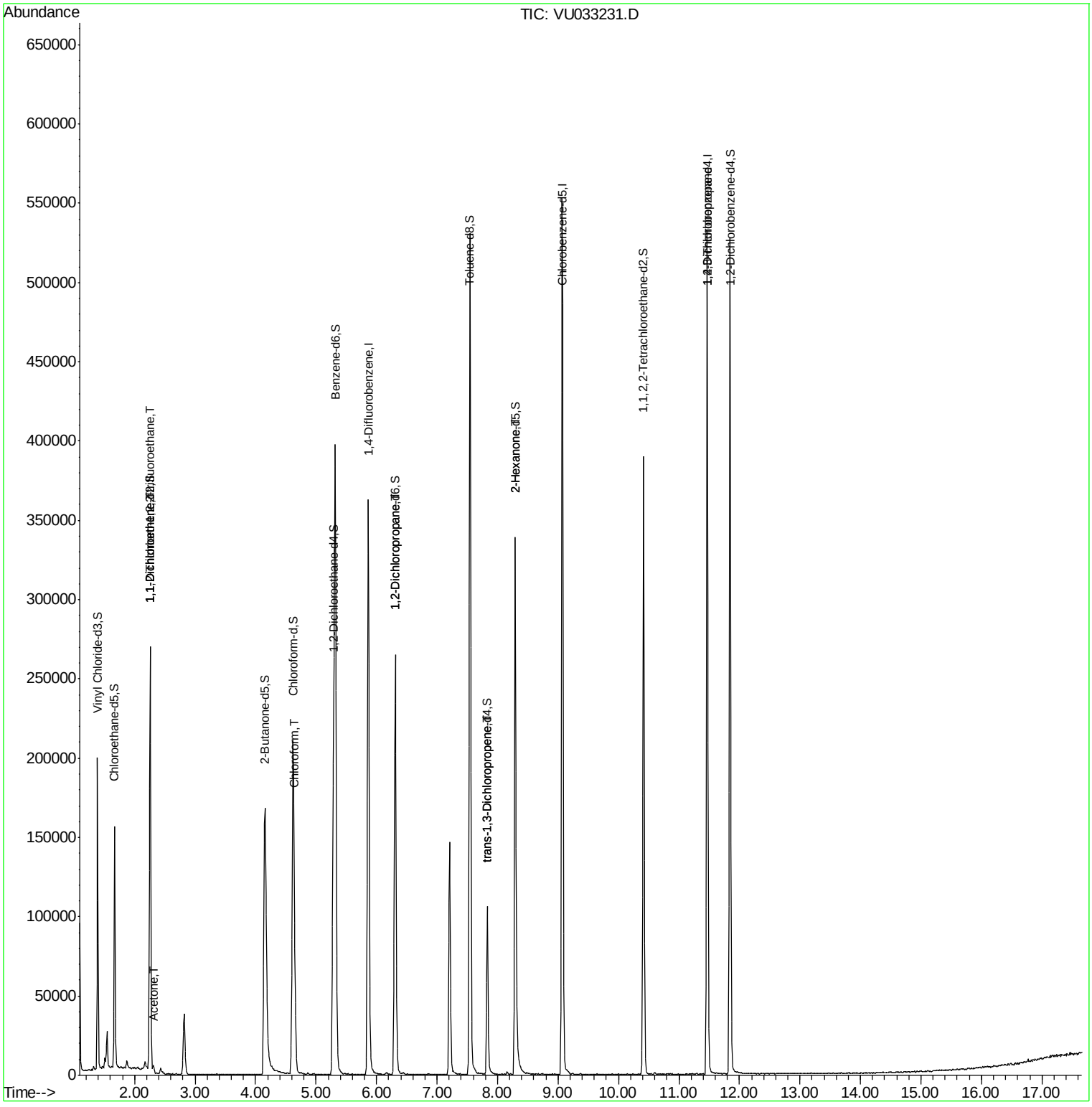
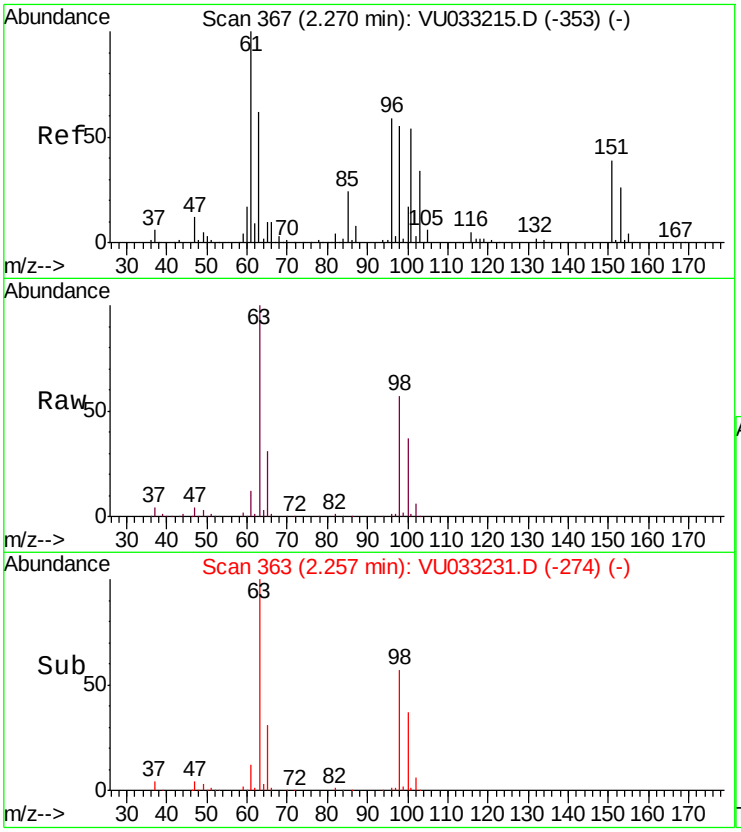
Operator : JC/SP
Sample : K3787-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C91

Quant Time: Jul 13 00:13:18 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



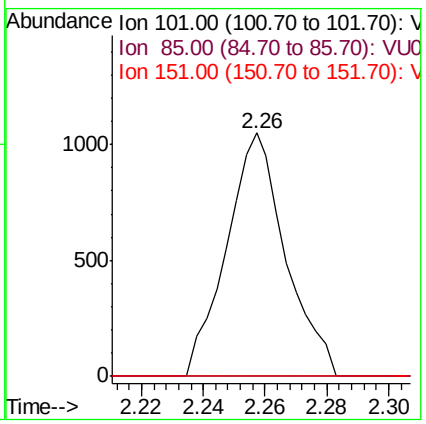


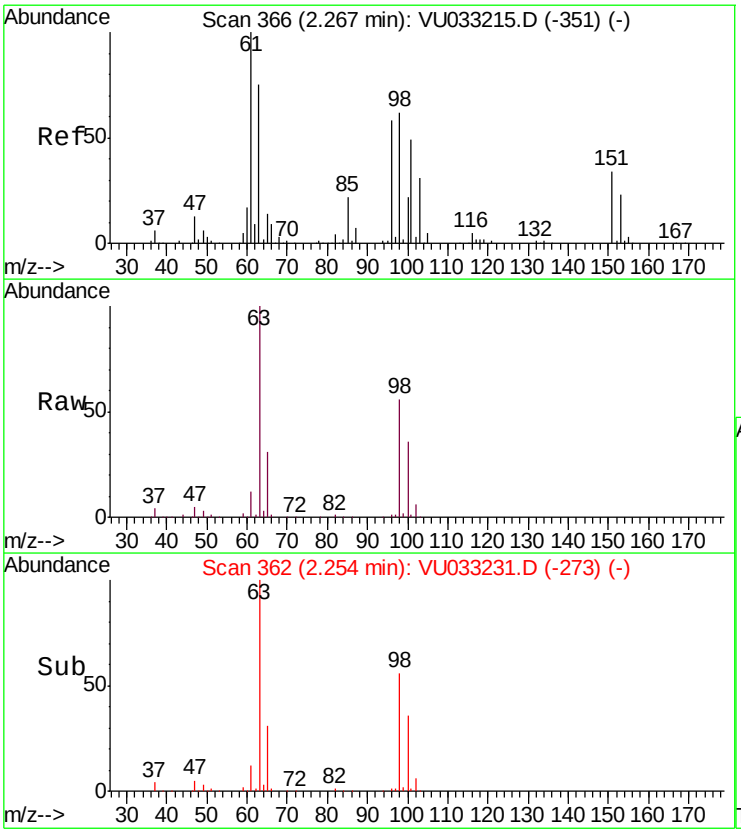
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.680 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033231.D
Acq: 12 Jul 2019 18:54

Instrument :
MSVOA_U
ClientSampleId :
C0C91

Tgt Ion:101 Resp: 1394

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	56.7	85.1#

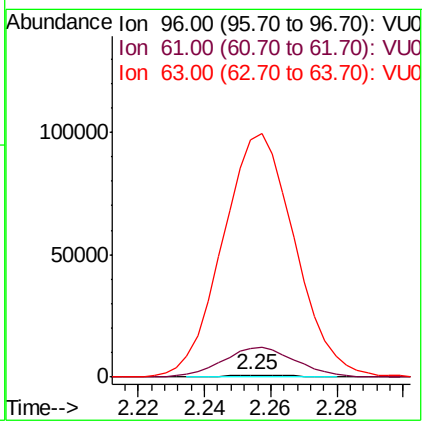


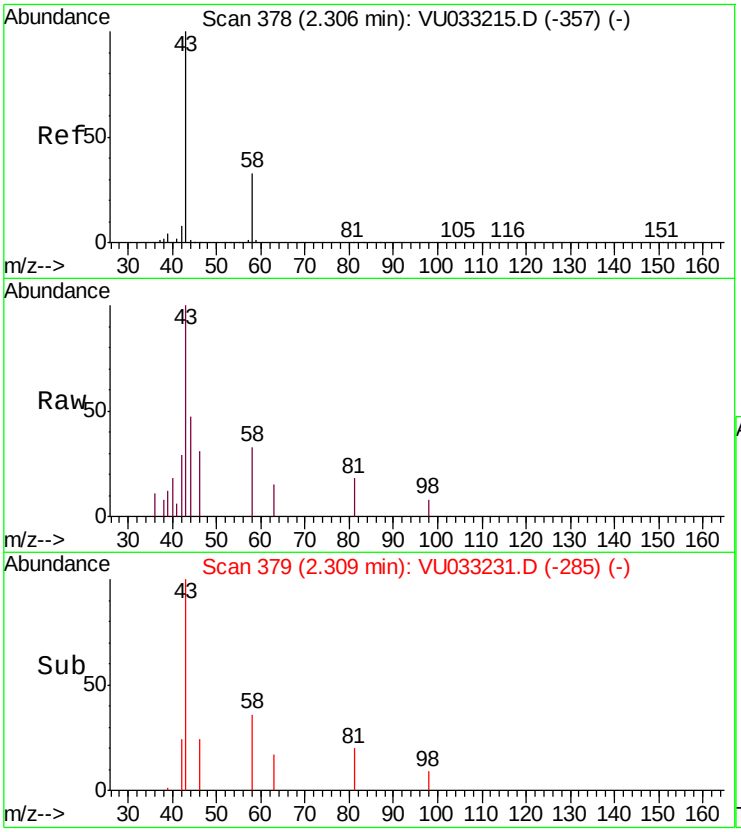


#12
1,1-Dichloroethene
Concen: 0.586 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.01 min
Lab File: VU033231.D
Acq: 12 Jul 2019 18:54

Tgt Ion: 96 Resp: 1176

Ion	Ratio	Lower	Upper
96	100		
61	1696.1	126.1	234.1#
63	13884.2	96.8	179.8#



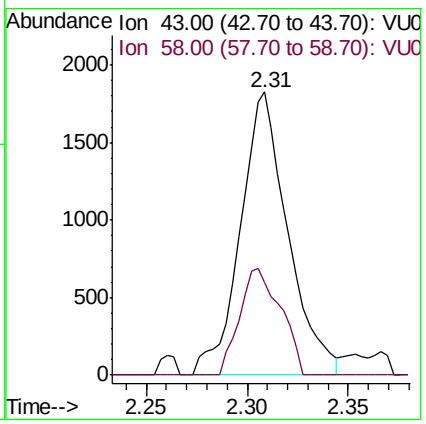


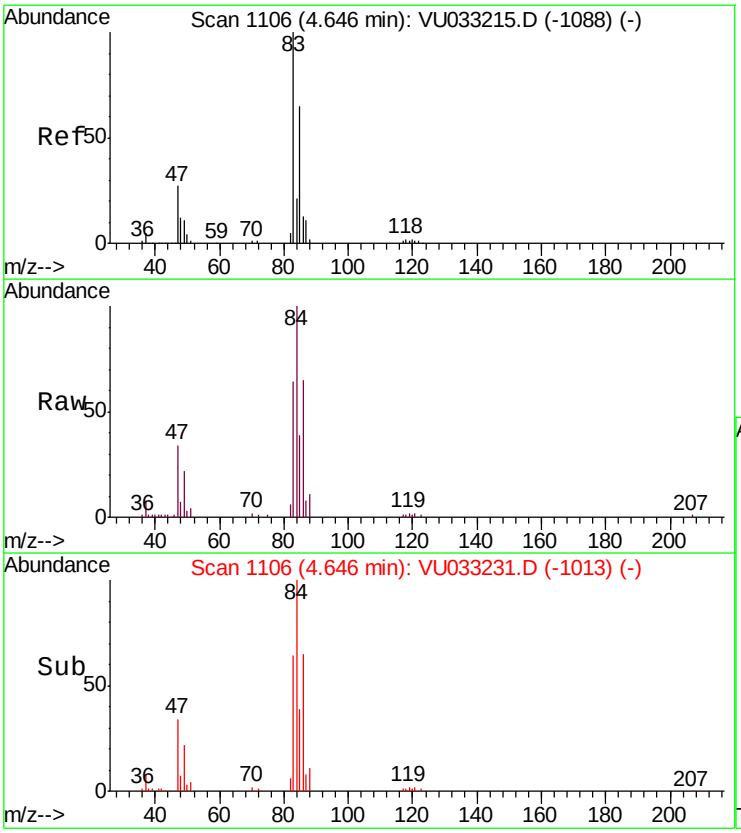
#13
Acetone
Concen: 1.667 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033231.D
Acq: 12 Jul 2019 18:54

Instrument :
MSVOA_U
ClientSampleId :
C0C91

Tgt Ion: 43 Resp: 3002

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	65.4

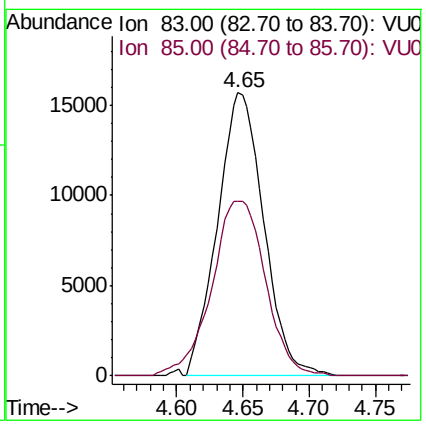


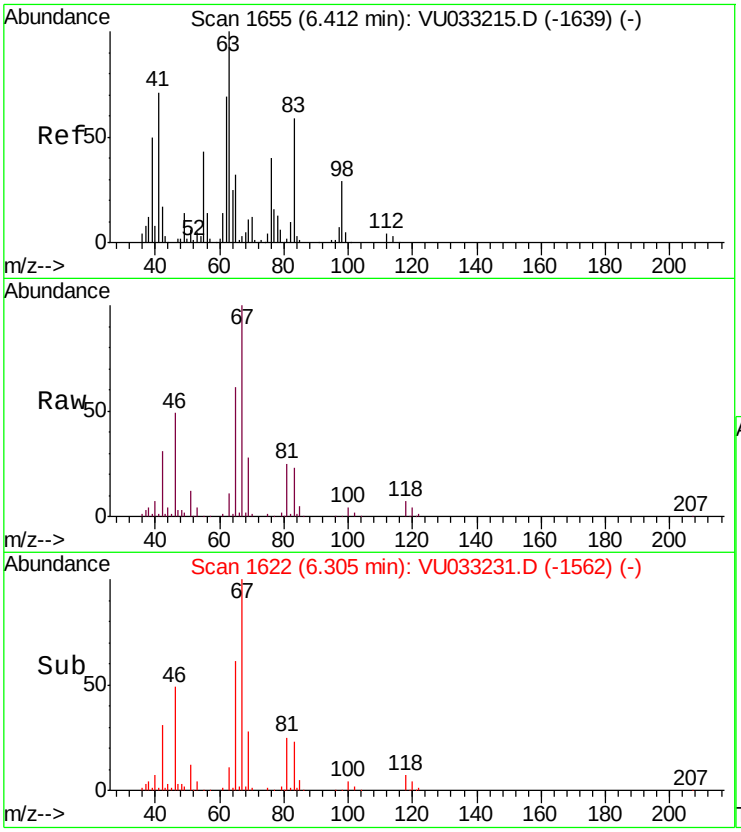


#25
Chloroform
Concen: 8.992 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033231.D
Acq: 12 Jul 2019 18:54

Tgt Ion: 83 Resp: 38107

Ion	Ratio	Lower	Upper
83	100		
85	61.7	45.4	84.4



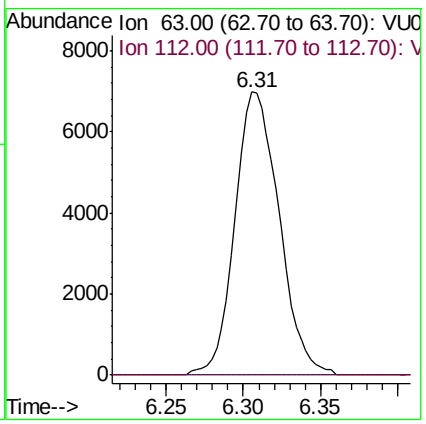


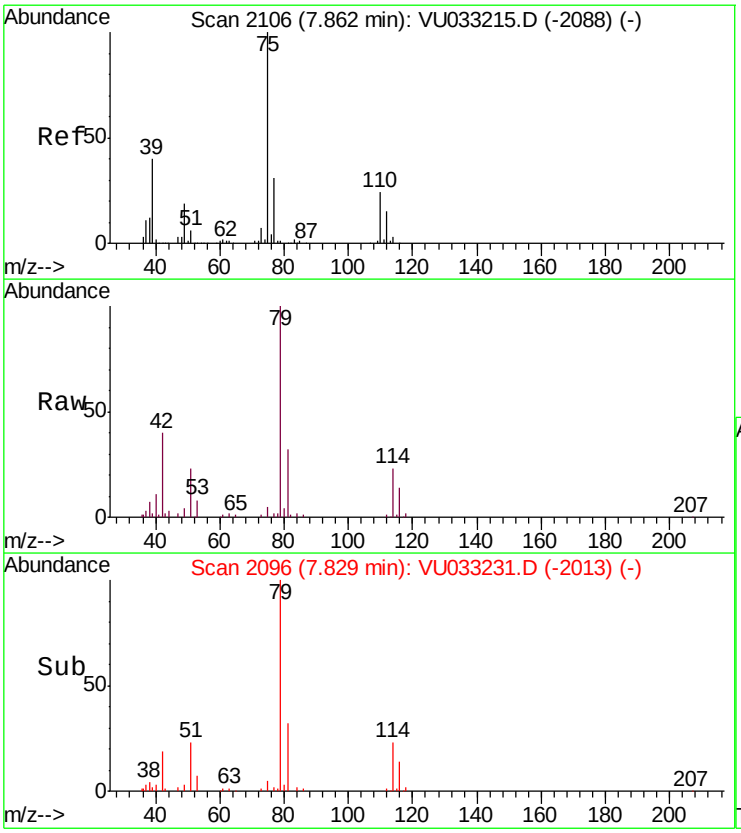
#37
1,2-Dichloropropane
Concen: 5.816 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.11 min
Lab File: VU033231.D
Acq: 12 Jul 2019 18:54

Instrument : MSVOA_U
ClientSampleId : C0C91

Tgt Ion: 63 Resp: 13898

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

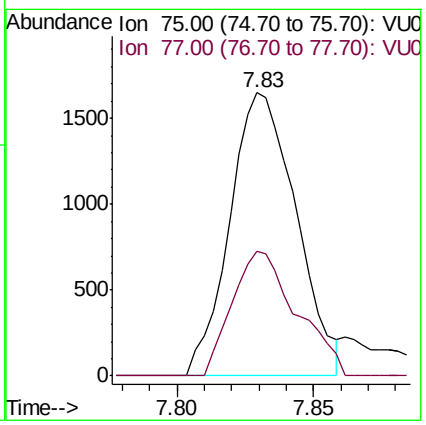


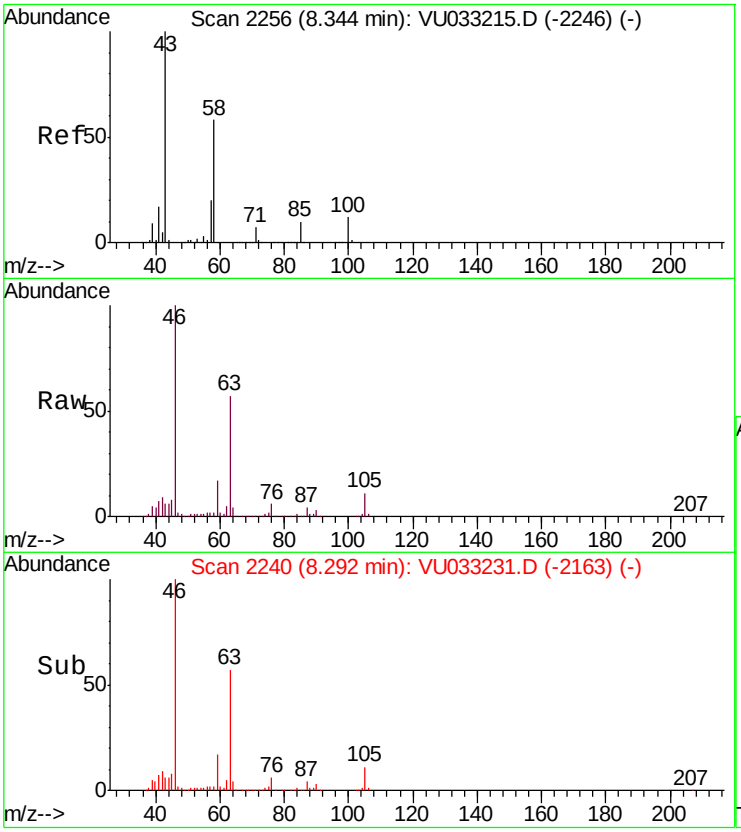


#44
trans-1,3-Dichloropropene
Concen: 0.844 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033231.D
Acq: 12 Jul 2019 18:54

Tgt Ion: 75 Resp: 2787

Ion	Ratio	Lower	Upper
75	100		
77	44.2	22.4	41.6#



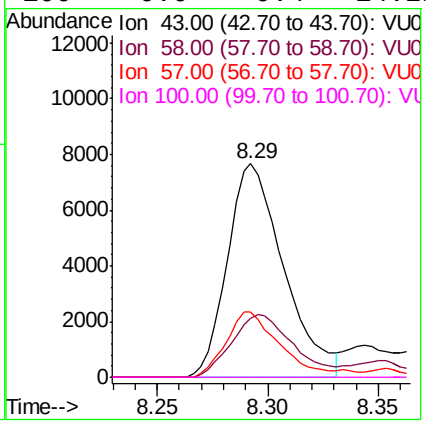


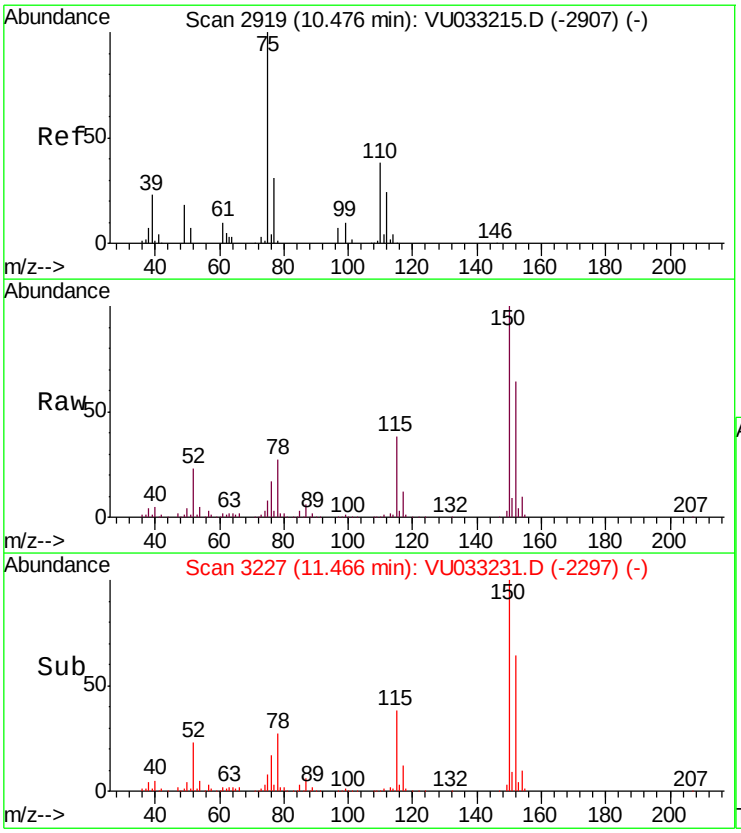
#48
2-Hexanone
Concen: 5.203 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033231.D
Acq: 12 Jul 2019 18:54

Instrument : MSVOA_U
ClientSampleId : C0C91

Tgt Ion: 43 Resp: 13587

Ion	Ratio	Lower	Upper
43	100		
58	31.9	46.1	69.1#
57	29.1	15.8	23.8#
100	0.0	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 5.264 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033231.D
Acq: 12 Jul 2019 18:54

Tgt Ion: 75 Resp: 16375

Ion	Ratio	Lower	Upper
75	100		
77	36.4	26.0	39.0