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

Quantitation Report (Not Reviewed)

Data File : VU033225.D
Acq On : 12 Jul 2019 16:36
Operator : JC/SP
Sample : K3724-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8T9

Quant Time: Jul 13 00:12:31 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	305332	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	299833	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	135142	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	119251	51.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.18%			
7) Chloroethane-d5	1.67	69	103686	52.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.02%			
11) 1,1-Dichloroethene-d2	2.26	63	158545	37.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.64%			
21) 2-Butanone-d5	4.15	46	134182	91.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.62%			
24) Chloroform-d	4.62	84	186621	48.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.36%			
26) 1,2-Dichloroethane-d4	5.29	65	129327	52.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.12%			
32) Benzene-d6	5.32	84	397716	54.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.14%			
36) 1,2-Dichloropropane-d6	6.31	67	126465	53.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.34%			
41) Toluene-d8	7.55	98	359142	51.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.56%			
43) trans-1,3-Dichloropropene-	7.83	79	61079	52.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.72%			
47) 2-Hexanone-d5	8.29	63	116941	110.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.09%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	182210	51.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.18%			
64) 1,2-Dichlorobenzene-d4	11.85	152	131894	54.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.46%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1545	0.742	ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1415	0.694	ug/L #	1
13) Acetone	2.31	43	9139	4.994	ug/L	98
15) Methyl Acetate	2.43	43	1538	0.644	ug/L #	50
25) Chloroform	4.64	83	7887	1.832	ug/L	97
40) 4-Methyl-2-pentanone	7.55	43	1564	0.492	ug/L #	1
44) trans-1,3-Dichloropropene	7.83	75	2977	0.908	ug/L	97
48) 2-Hexanone	8.29	43	13163	5.079	ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	16899	5.474	ug/L #	86

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

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

Quantitation Report (Not Reviewed)

Data File : VU033225.D
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Operator : JC/SP
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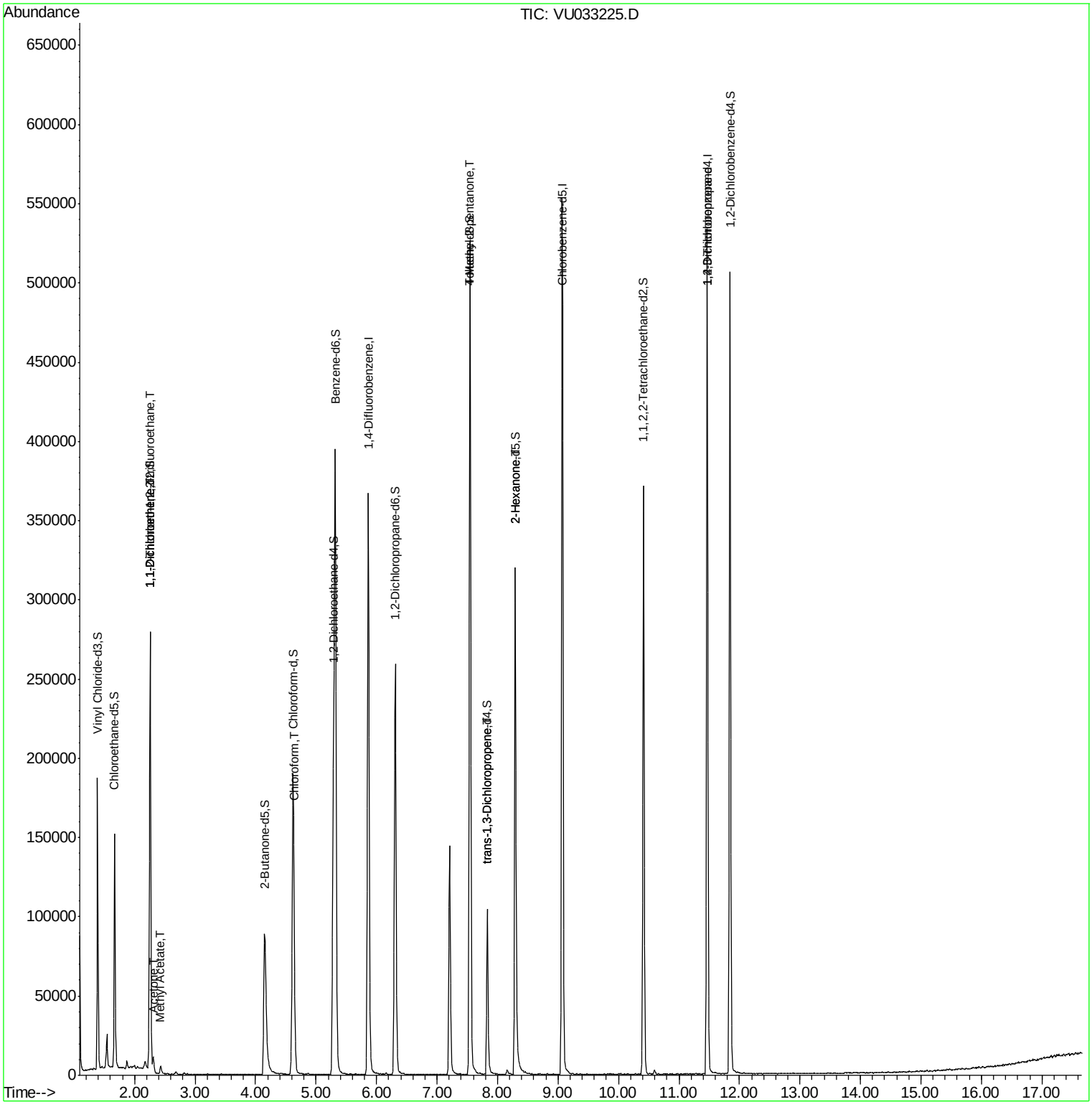
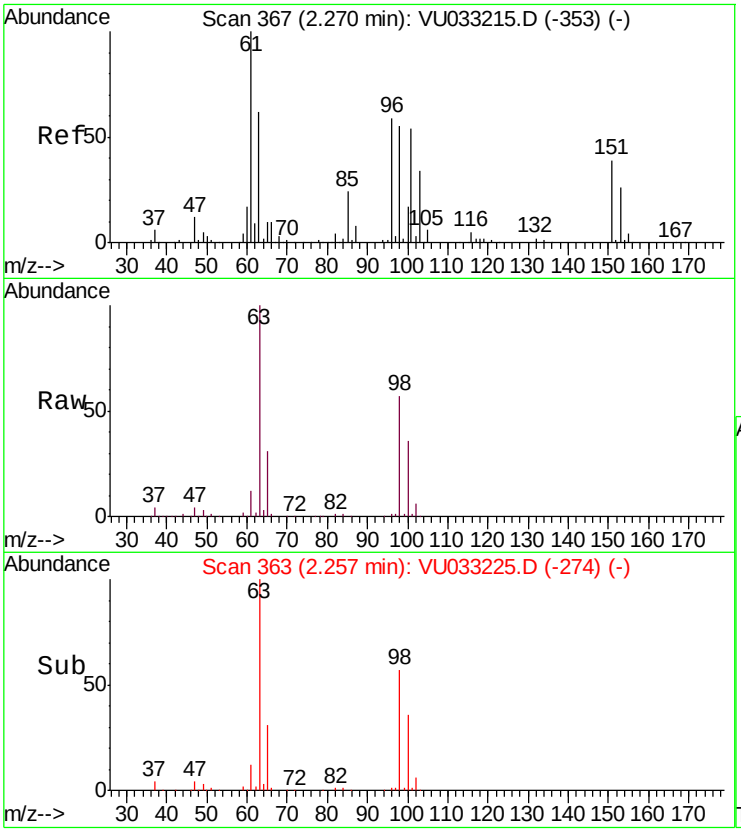
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8T9

Quant Time: Jul 13 00:12:31 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



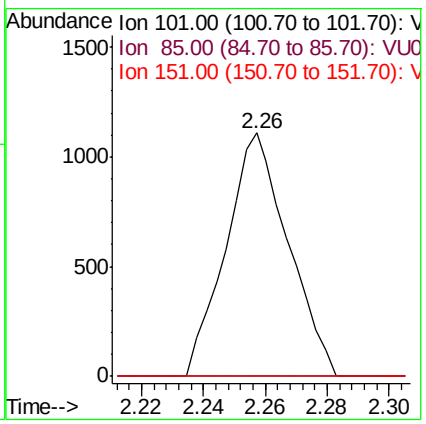


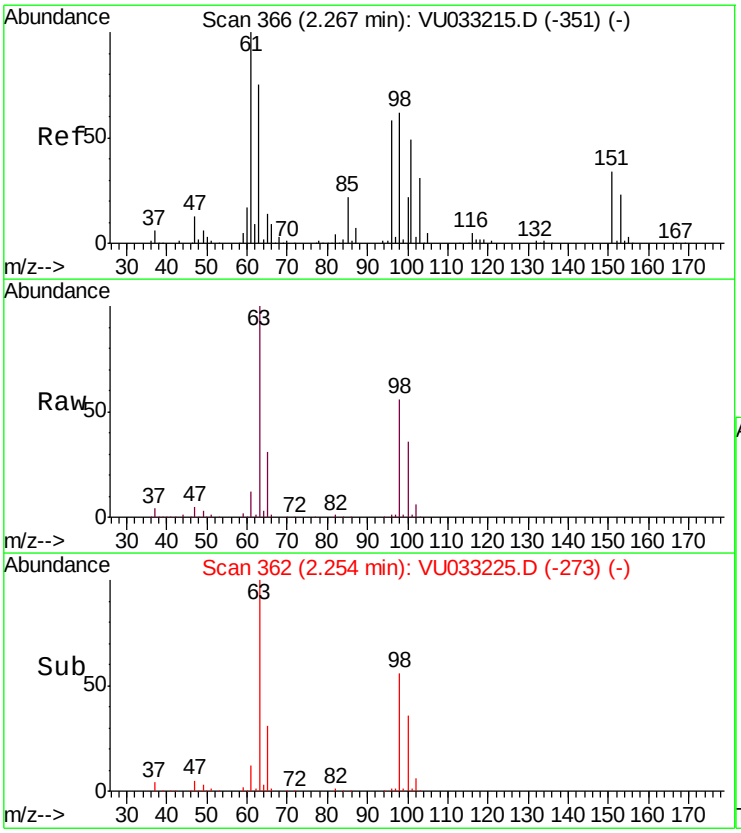
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.742 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Instrument : MSVOA_U
ClientSampleId : DB8T9

Tgt Ion:101 Resp: 1545

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

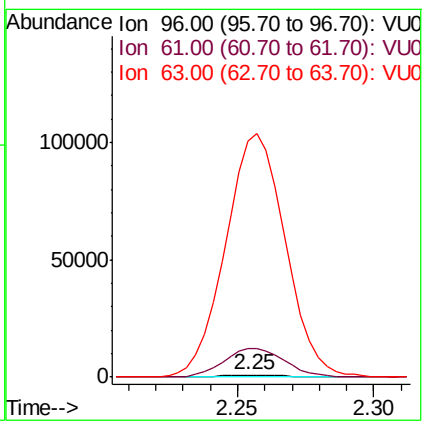


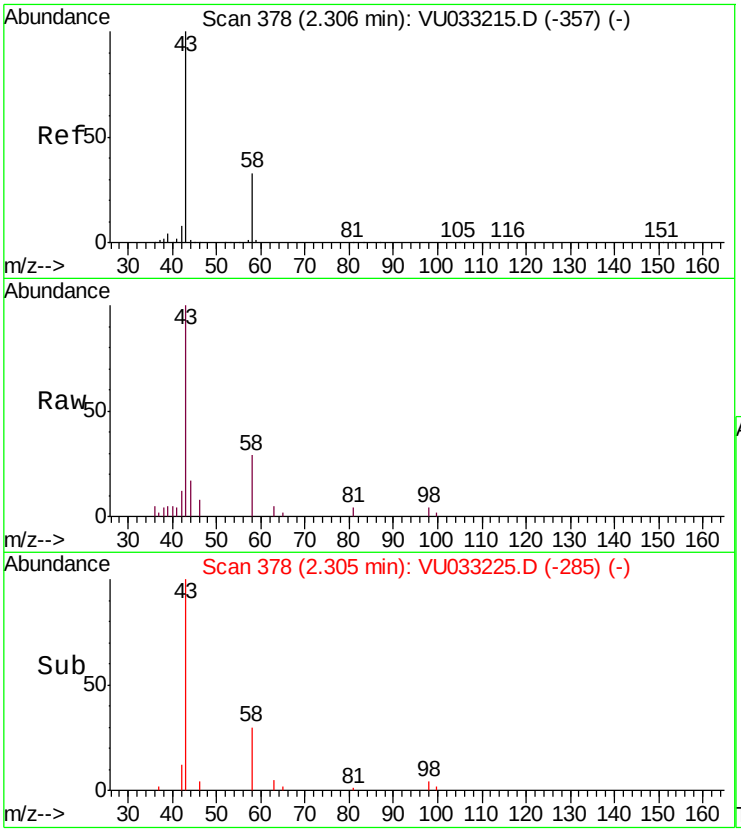


#12
1,1-Dichloroethene
Concen: 0.694 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.01 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Tgt Ion: 96 Resp: 1415

Ion	Ratio	Lower	Upper
96	100		
61	1364.7	126.1	234.1#
63	11249.3	96.8	179.8#



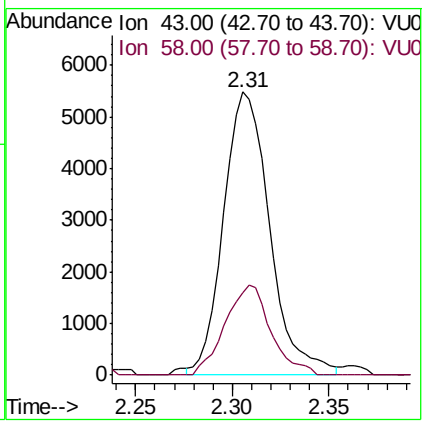


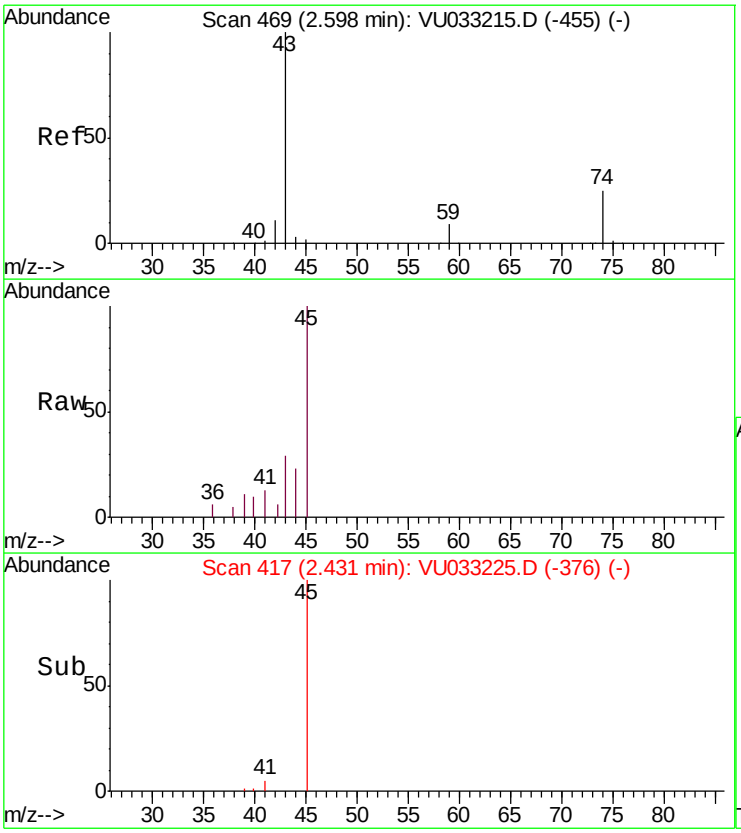
#13
Acetone
Concen: 4.994 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Instrument :
MSVOA_U
ClientSampleId :
DB8T9

Tgt Ion: 43 Resp: 9139

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	65.4

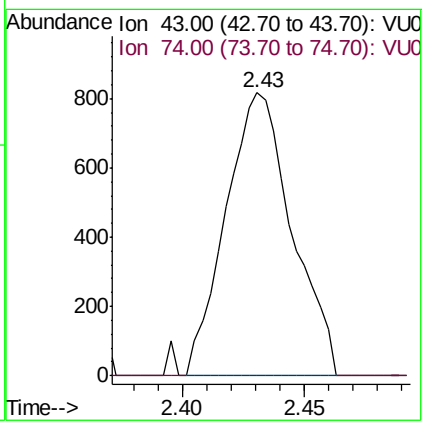


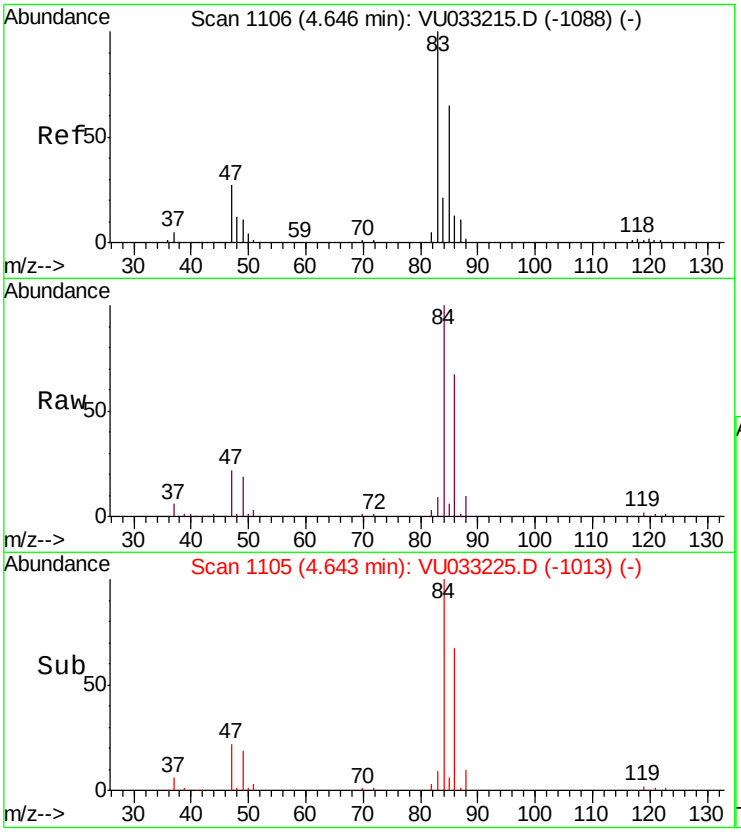


#15
Methyl Acetate
Concen: 0.644 ug/L
RT: 2.43 min Scan# 417
Delta R.T. -0.17 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Tgt Ion: 43 Resp: 1538

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.9	29.9#



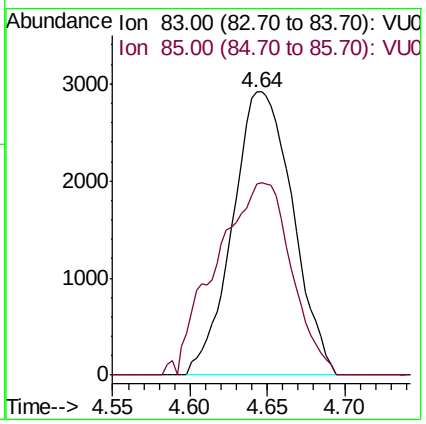


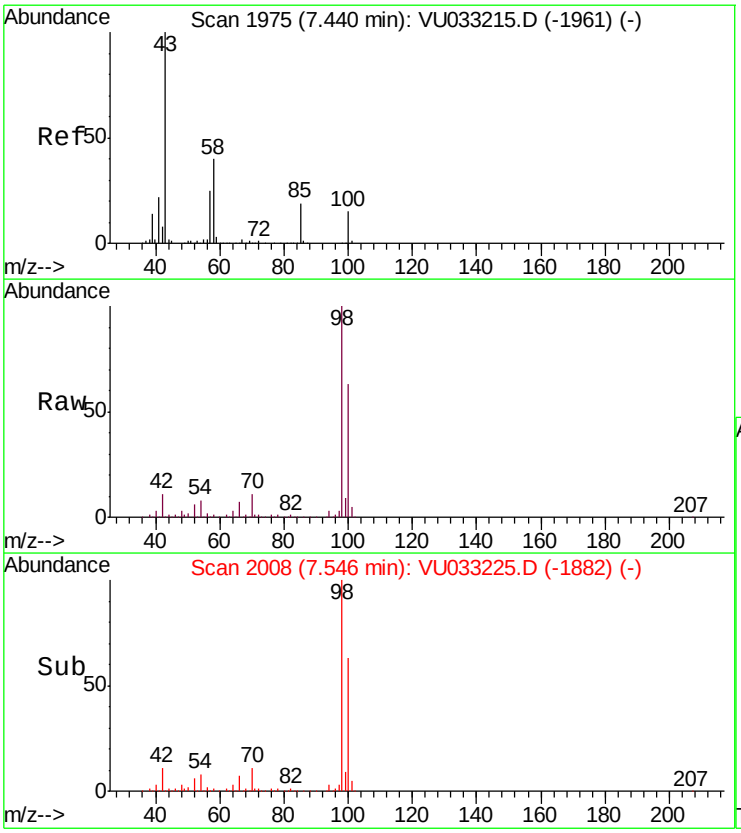
#25
Chloroform
Concen: 1.832 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Instrument :
MSVOA_U
ClientSampleId :
DB8T9

Tgt Ion: 83 Resp: 7887

Ion	Ratio	Lower	Upper
83	100		
85	67.5	45.4	84.4

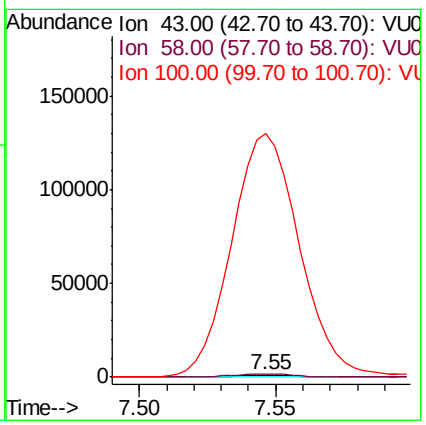


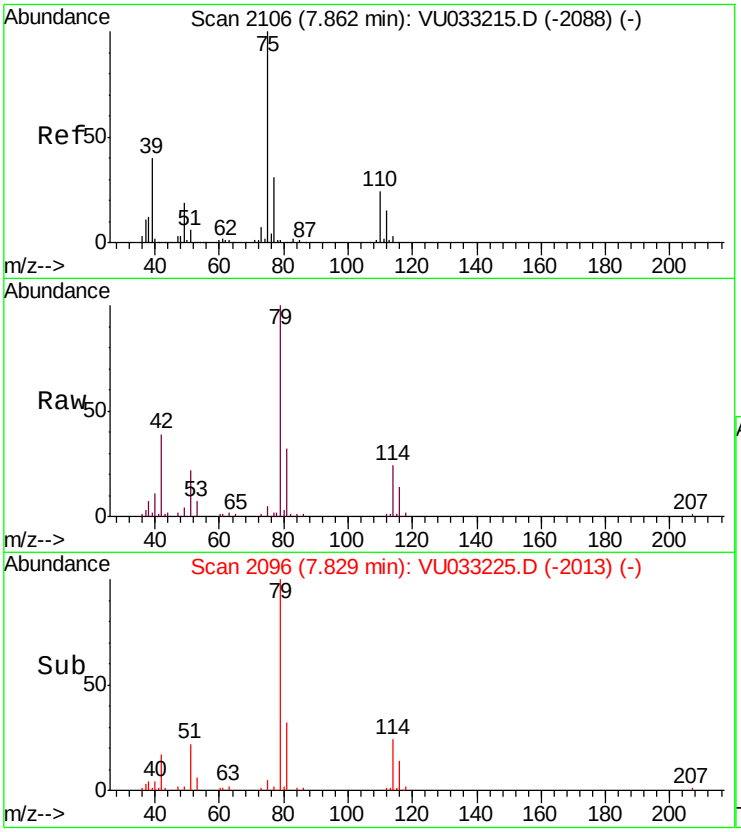


#40
4-Methyl-2-pentanone
Concen: 0.492 ug/L
RT: 7.55 min Scan# 2008
Delta R.T. 0.11 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Tgt Ion: 43 Resp: 1564

Ion	Ratio	Lower	Upper
43	100		
58	172.0	33.3	49.9#
100	14488.7	12.1	18.1#



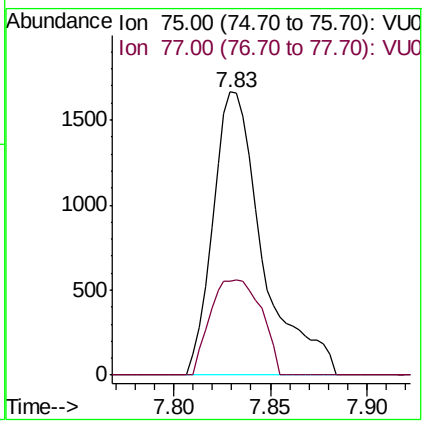


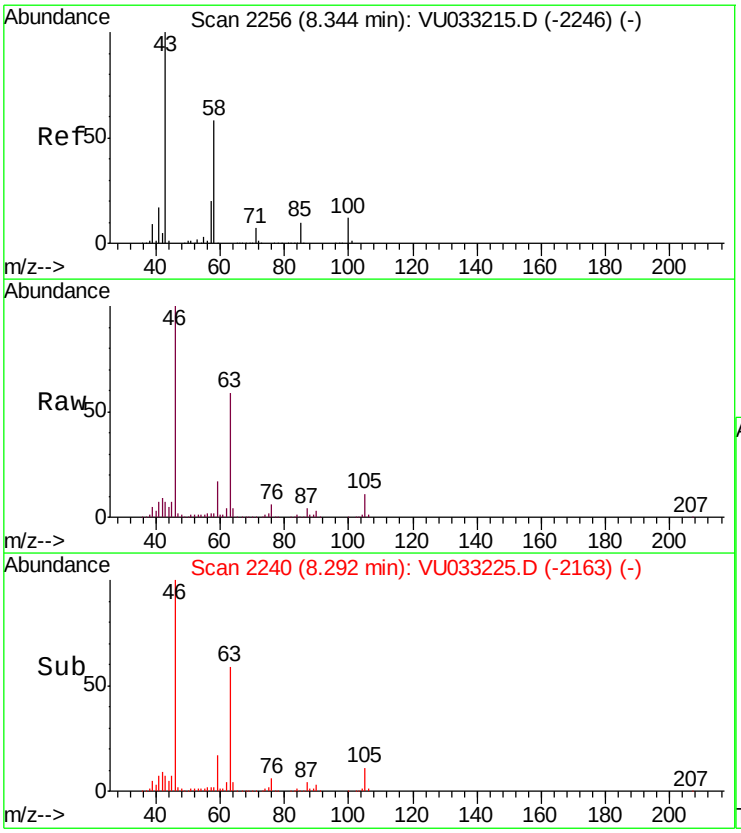
#44
trans-1,3-Dichloropropene
Concen: 0.908 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Instrument :
MSVOA_U
ClientSampleId :
DB8T9

Tgt Ion: 75 Resp: 2977

Ion	Ratio	Lower	Upper
75	100		
77	33.4	22.4	41.6

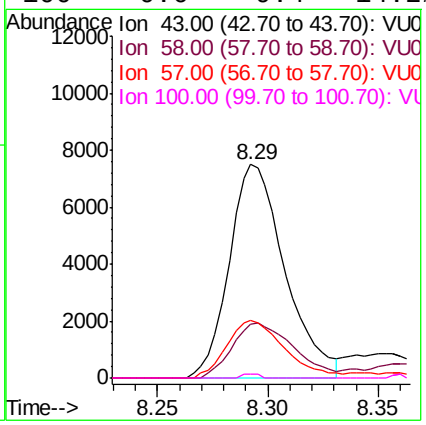


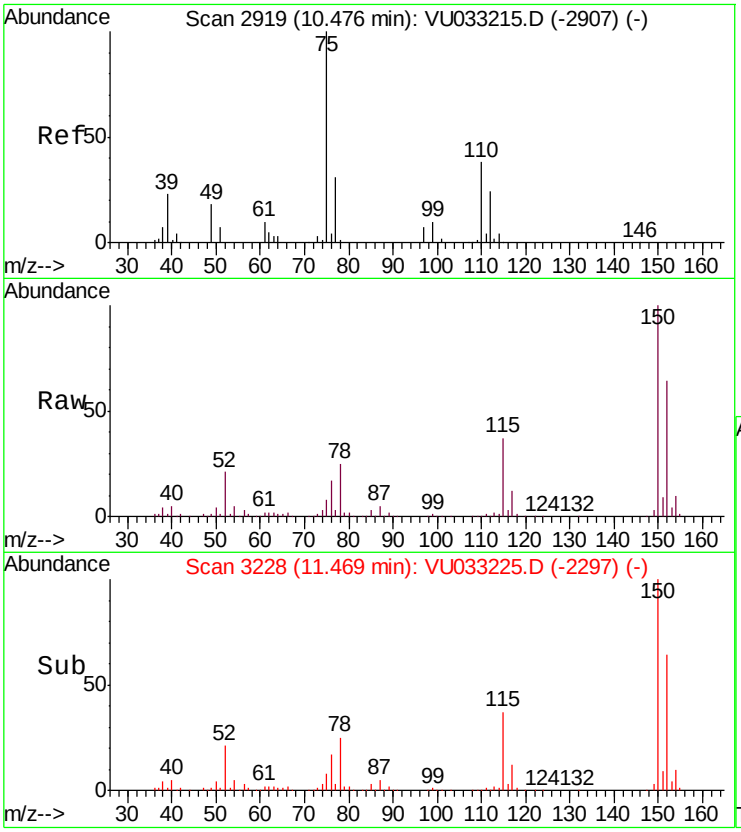


#48
2-Hexanone
Concen: 5.079 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Tgt Ion: 43 Resp: 13163

Ion	Ratio	Lower	Upper
43	100		
58	28.5	46.1	69.1#
57	27.9	15.8	23.8#
100	0.6	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 5.474 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033225.D
Acq: 12 Jul 2019 16:36

Instrument :
MSVOA_U
ClientSampleId :
DB8T9

Tgt Ion: 75 Resp: 16899

Ion	Ratio	Lower	Upper
75	100		
77	40.4	26.0	39.0#