Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
Data File : VU025435.D
Acq On : 16 Jul 2018 19:43
Operator : MD/SY
Sample : PB111022ZHE#03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB111022ZHE#03

Quant Time: Jul 17 03:56:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 17 02:54:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	341655	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	306951	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136852	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	80510	43.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.64%			
7) Chloroethane-d5	1.67	69	68701	45.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.08%			
11) 1,1-Dichloroethene-d2	2.27	63	124253	31.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.60%			
21) 2-Butanone-d5	4.18	46	196591	105.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.91%			
24) Chloroform-d	4.65	84	192320	44.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.24%			
26) 1,2-Dichloroethane-d4	5.31	65	136307	45.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.66%			
32) Benzene-d6	5.34	84	374477	48.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.12%			
36) 1,2-Dichloropropane-d6	6.33	67	123586	49.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.08%			
41) Toluene-d8	7.57	98	346762	45.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.52%			
43) trans-1,3-Dichloropropene-	7.85	79	56737	44.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.66%			
47) 2-Hexanone-d5	8.31	63	149634	112.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.45%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	181099	47.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	136870	47.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.74%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	5414	1.692	ug/L	98
13) Acetone	2.32	43	19745	10.105	ug/L	98
15) Methyl Acetate	2.62	43	11464	3.947	ug/L	98
16) Methylene chloride	2.70	84	16630	6.410	ug/L	97
22) 2-Butanone	4.27	43	2861	1.216	ug/L	75

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

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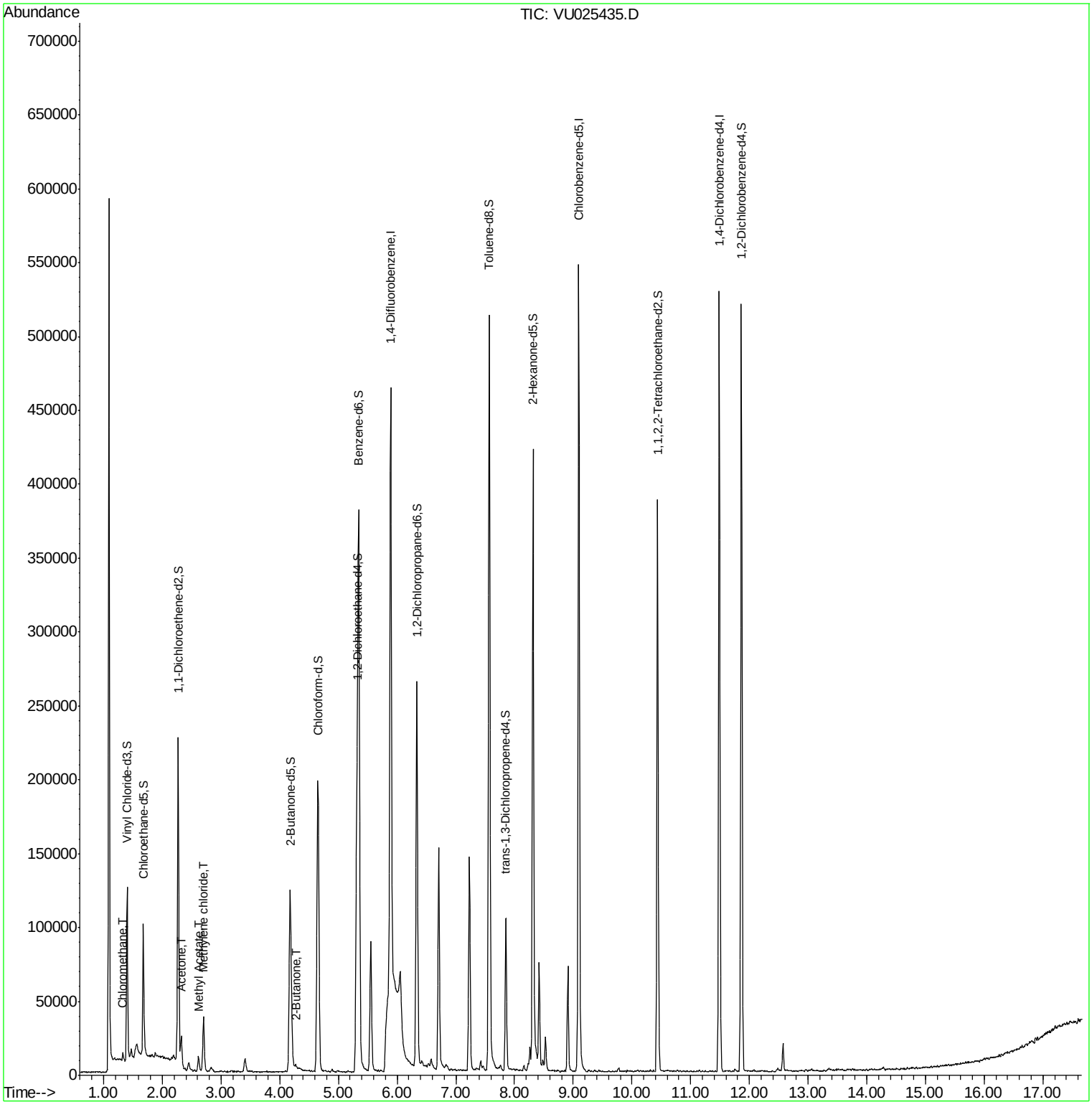
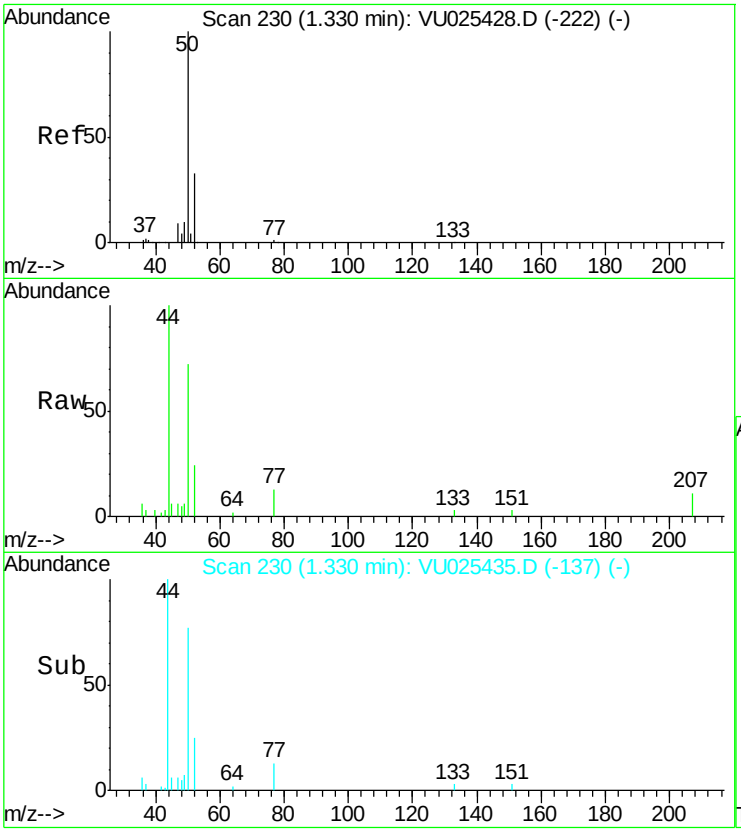


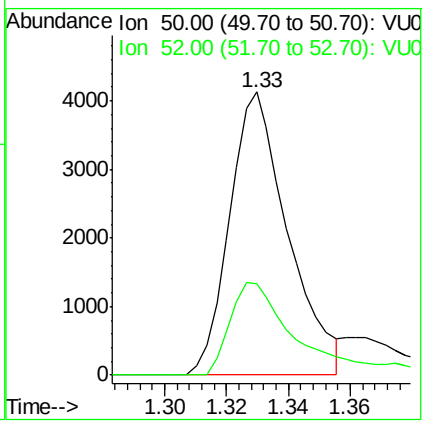


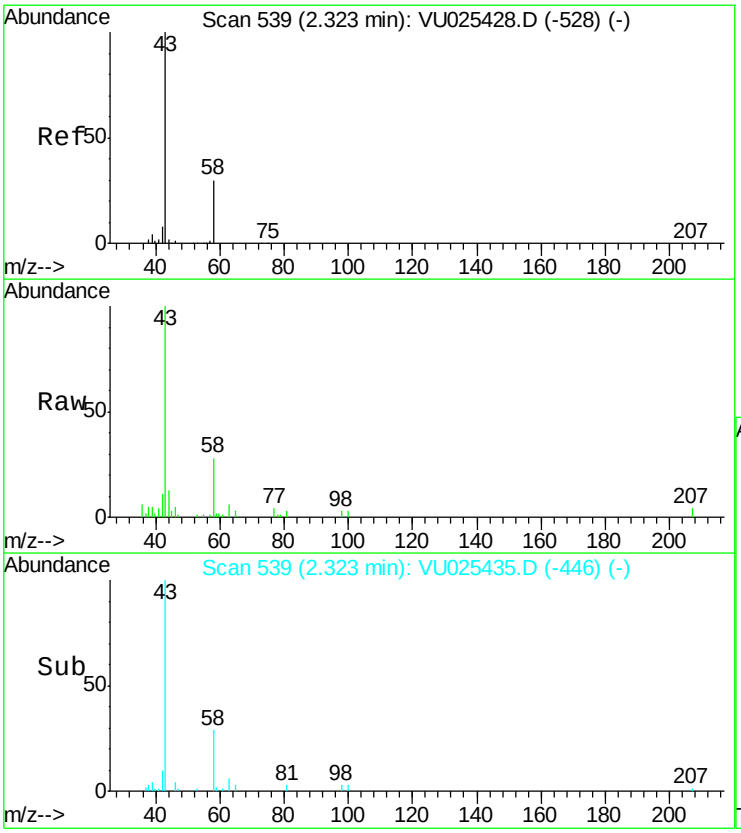
#3
Chloromethane
Concen: 1.692 ug/L
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025435.D
Acq: 16 Jul 2018 19:43

Instrument :
MSVOA_U
ClientSampleId :
PB111022ZHE#03

Tgt Ion: 50 Resp: 5414

Ion	Ratio	Lower	Upper
50	100		
52	32.5	23.5	43.7

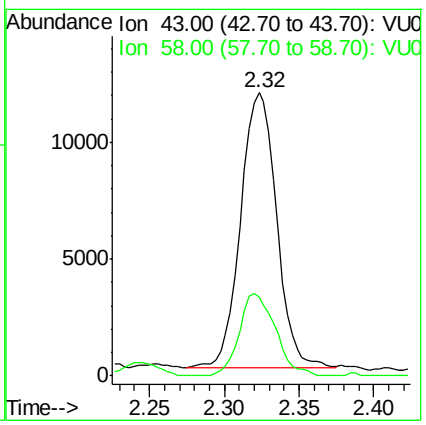


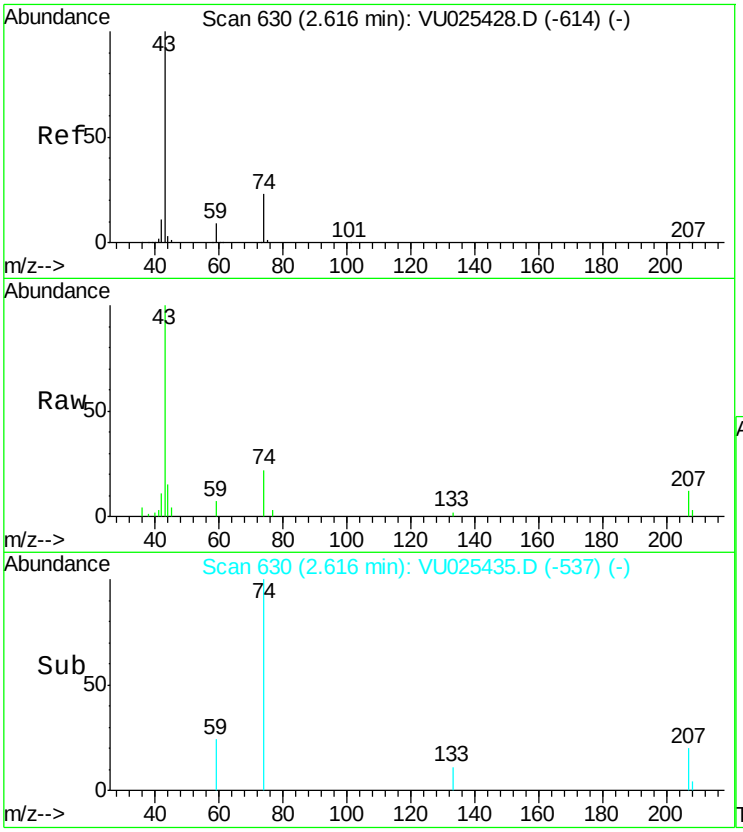


#13
Acetone
Concen: 10.105 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025435.D
Acq: 16 Jul 2018 19:43

Tgt Ion: 43 Resp: 19745

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	58.4



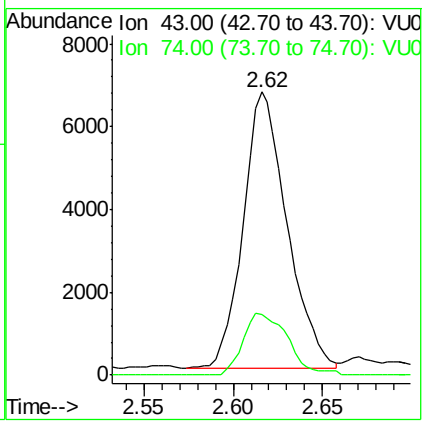


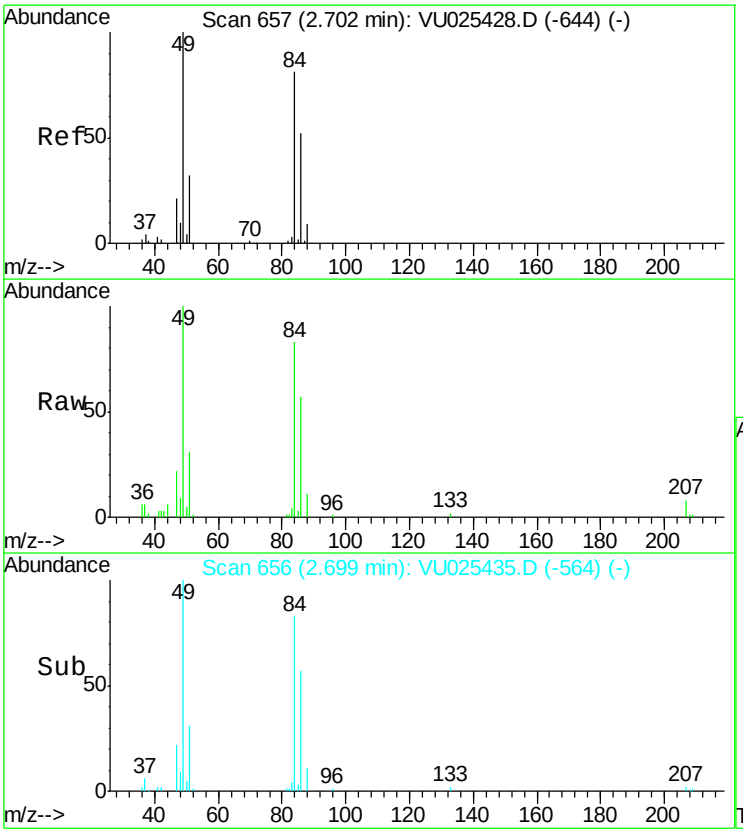
#15
Methyl Acetate
Concen: 3.947 ug/L
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025435.D
Acq: 16 Jul 2018 19:43

Instrument :
MSVOA_U
ClientSampleId :
PB111022ZHE#03

Tgt Ion: 43 Resp: 11464

Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.8	28.2

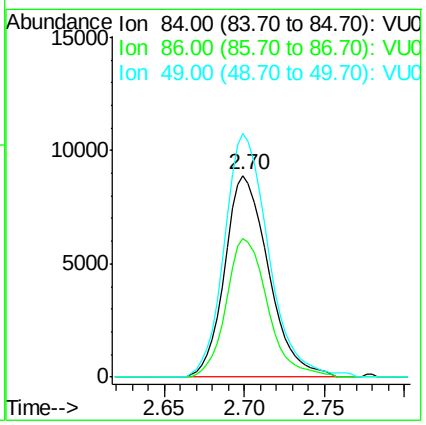


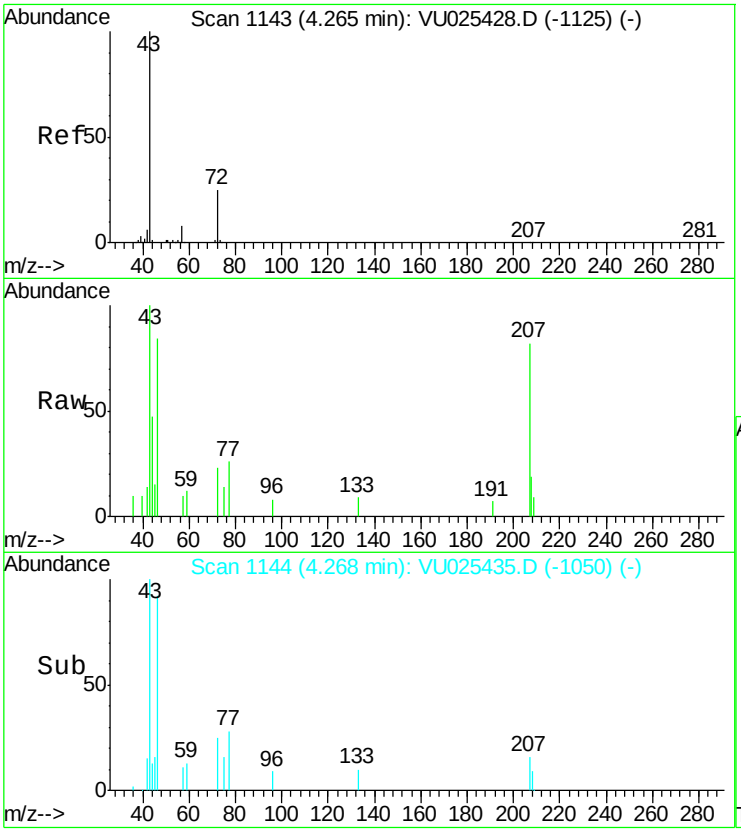


#16
Methylene chloride
Concen: 6.410 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU025435.D
Acq: 16 Jul 2018 19:43

Tgt Ion: 84 Resp: 16630

Ion	Ratio	Lower	Upper
84	100		
86	68.7	45.2	84.0
49	120.6	83.6	155.2





#22
2-Butanone
Concen: 1.216 ug/L
RT: 4.27 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU025435.D
Acq: 16 Jul 2018 19:43

Instrument :
MSVOA_U
ClientSampleId :
PB111022ZHE#03

Tgt Ion: 43 Resp: 2861

Ion	Ratio	Lower	Upper
43	100		
72	13.9	13.3	39.9