Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\
Data File : VU032833.D
Acq On : 18 Jun 2019 19:02
Operator : JC/SP
Sample : K3324-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JT2

Quant Time: Jun 19 05:45:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	235107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	232476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116437	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65572	40.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.62%			
7) Chloroethane-d5	1.68	69	56777	44.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.62%			
11) 1,1-Dichloroethene-d2	2.27	63	104278	32.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.44%			
21) 2-Butanone-d5	4.17	46	140210	104.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.84%			
24) Chloroform-d	4.64	84	141071	45.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.32%			
26) 1,2-Dichloroethane-d4	5.30	65	97621	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.84%			
32) Benzene-d6	5.33	84	277120	45.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.46%			
36) 1,2-Dichloropropane-d6	6.32	67	89204	46.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.42%			
41) Toluene-d8	7.56	98	258117	45.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.96%			
43) trans-1,3-Dichloropropene-	7.85	79	44411	44.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.44%			
47) 2-Hexanone-d5	8.31	63	96214	106.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132951	44.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.10%			
64) 1,2-Dichlorobenzene-d4	11.85	152	105828	46.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.94%			

Target Compounds						Qvalue
13) Acetone	2.32	43	27310	14.785	ug/L	99
15) Methyl Acetate	2.61	43	2068	0.988	ug/L #	82
16) Methylene chloride	2.69	84	4384	2.523	ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	4849	2.772	ug/L	100
22) 2-Butanone	4.27	43	4669	2.439	ug/L #	74
34) Trichloroethene	6.19	95	960	0.537	ug/L	98
42) Toluene	7.63	91	3224	0.445	ug/L	93

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

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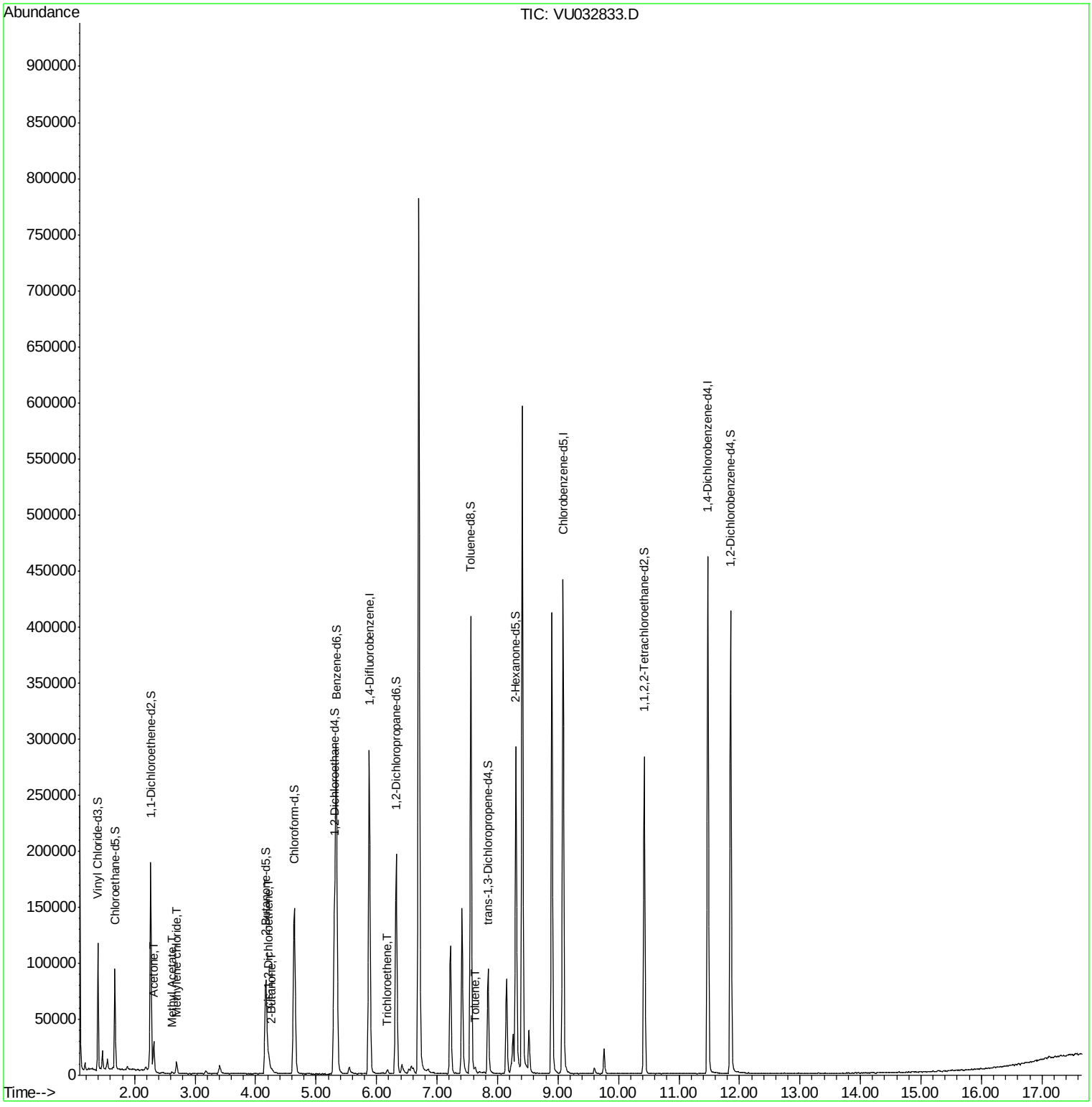
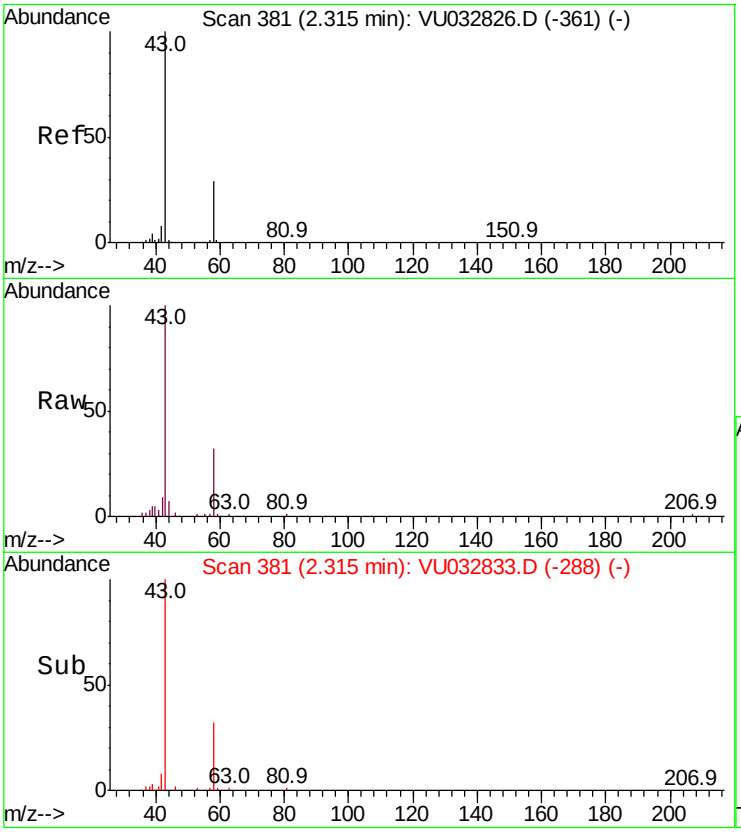


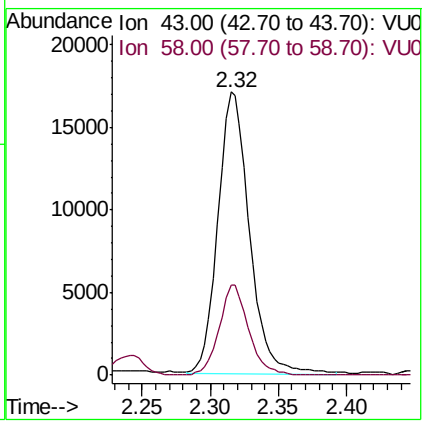


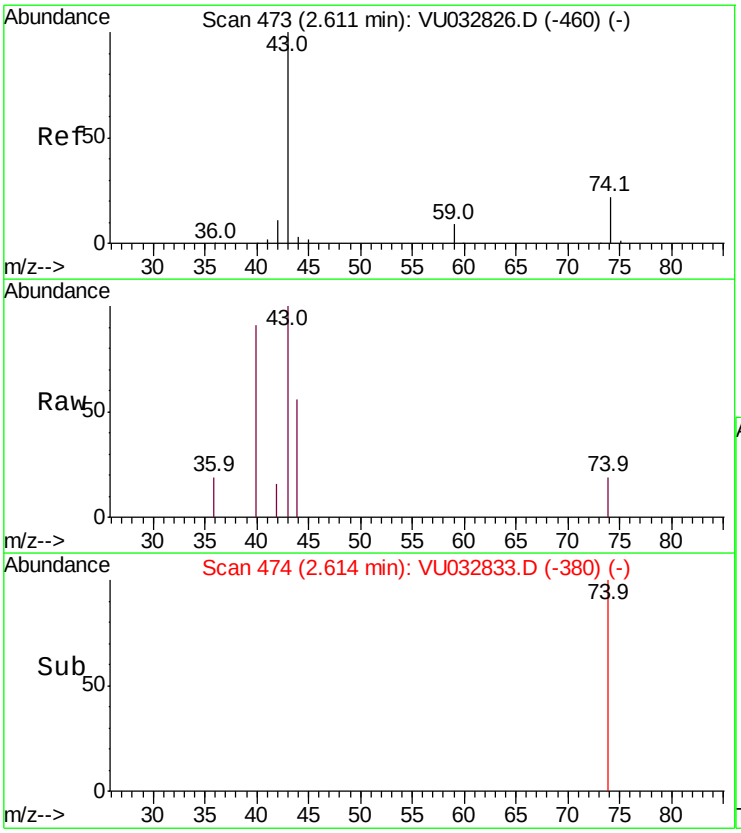
#13
Acetone
Concen: 14.785 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

Instrument : MSVOA_U
ClientSampleId : C0JT2

Tgt Ion: 43 Resp: 27310

Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	60.6

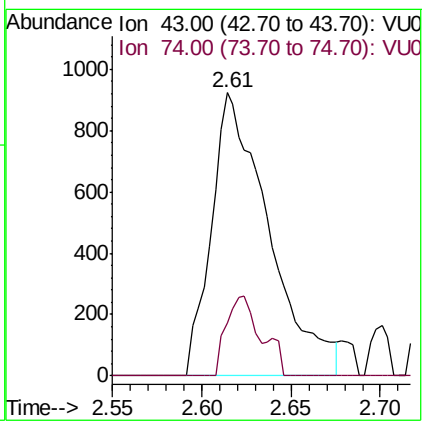


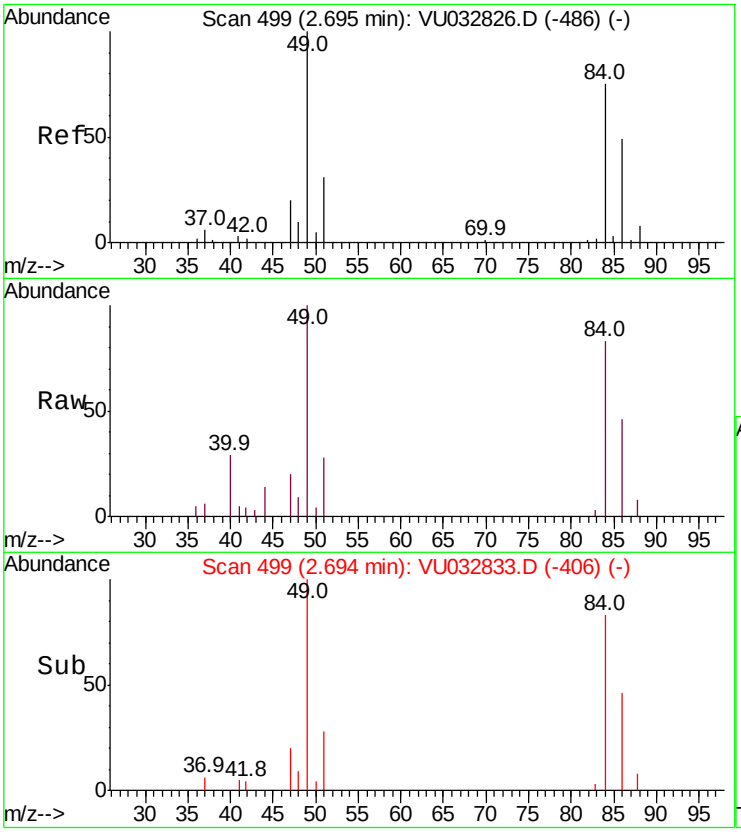


#15
Methyl Acetate
Concen: 0.988 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

Tgt Ion: 43 Resp: 2068

Ion	Ratio	Lower	Upper
43	100		
74	13.9	18.1	27.1#



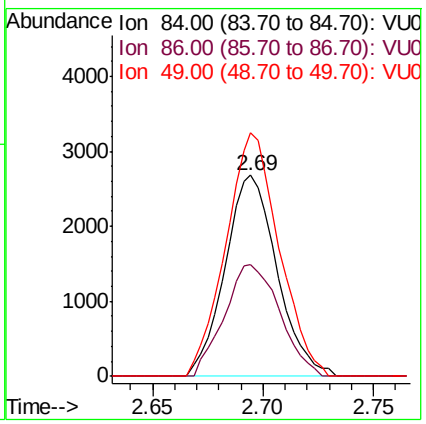


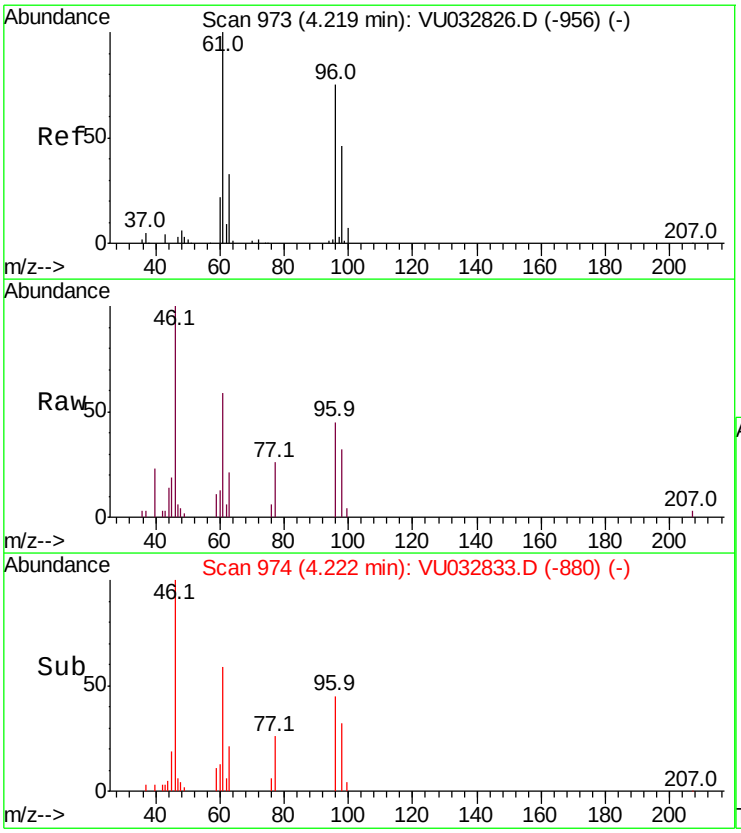
#16
Methylene chloride
Concen: 2.523 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

Instrument : MSVOA_U
ClientSampleId : C0JT2

Tgt Ion: 84 Resp: 4384

Ion	Ratio	Lower	Upper
84	100		
86	55.4	45.5	84.5
49	121.2	92.1	171.1

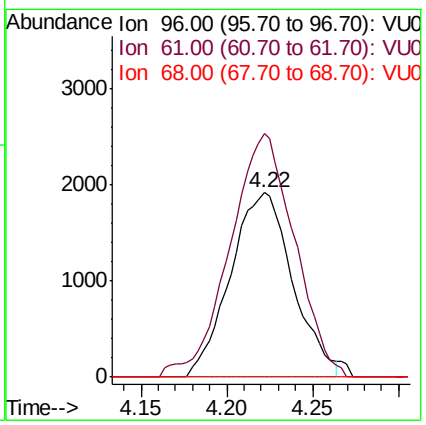


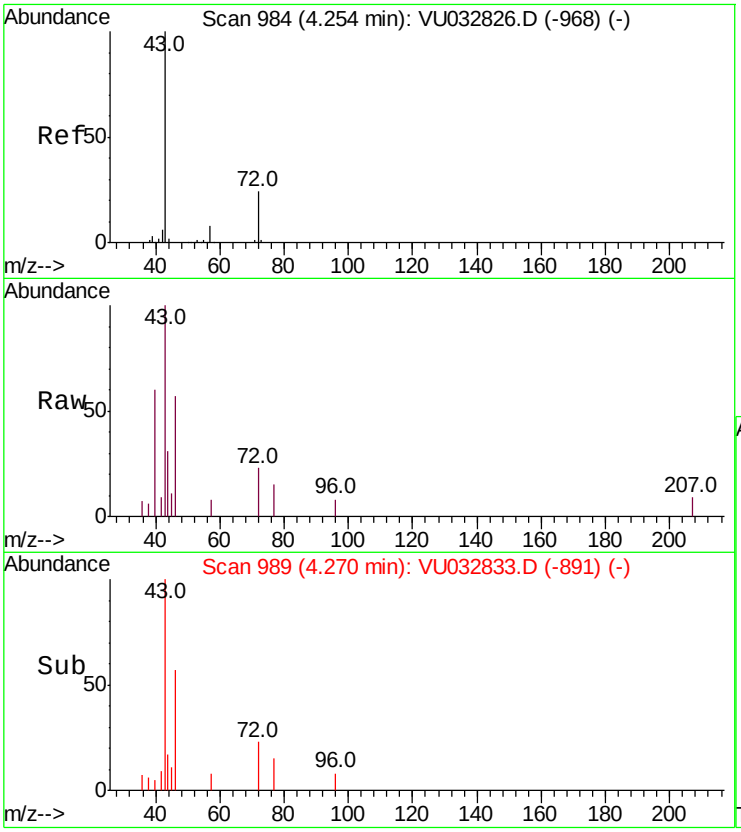


#20
cis-1,2-Dichloroethene
Concen: 2.772 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

Tgt Ion: 96 Resp: 4849

Ion	Ratio	Lower	Upper
96	100		
61	131.9	92.4	171.6
68	0.0	0.0	0.0



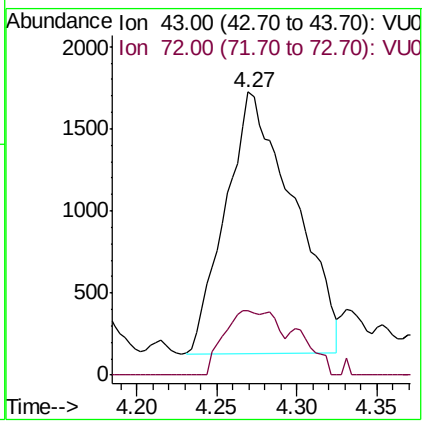


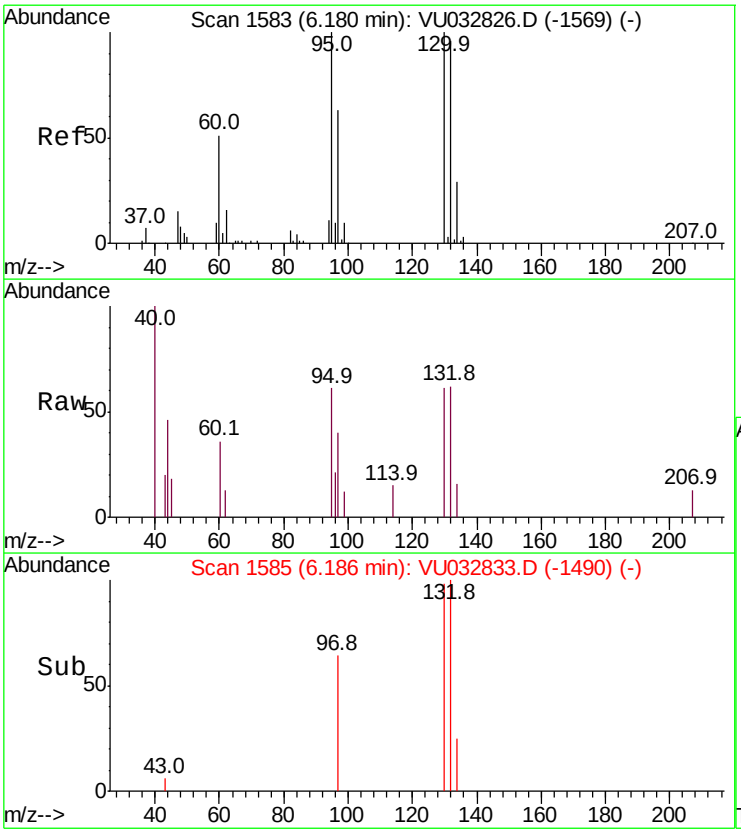
#22
2-Butanone
Concen: 2.439 ug/L
RT: 4.27 min Scan# 989
Delta R.T. 0.02 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

Instrument : MSVOA_U
ClientSampleId : C0JT2

Tgt Ion: 43 Resp: 4669

Ion	Ratio	Lower	Upper
43	100		
72	12.7	12.9	38.6#

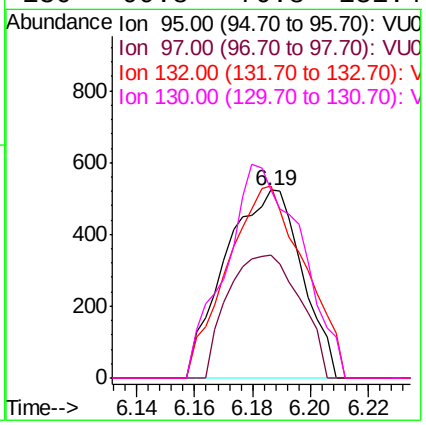


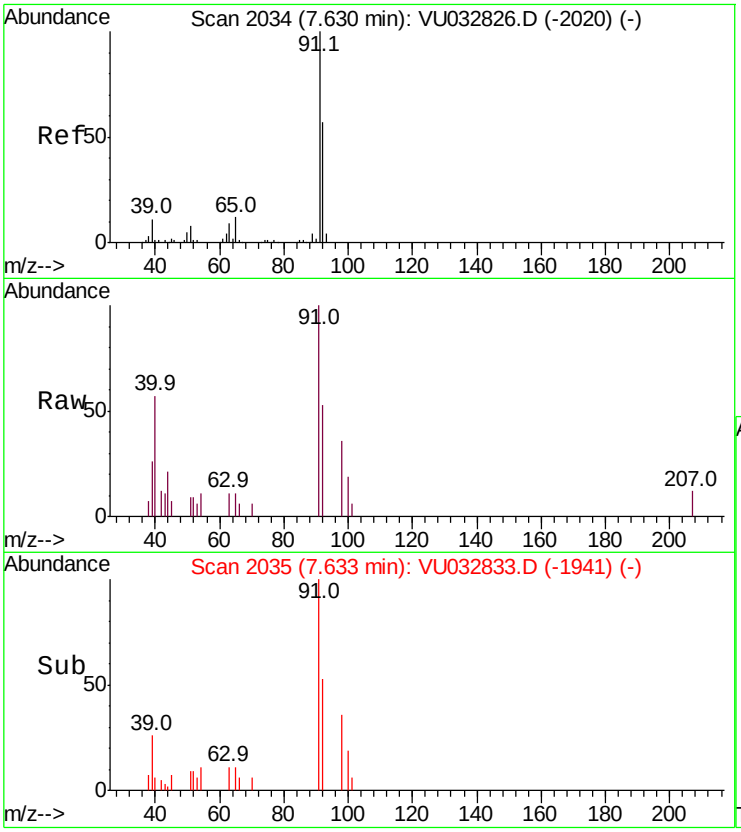


#34
Trichloroethene
Concen: 0.537 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

Tgt Ion: 95 Resp: 960

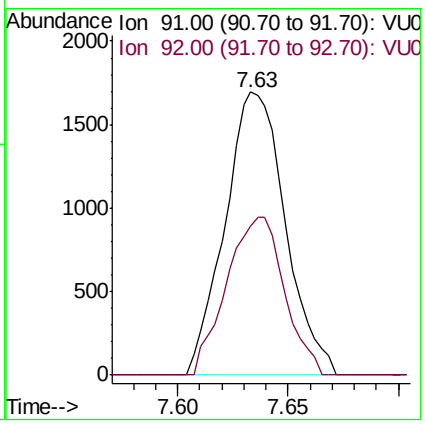
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.9	85.3
132	102.3	68.5	127.3
130	99.8	70.8	131.4





#42
Toluene
Concen: 0.445 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
C0JT2

Tgt Ion: 91 Resp: 3224

Ion	Ratio	Lower	Upper
91	100		
92	52.6	40.4	75.0