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

Quantitation Report (Not Reviewed)

Data File : VU033319.D
Acq On : 18 Jul 2019 15:15
Operator : JC/SP
Sample : K3846-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52S3

Quant Time: Jul 19 01:48:30 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	373694	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	367107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	187162	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	108461	38.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.68%			
7) Chloroethane-d5	1.67	69	99513	41.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.36%			
11) 1,1-Dichloroethene-d2	2.26	63	150608	29.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.70%#			
21) 2-Butanone-d5	4.15	46	179985	100.41	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.41%			
24) Chloroform-d	4.62	84	203581	42.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.88%			
26) 1,2-Dichloroethane-d4	5.29	65	133711	43.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.96%			
32) Benzene-d6	5.32	84	416092	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.31	67	136559	47.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.68%			
41) Toluene-d8	7.55	98	379047	44.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.26%			
43) trans-1,3-Dichloropropene-	7.83	79	63963	45.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.44%			
47) 2-Hexanone-d5	8.29	63	128478	98.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.79%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	200354	45.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.78%			
64) 1,2-Dichlorobenzene-d4	11.85	152	159887	47.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
13) Acetone	2.31	43	100689	44.960	ug/L	98
15) Methyl Acetate	2.61	43	2291	0.783	ug/L #	84
22) 2-Butanone	4.25	43	14705	5.911	ug/L	97
39) cis-1,3-Dichloropropene	7.21	75	3769	0.847	ug/L #	72
40) 4-Methyl-2-pentanone	7.44	43	17408	4.469	ug/L	98
44) trans-1,3-Dichloropropene	7.83	75	2842	0.708	ug/L #	79
48) 2-Hexanone	8.30	43	23688	7.465	ug/L #	49
59) 1,2,3-Trichloropropane	11.47	75	21015	5.560	ug/L	90
69) Naphthalene	13.73	128	34414	2.951	ug/L	98

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

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Quantitation Report (Not Reviewed)

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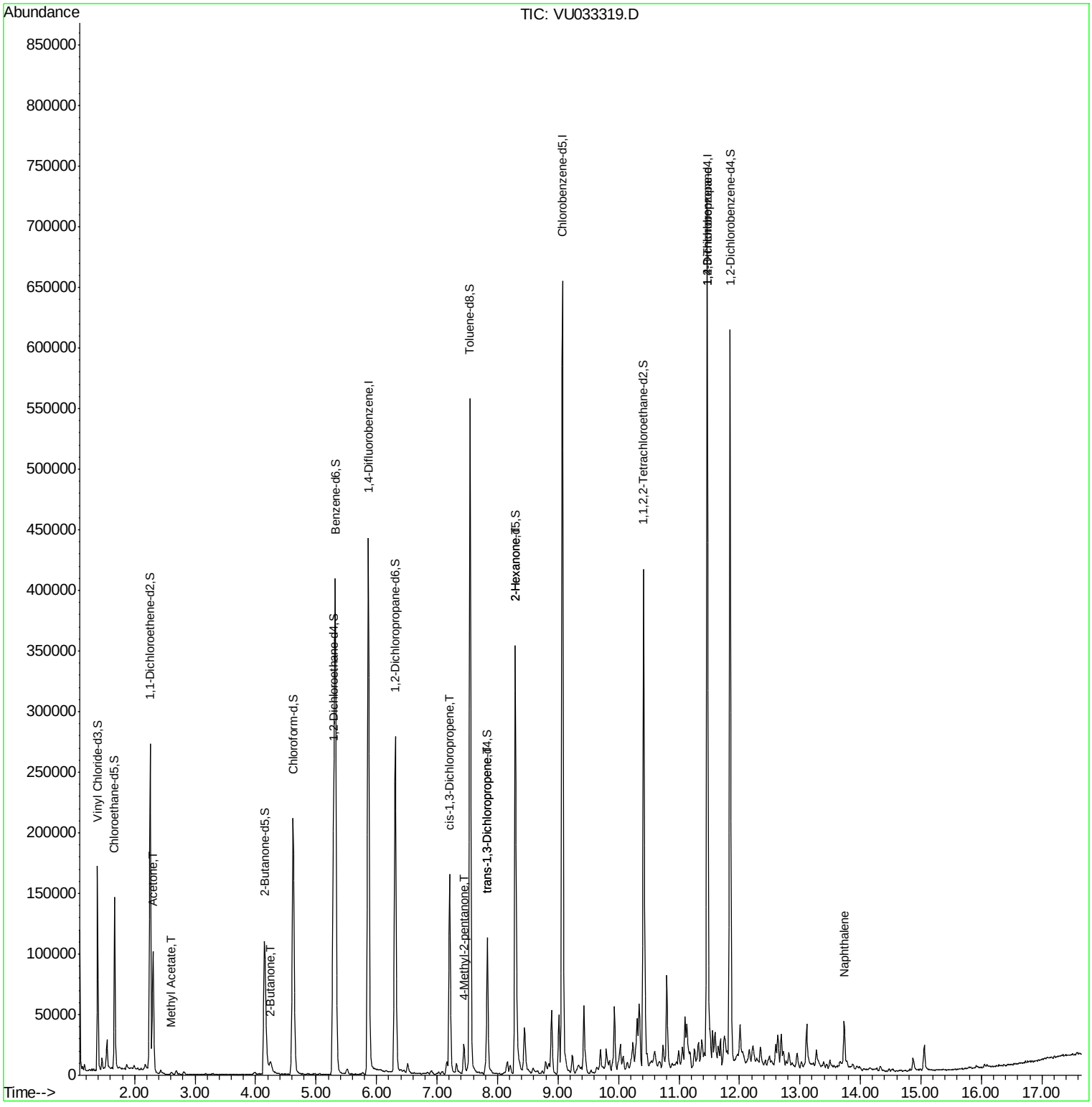
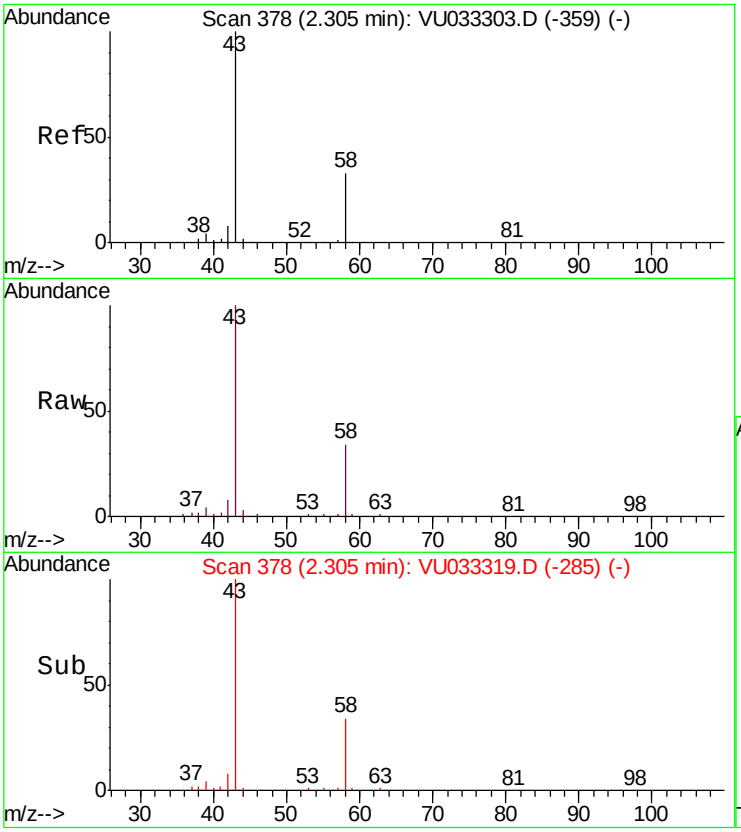
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52S3

Quant Time: Jul 19 01:48:30 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



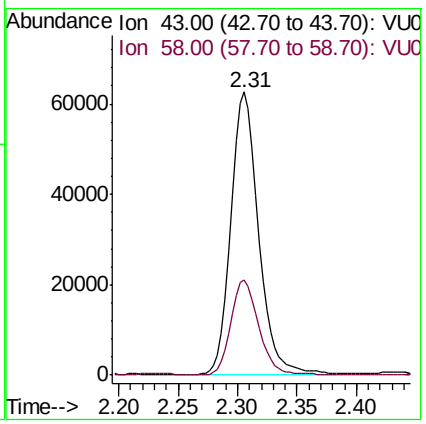


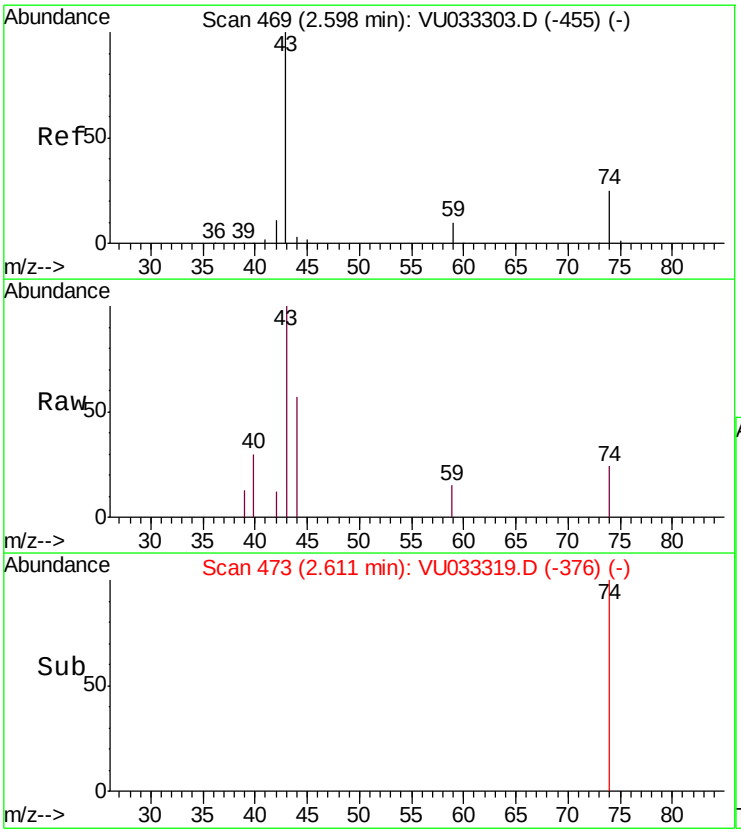
#13
Acetone
Concen: 44.960 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Instrument :
MSVOA_U
ClientSampleId :
A52S3

Tgt Ion: 43 Resp: 100689

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	65.4

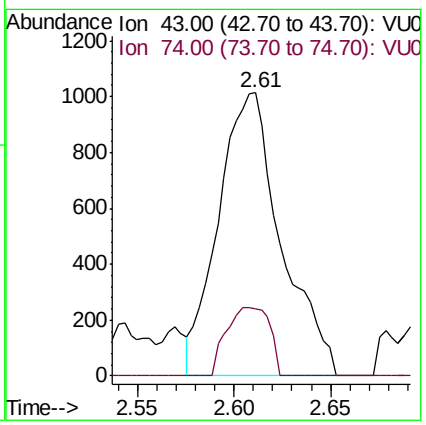


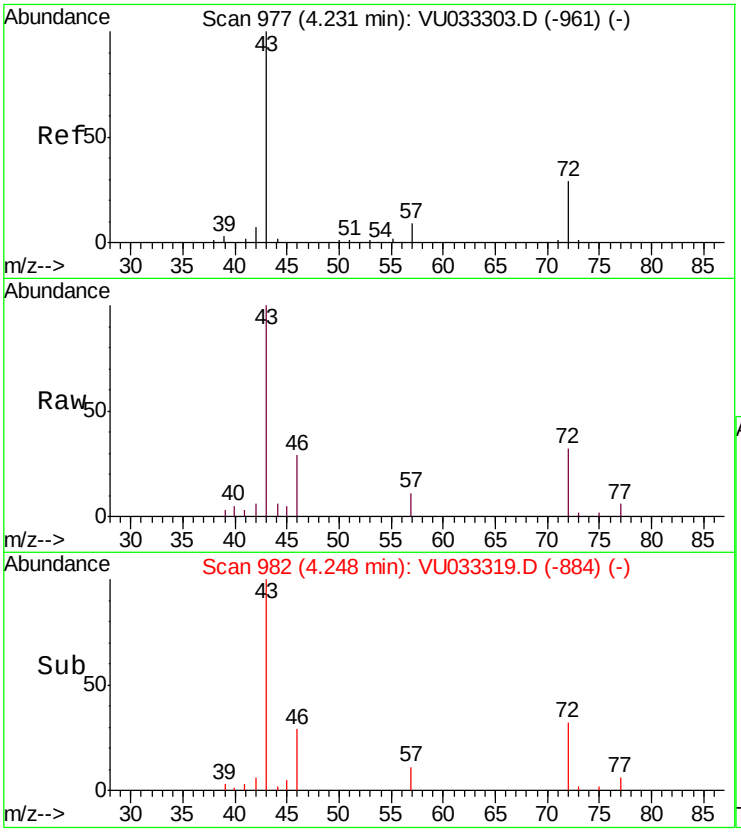


#15
Methyl Acetate
Concen: 0.783 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Tgt Ion: 43 Resp: 2291

Ion	Ratio	Lower	Upper
43	100		
74	16.8	19.9	29.9#



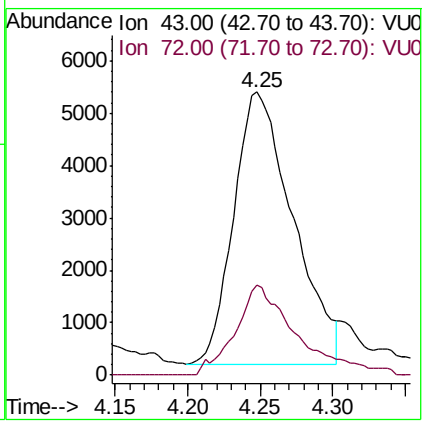


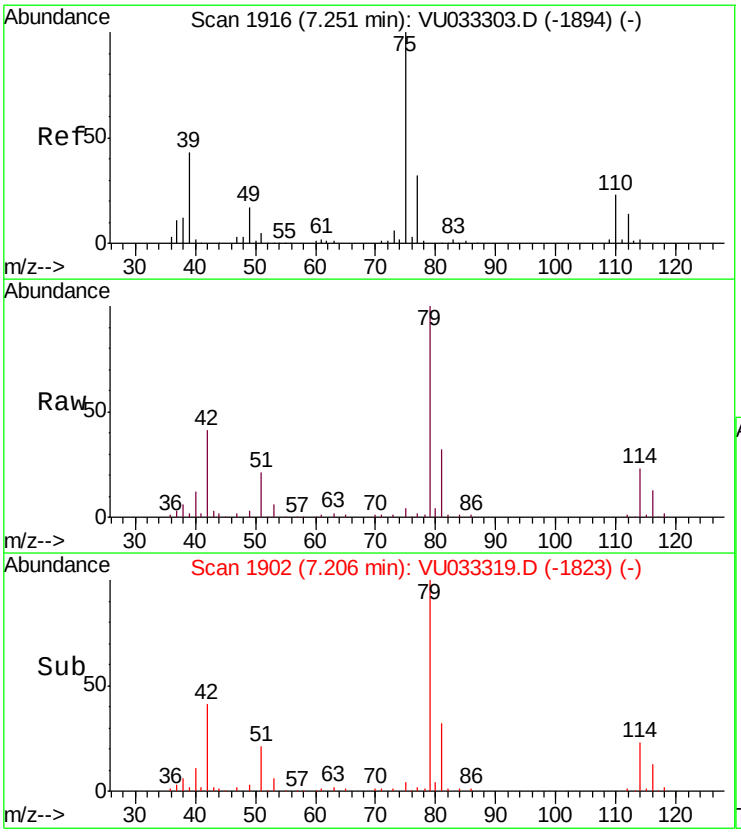
#22
2-Butanone
Concen: 5.911 ug/L
RT: 4.25 min Scan# 982
Delta R.T. 0.02 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Instrument : MSVOA_U
ClientSampleId : A52S3

Tgt Ion: 43 Resp: 14705

Ion	Ratio	Lower	Upper
43	100		
72	30.3	14.4	43.2

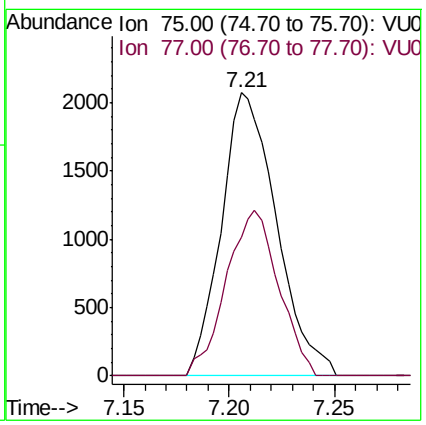


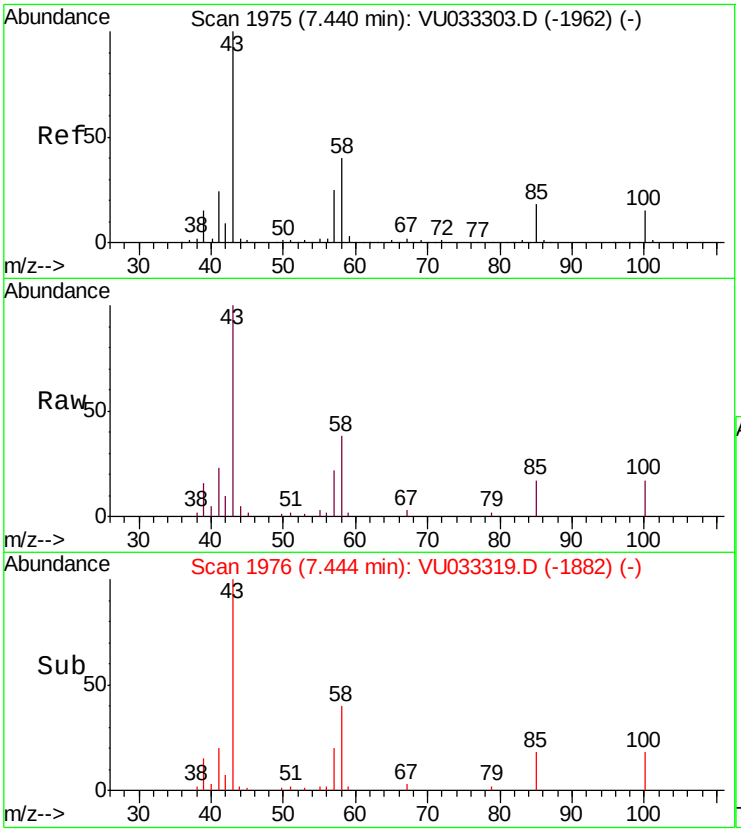


#39
cis-1,3-Dichloropropene
Concen: 0.847 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Tgt Ion: 75 Resp: 3769

Ion	Ratio	Lower	Upper
75	100		
77	49.0	23.1	42.9#



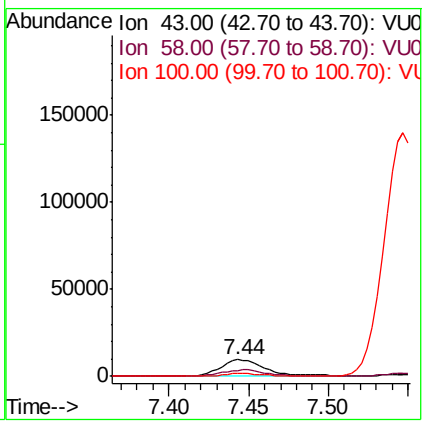


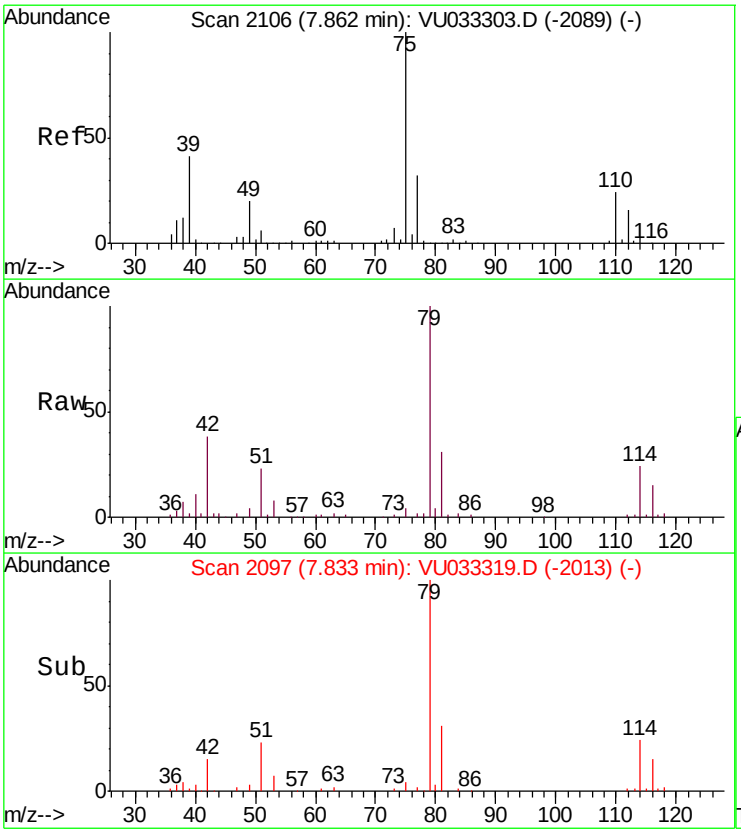
#40
4-Methyl-2-pentanone
Concen: 4.469 ug/L
RT: 7.44 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Instrument :
MSVOA_U
ClientSampleId :
A52S3

Tgt Ion: 43 Resp: 17408

Ion	Ratio	Lower	Upper
43	100		
58	40.3	33.3	49.9
100	16.5	12.1	18.1

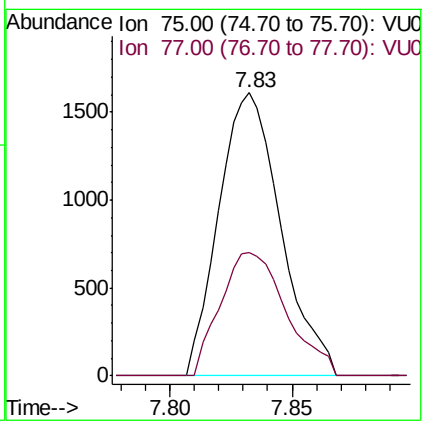


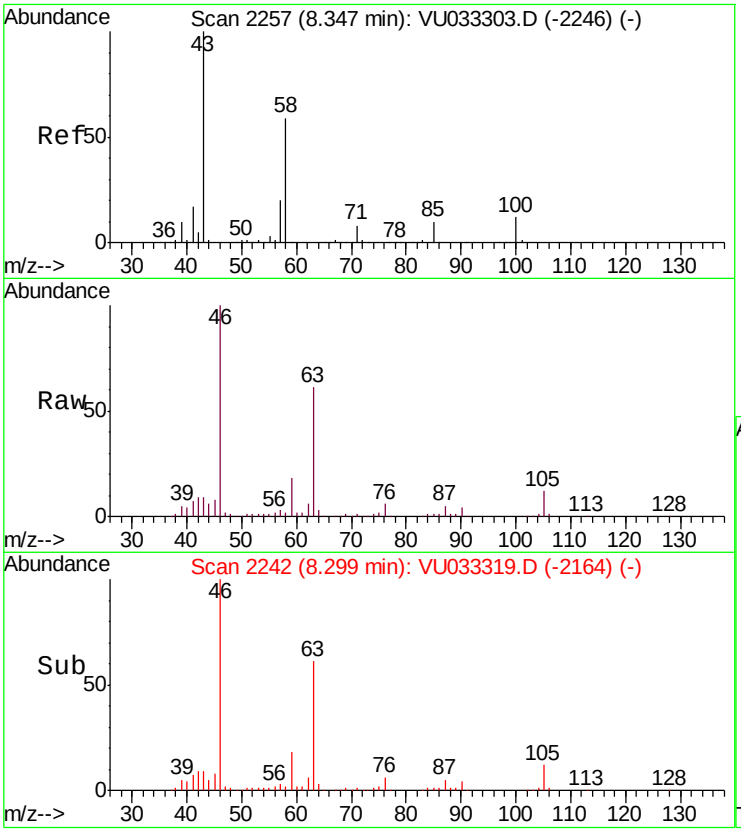


#44
trans-1,3-Dichloropropene
Concen: 0.708 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Tgt Ion: 75 Resp: 2842

Ion	Ratio	Lower	Upper
75	100		
77	43.5	22.4	41.6#



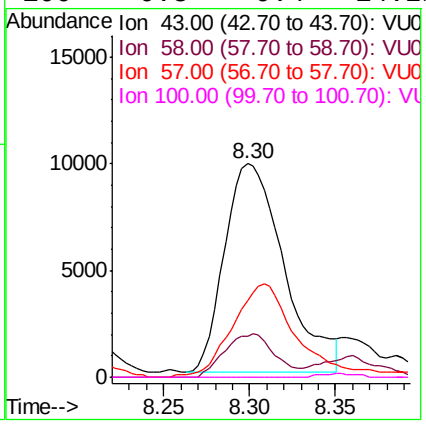


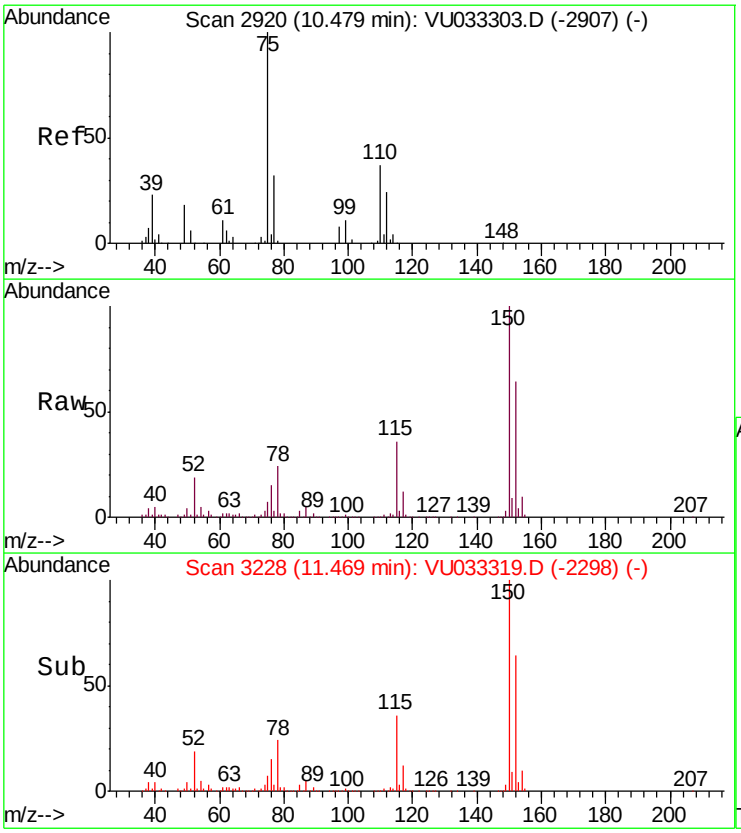
#48
2-Hexanone
Concen: 7.465 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.05 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Instrument : MSVOA_U
ClientSampleId : A52S3

Tgt Ion: 43 Resp: 23688

Ion	Ratio	Lower	Upper
43	100		
58	17.3	46.1	69.1#
57	43.5	15.8	23.8#
100	0.3	9.4	14.2#

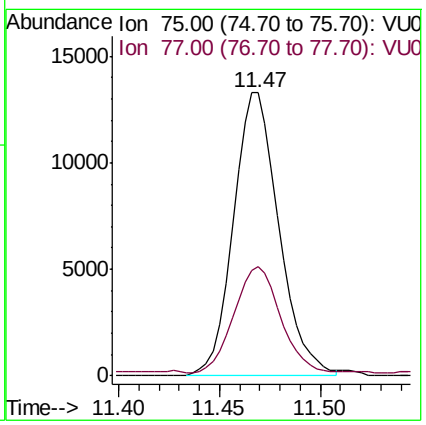


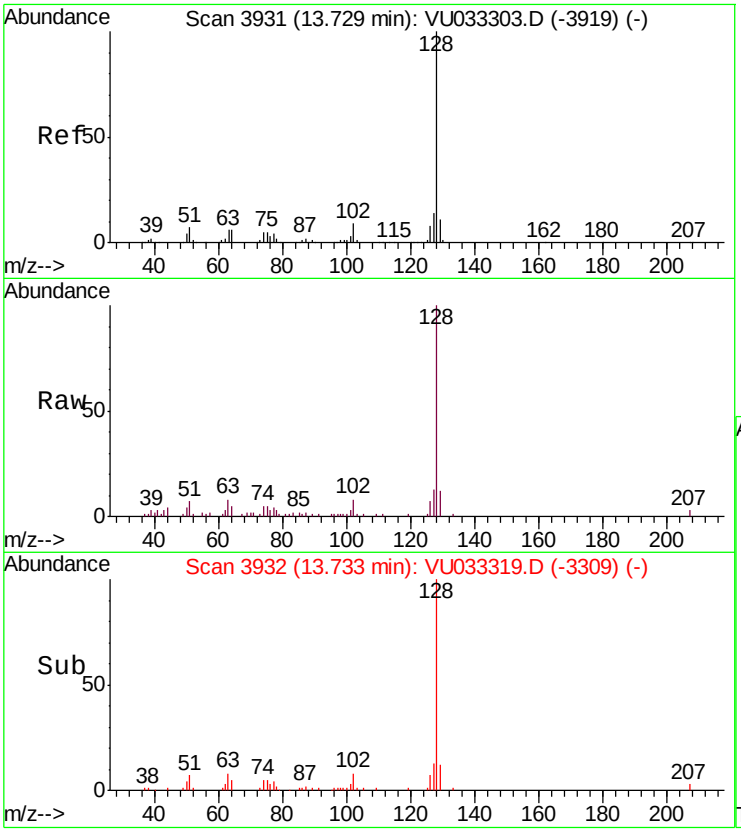


#59
1,2,3-Trichloropropane
Concen: 5.560 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Tgt Ion: 75 Resp: 21015

Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.0	39.0





#69
Naphthalene
Concen: 2.951 ug/L
RT: 13.73 min Scan# 3932
Delta R.T. 0.00 min
Lab File: VU033319.D
Acq: 18 Jul 2019 15:15

Instrument :
MSVOA_U
ClientSampleId :
A52S3

Tgt Ion:128 Resp: 34414

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.8	16.2
129	11.2	8.7	13.1