Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071819\

Quantitation Report (Not Reviewed)

Data File : VU033325.D
Acq On : 18 Jul 2019 18:16
Operator : JC/SP
Sample : K3863-13
Misc : 3.55g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52F3

Quant Time: Jul 19 01:49:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	373974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	368755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	196041	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	124961	44.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.28%			
7) Chloroethane-d5	1.63	69	102688	42.46	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.92%			
11) 1,1-Dichloroethene-d2	2.22	63	214287	41.73	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.46%			
21) 2-Butanone-d5	4.16	46	200467	111.76	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.76%			
24) Chloroform-d	4.62	84	230576	48.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.28	65	154976	50.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.86%			
32) Benzene-d6	5.31	84	487686	53.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.82%			
36) 1,2-Dichloropropane-d6	6.31	67	154876	53.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.90%			
41) Toluene-d8	7.54	98	443916	52.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.08%			
43) trans-1,3-Dichloropropene-	7.83	79	76514	53.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.70%			
47) 2-Hexanone-d5	8.31	63	160150	122.59	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.59%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	246060	56.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	193533	55.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.72%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	1910	0.749	ug/L #	24
12) 1,1-Dichloroethene	2.23	96	1731	0.693	ug/L #	1
13) Acetone	2.32	43	3873	1.728	ug/L	86
15) Methyl Acetate	2.60	43	29916	10.222	ug/L	98
37) 1,2-Dichloropropane	6.31	63	16264	5.577	ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	3451	0.856	ug/L	85
59) 1,2,3-Trichloropropane	11.47	75	23216	6.115	ug/L	93

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

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Instrument :
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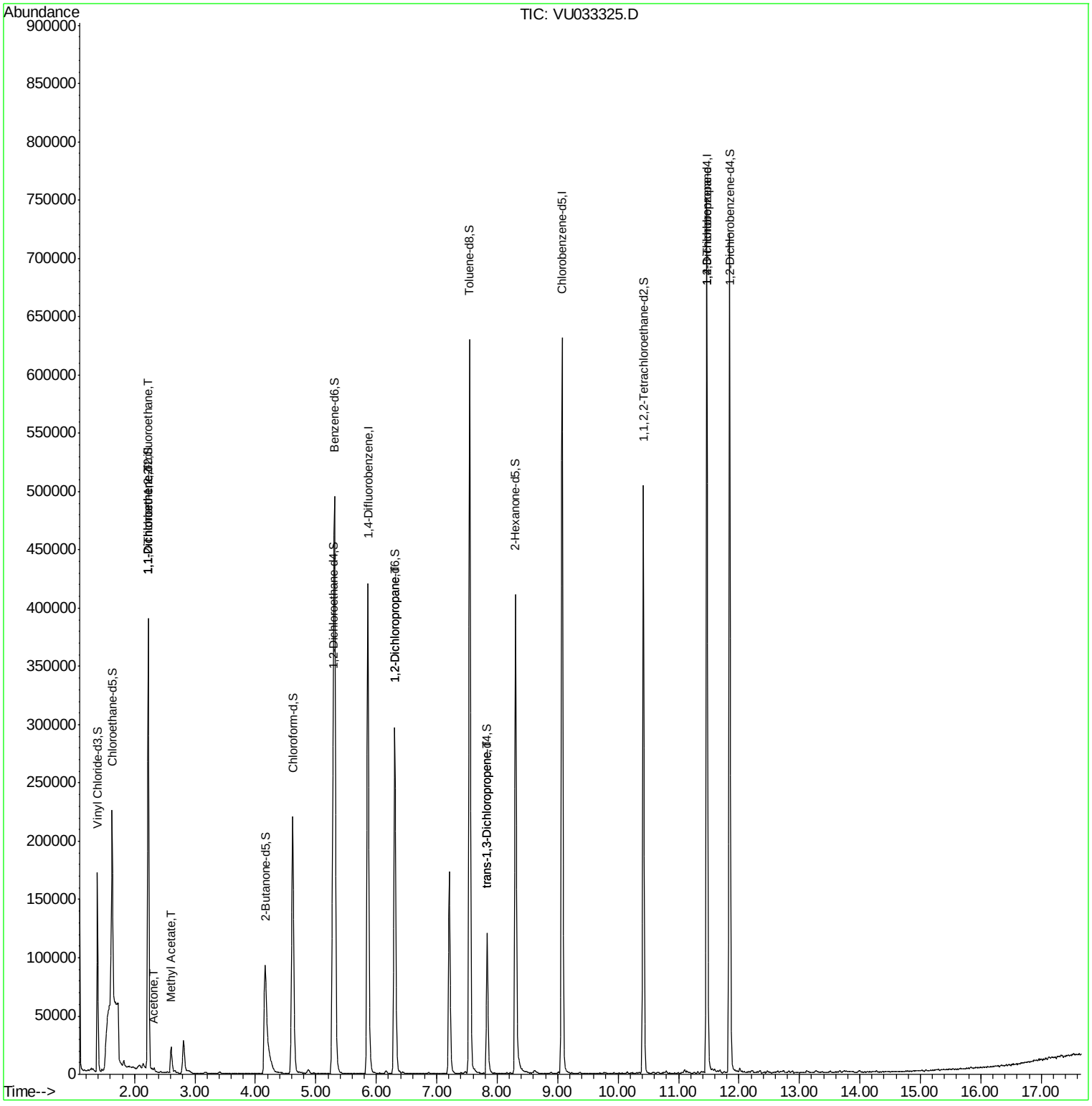
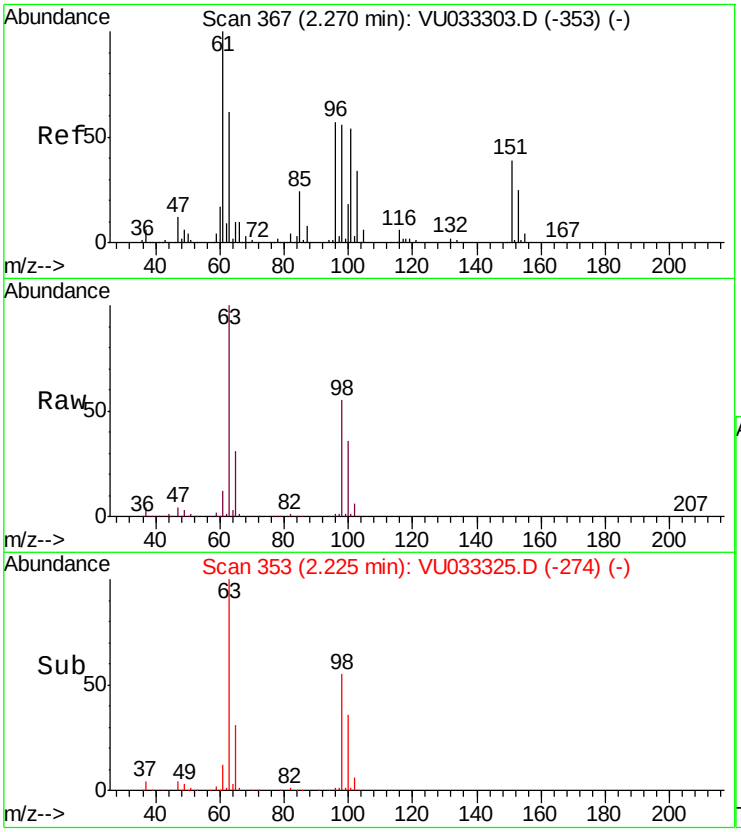
ClientSampleId :
A52F3

Quant Time: Jul 19 01:49:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration



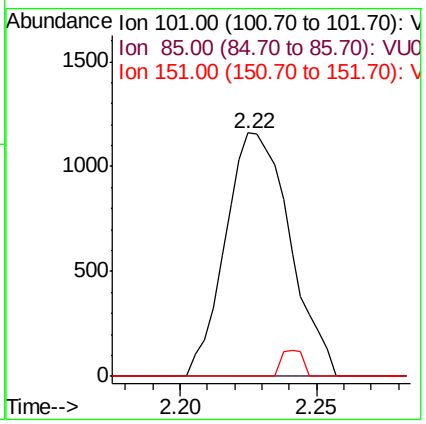


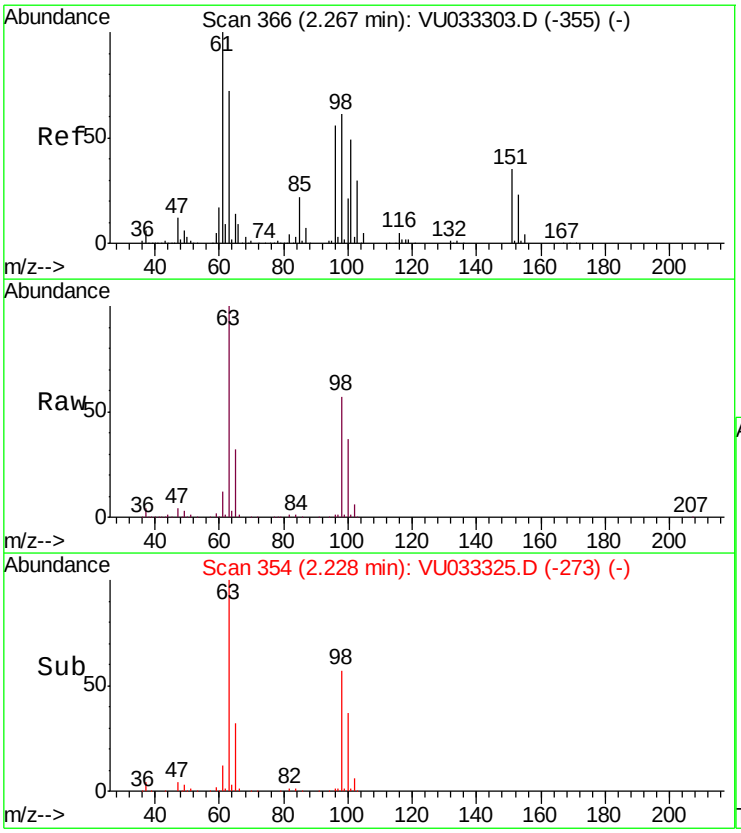
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.749 ug/L
RT: 2.22 min Scan# 353
Delta R.T. -0.05 min
Lab File: VU033325.D
Acq: 18 Jul 2019 18:16

Instrument :
MSVOA_U
ClientSampleId :
A52F3

Tgt Ion:101 Resp: 1910

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	3.6	56.7	85.1#

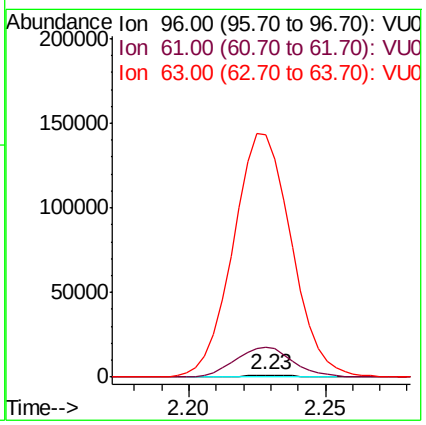


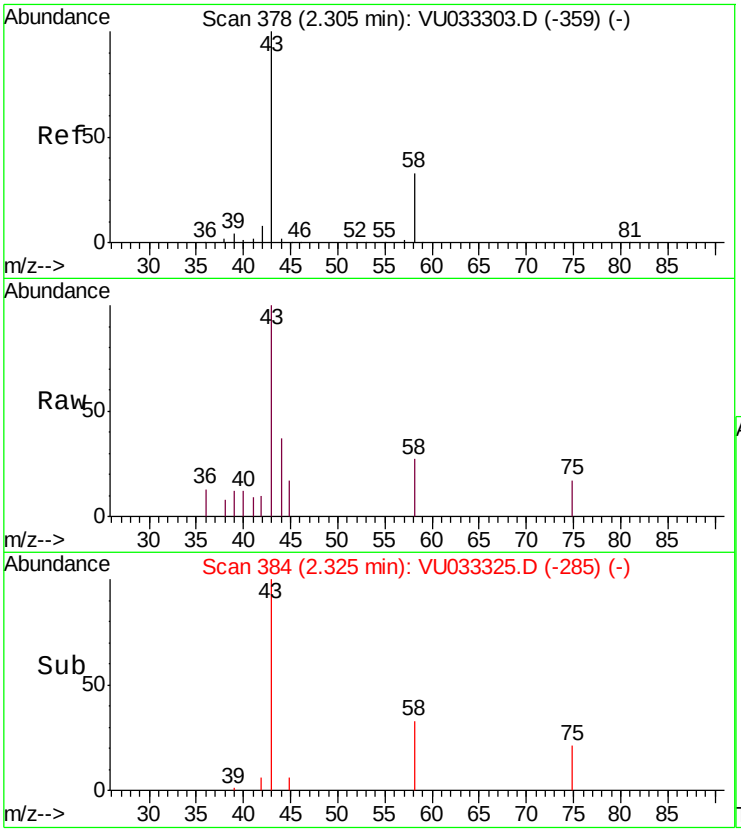


#12
1,1-Dichloroethene
Concen: 0.693 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.04 min
Lab File: VU033325.D
Acq: 18 Jul 2019 18:16

Tgt Ion: 96 Resp: 1731

Ion	Ratio	Lower	Upper
96	100		
61	1532.4	126.1	234.1#
63	12385.8	96.8	179.8#



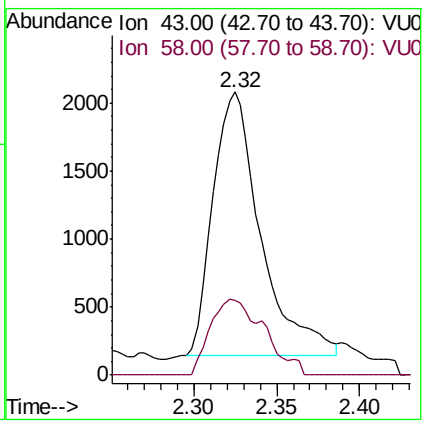


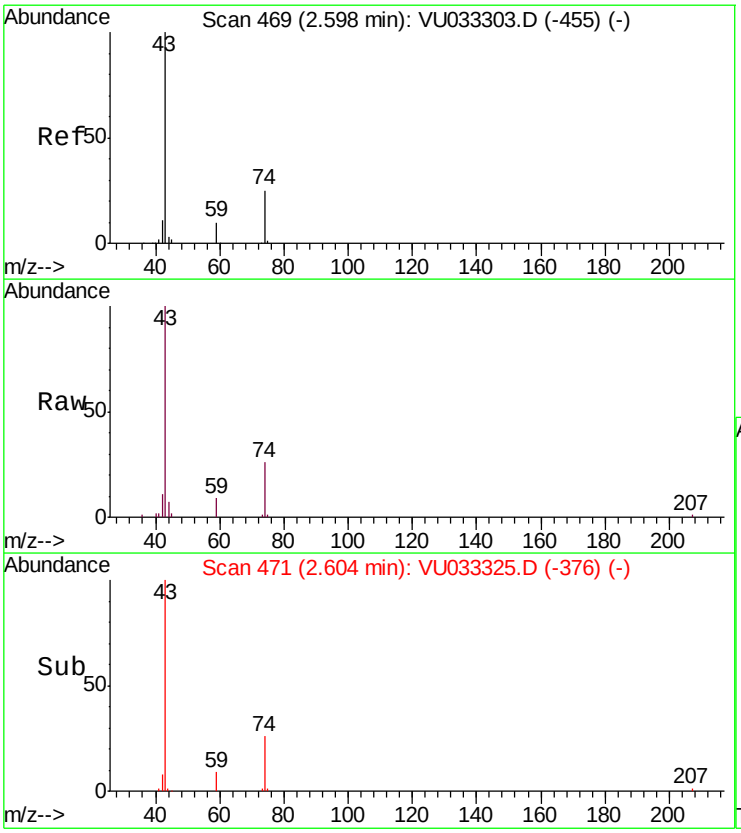
#13
Acetone
Concen: 1.728 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VU033325.D
Acq: 18 Jul 2019 18:16

Instrument :
MSVOA_U
ClientSampleId :
A52F3

Tgt Ion: 43 Resp: 3873

Ion	Ratio	Lower	Upper
43	100		
58	24.7	0.0	65.4

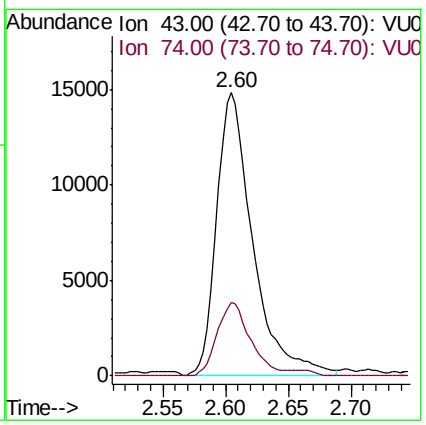


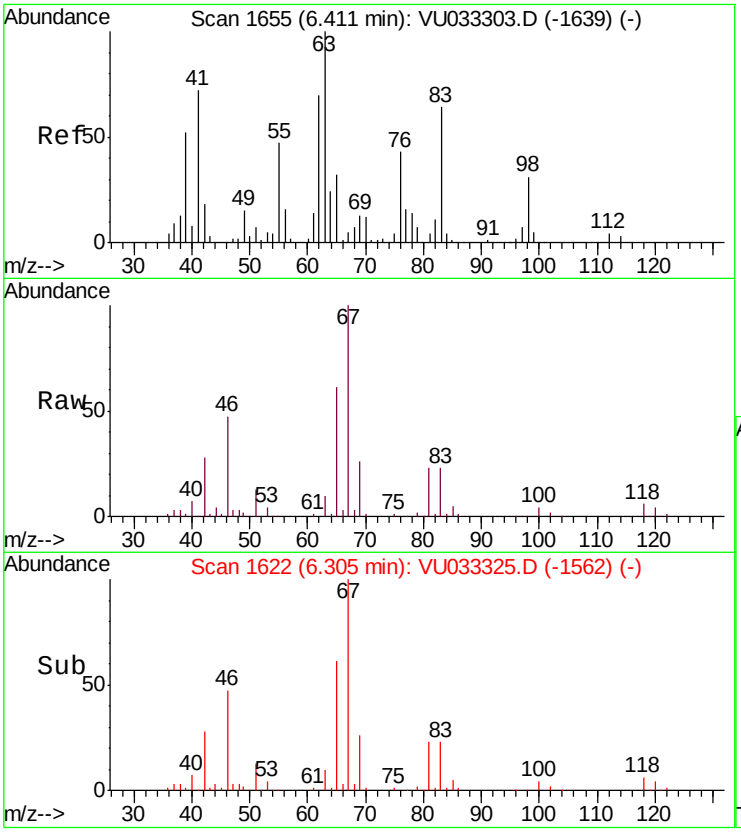


#15
Methyl Acetate
Concen: 10.222 ug/L
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU033325.D
Acq: 18 Jul 2019 18:16

Tgt Ion: 43 Resp: 29916

Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.9	29.9



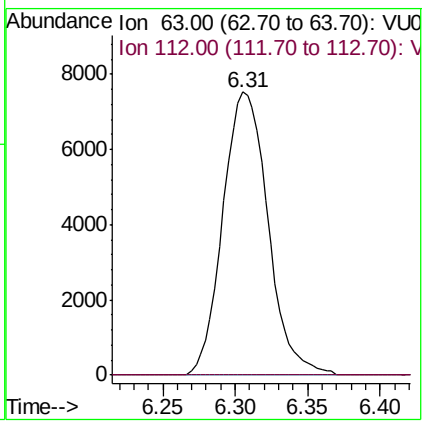


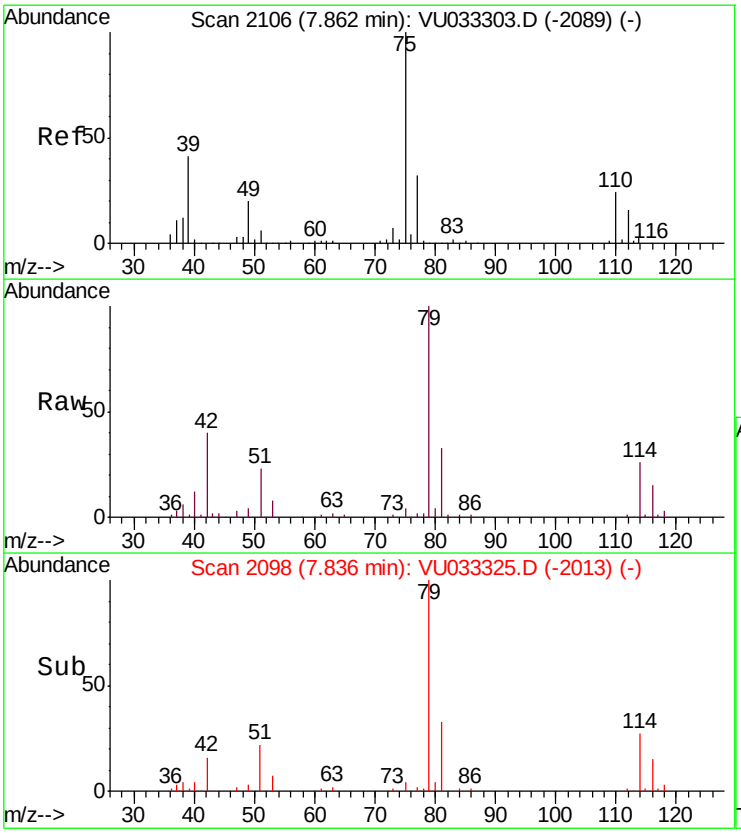
#37
1,2-Dichloropropane
Concen: 5.577 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.11 min
Lab File: VU033325.D
Acq: 18 Jul 2019 18:16

Instrument :
MSVOA_U
ClientSampleId :
A52F3

Tgt Ion: 63 Resp: 16264

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

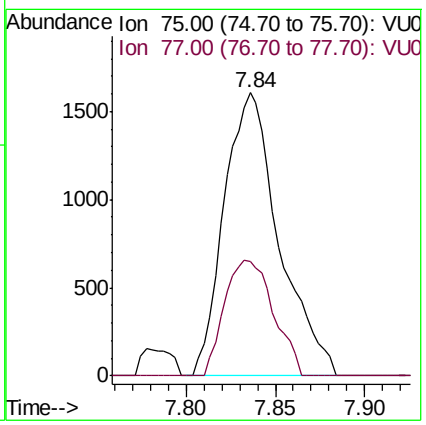


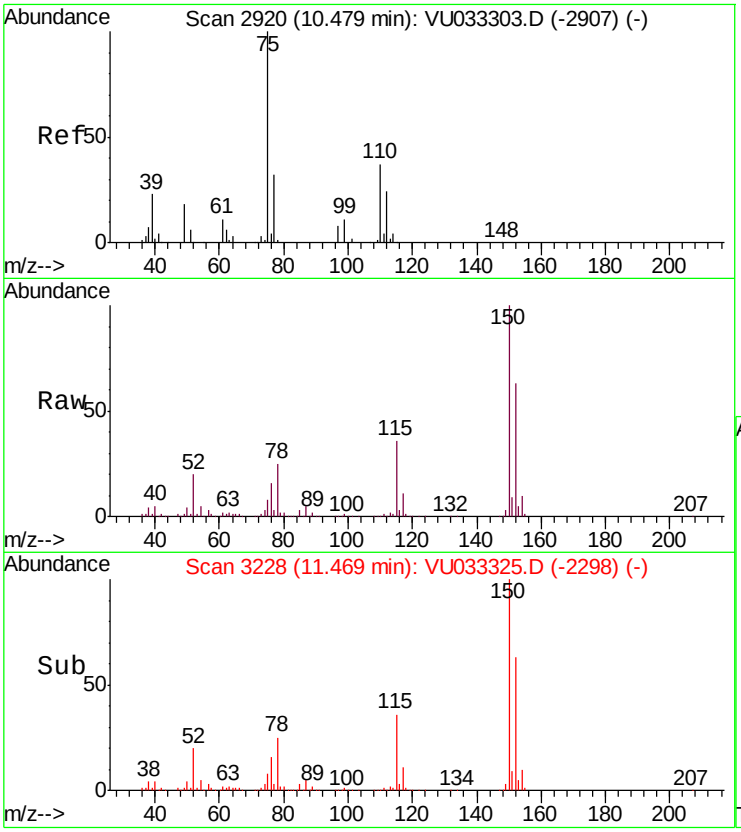


#44
trans-1,3-Dichloropropene
Concen: 0.856 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033325.D
Acq: 18 Jul 2019 18:16

Tgt Ion: 75 Resp: 3451

Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.4	41.6





#59
1,2,3-Trichloropropane
Concen: 6.115 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033325.D
Acq: 18 Jul 2019 18:16

Instrument :
MSVOA_U
ClientSampleId :
A52F3

Tgt Ion: 75 Resp: 23216

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.0	39.0