Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025606.D
Acq On : 23 Jul 2018 16:45
Operator : MD/SY
Sample : PB111343ZHE#12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB111343ZHE#12

Quant Time: Jul 24 02:09:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324705	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151659	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	66893	36.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.18%			
7) Chloroethane-d5	1.68	69	58917	38.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.06%			
11) 1,1-Dichloroethene-d2	2.27	63	115761	30.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.00%			
21) 2-Butanone-d5	4.18	46	159319	111.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.33%			
24) Chloroform-d	4.65	84	181256	43.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.31	65	125668	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.04%			
32) Benzene-d6	5.35	84	341303	43.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.62%			
36) 1,2-Dichloropropane-d6	6.34	67	114510	45.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.24%			
41) Toluene-d8	7.57	98	321643	43.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.10%			
43) trans-1,3-Dichloropropene-	7.85	79	55484	43.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.54%			
47) 2-Hexanone-d5	8.31	63	120495	114.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.63%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	165781	47.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	144389	46.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.96%			
Target Compounds						Qvalue
13) Acetone	2.32	43	9320	5.548	ug/L	95
15) Methyl Acetate	2.62	43	5702	2.456	ug/L	91
16) Methylene chloride	2.71	84	2886	1.264	ug/L	96
35) Methylcyclohexane	6.34	83	27453	7.352	ug/L #	19
37) 1,2-Dichloropropane	6.34	63	13295	5.574	ug/L #	88
48) 2-Hexanone	8.31	43	14384	5.435	ug/L #	65
59) 1,2,3-Trichloropropane	11.49	75	16255	5.802	ug/L #	85

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

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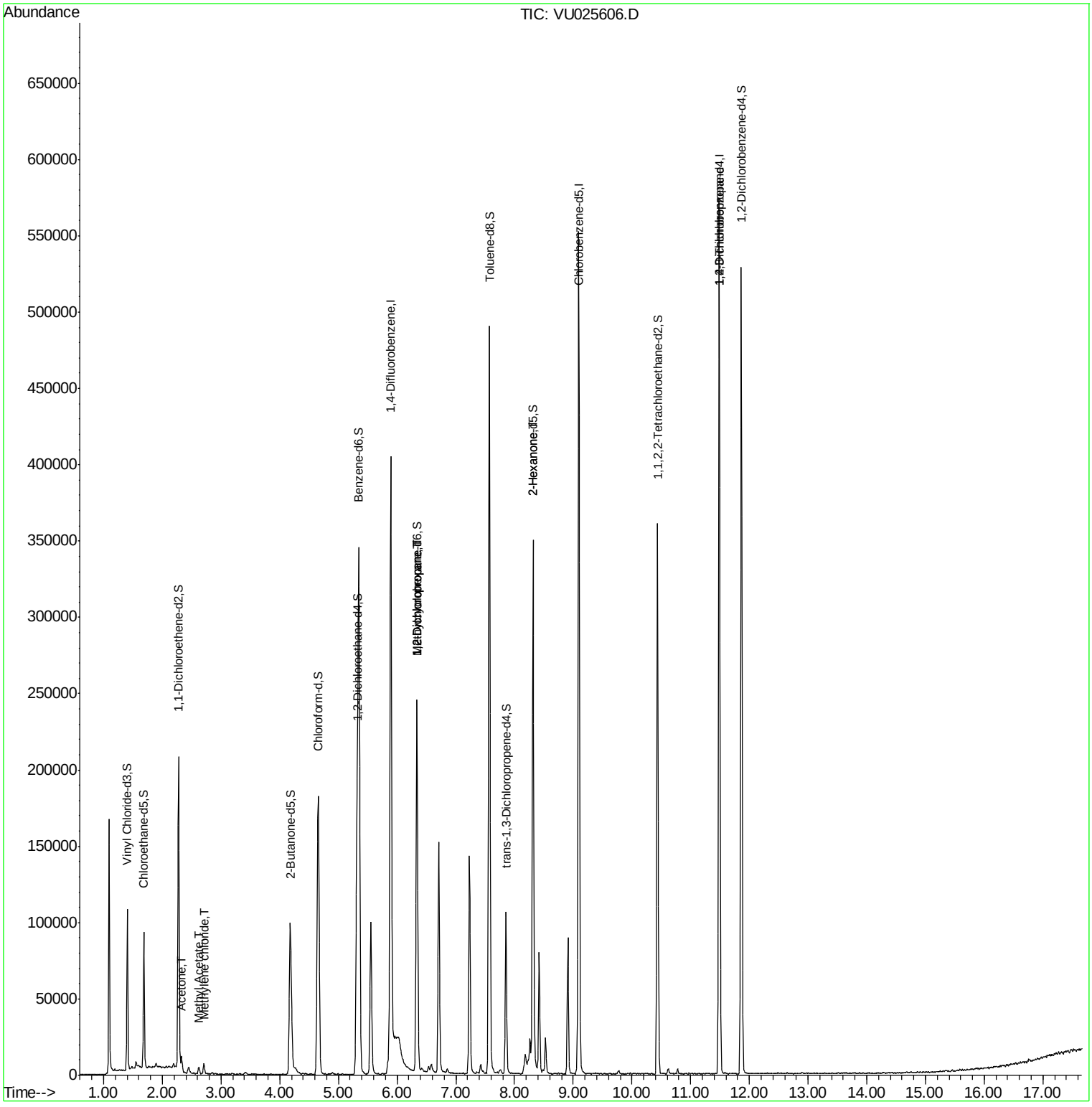
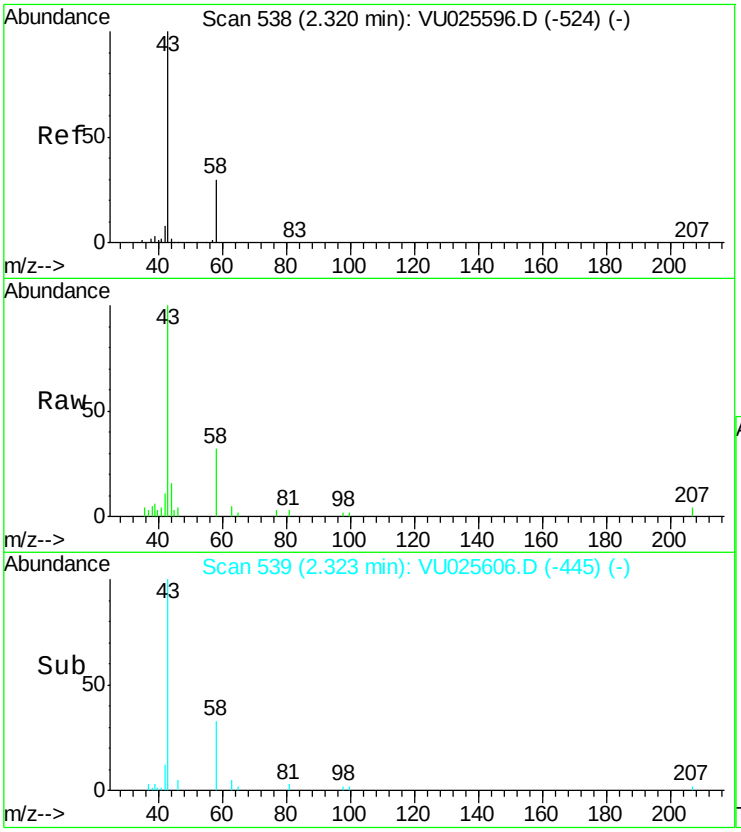


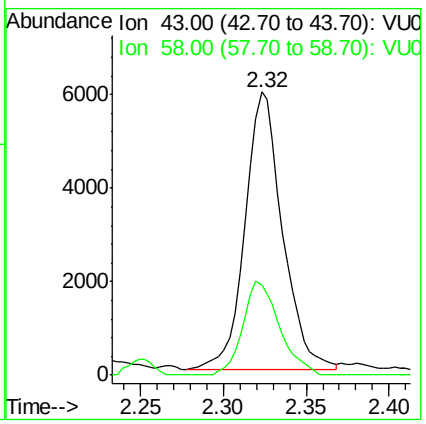


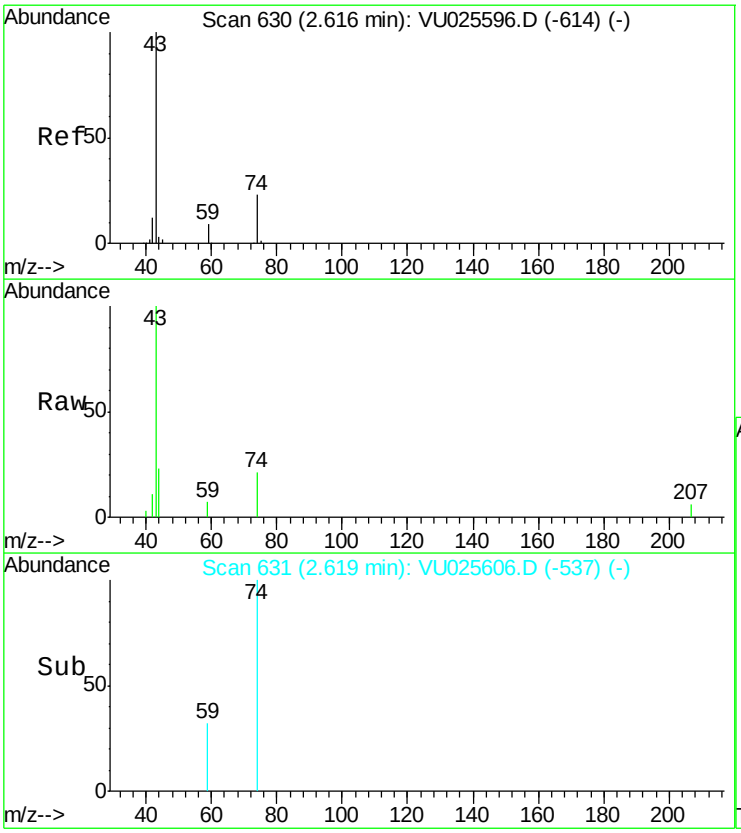
#13
Acetone
Concen: 5.548 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025606.D
Acq: 23 Jul 2018 16:45

Instrument :
MSVOA_U
ClientSampleId :
PB111343ZHE#12

Tgt Ion: 43 Resp: 9320

Ion	Ratio	Lower	Upper
43	100		
58	33.1	0.0	61.2

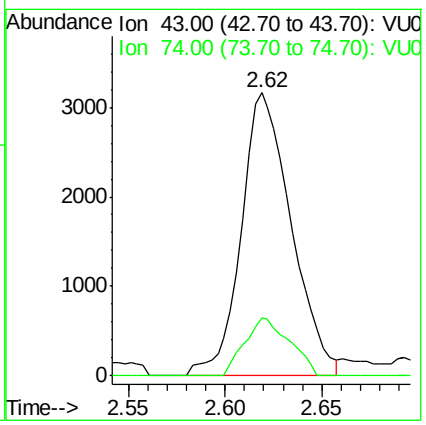


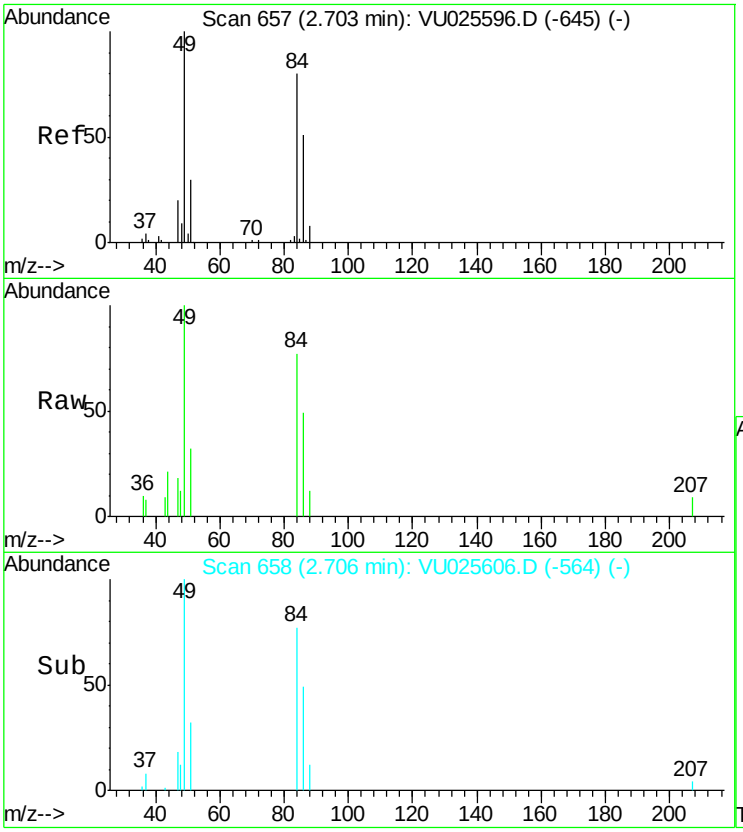


#15
Methyl Acetate
Concen: 2.456 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025606.D
Acq: 23 Jul 2018 16:45

Tgt Ion: 43 Resp: 5702

Ion	Ratio	Lower	Upper
43	100		
74	18.4	18.3	27.5



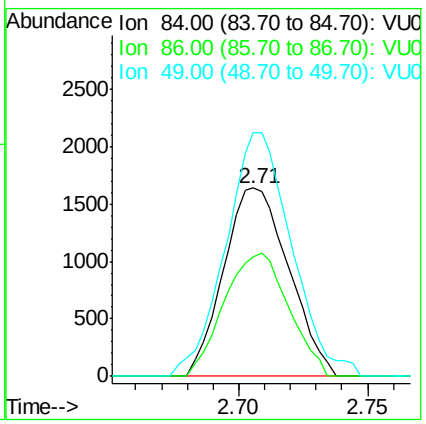


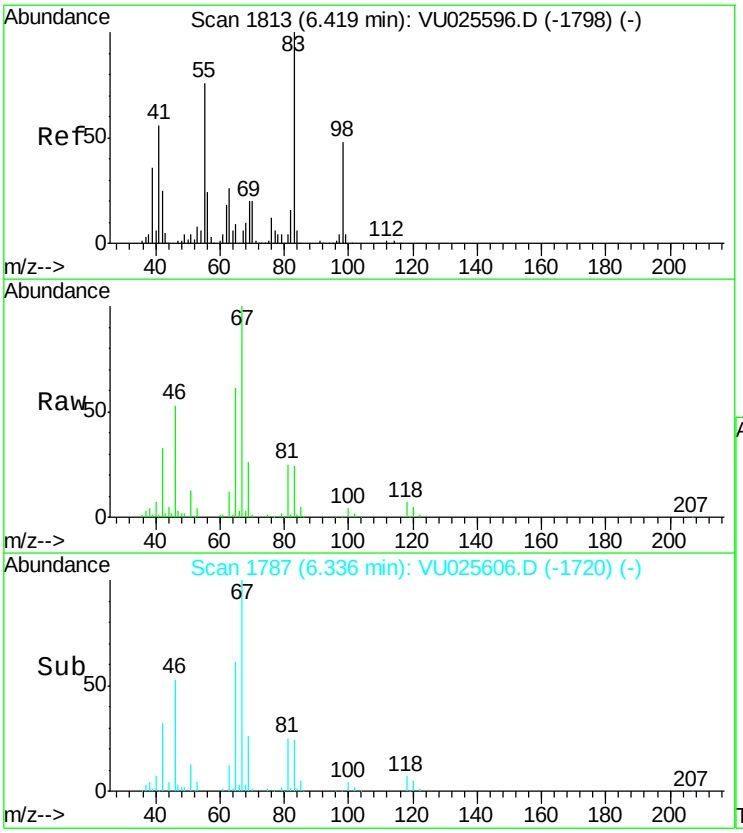
#16
Methylene chloride
Concen: 1.264 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025606.D
Acq: 23 Jul 2018 16:45

Instrument : MSVOA_U
ClientSampleId : PB111343ZHE#12

Tgt Ion: 84 Resp: 2886

Ion	Ratio	Lower	Upper
84	100		
86	63.6	45.6	84.6
49	129.4	87.0	161.6

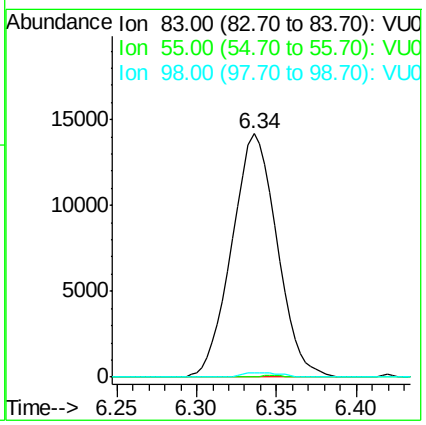


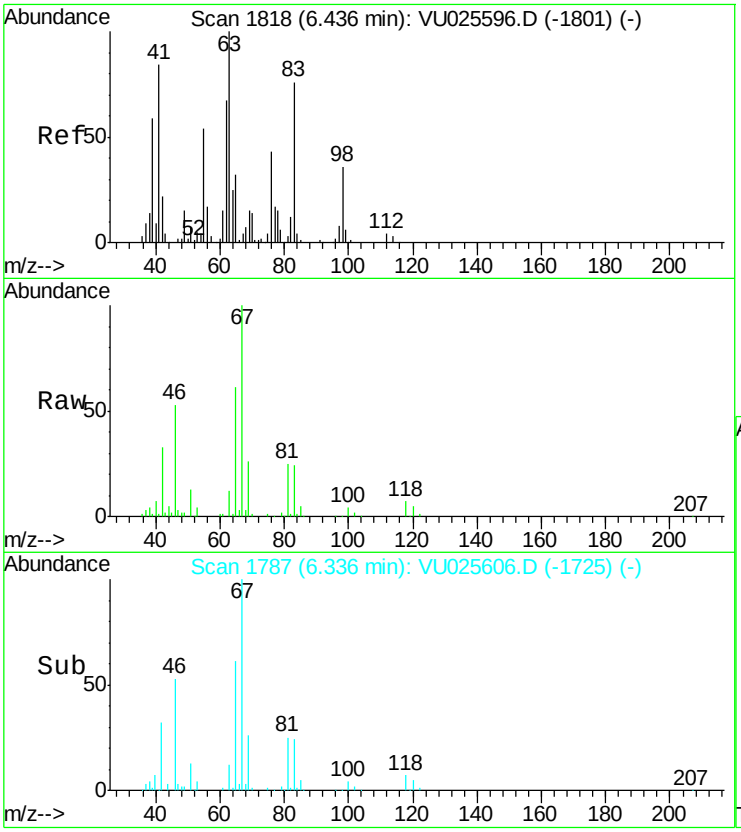


#35
Methylcyclohexane
Concen: 7.352 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU025606.D
Acq: 23 Jul 2018 16:45

Tgt Ion: 83 Resp: 27453

Ion	Ratio	Lower	Upper
83	100		
55	0.3	61.1	91.7#
98	1.5	38.6	57.8#



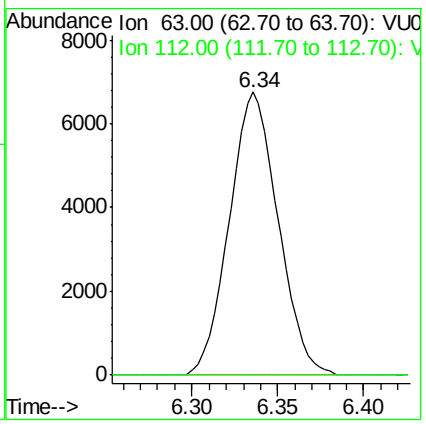


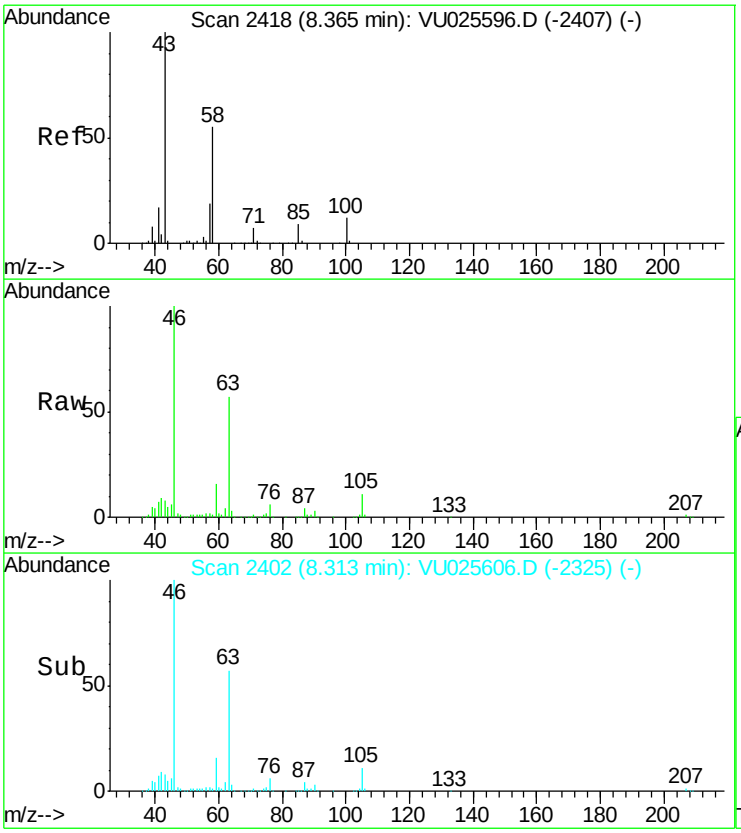
#37
1,2-Dichloropropane
Concen: 5.574 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025606.D
Acq: 23 Jul 2018 16:45

Instrument :
MSVOA_U
ClientSampleId :
PB111343ZHE#12

Tgt Ion: 63 Resp: 13295

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

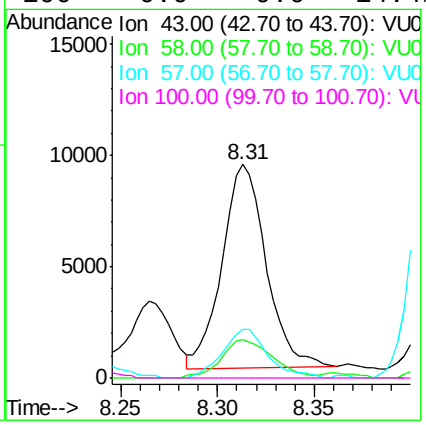


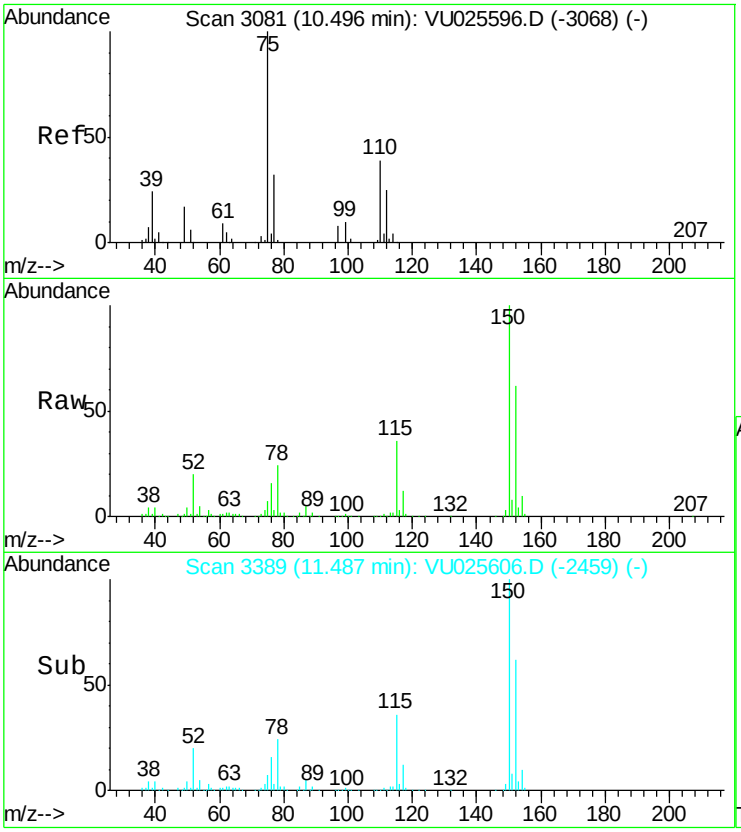


#48
2-Hexanone
Concen: 5.435 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU025606.D
Acq: 23 Jul 2018 16:45

Tgt Ion: 43 Resp: 14384

Ion	Ratio	Lower	Upper
43	100		
58	22.0	42.9	64.3#
57	24.8	15.4	23.2#
100	0.0	9.6	14.4#





#59
1,2,3-Trichloropropane
Concen: 5.802 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU025606.D
Acq: 23 Jul 2018 16:45

Instrument :
MSVOA_U
ClientSampleId :
PB111343ZHE#12

Tgt Ion: 75 Resp: 16255

Ion	Ratio	Lower	Upper
75	100		
77	40.8	25.8	38.8#