Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

Quant Time: Sep 11 01:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 11 01:49:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51076	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	31155	5.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%			
7) Chloroethane-d5	1.92	69	24986	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.40%			
11) 1,1-Dichloroethene-d2	2.58	63	48295	3.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	4.65	46	101324	43.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.42%			
24) Chloroform-d	5.08	84	60254	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.72	65	37057	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
32) Benzene-d6	5.74	84	112789	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.70	67	36339	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.40%			
41) Toluene-d8	7.91	98	99187	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	8.19	79	14106	3.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.80%			
46) 2-Hexanone-d5	8.64	63	73871	40.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.60%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32506	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	37131	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
8) Chloroethane	1.75	64	69441	11.173	ug/L #	52
13) Acetone	2.66	43	47527	21.896	ug/L	92
15) Methyl Acetate	2.83	43	19033	3.494	ug/L #	54
17) Methyl tert-butyl Ether	3.38	73	43807	1.749	ug/L	97
19) 1,1-Dichloroethane	3.89	63	173099	9.409	ug/L	99
21) 2-Butanone	4.74	43	4490	1.267	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	1705	0.177	ug/L	89
27) 1,2-Dichloroethane	5.81	62	69162	5.010	ug/L	100
33) Benzene	5.79	78	6416	0.166	ug/L	100
35) Methylcyclohexane	6.70	83	8650	0.544	ug/L #	23
39) cis-1,3-Dichloropropene	7.57	75	1241	0.080	ug/L #	72
40) 4-Methyl-2-pentanone	7.86	43	14026	1.632	ug/L #	50
59) 1,2,3-Trichloropropane	10.53	75	1446	0.186	ug/L #	44

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
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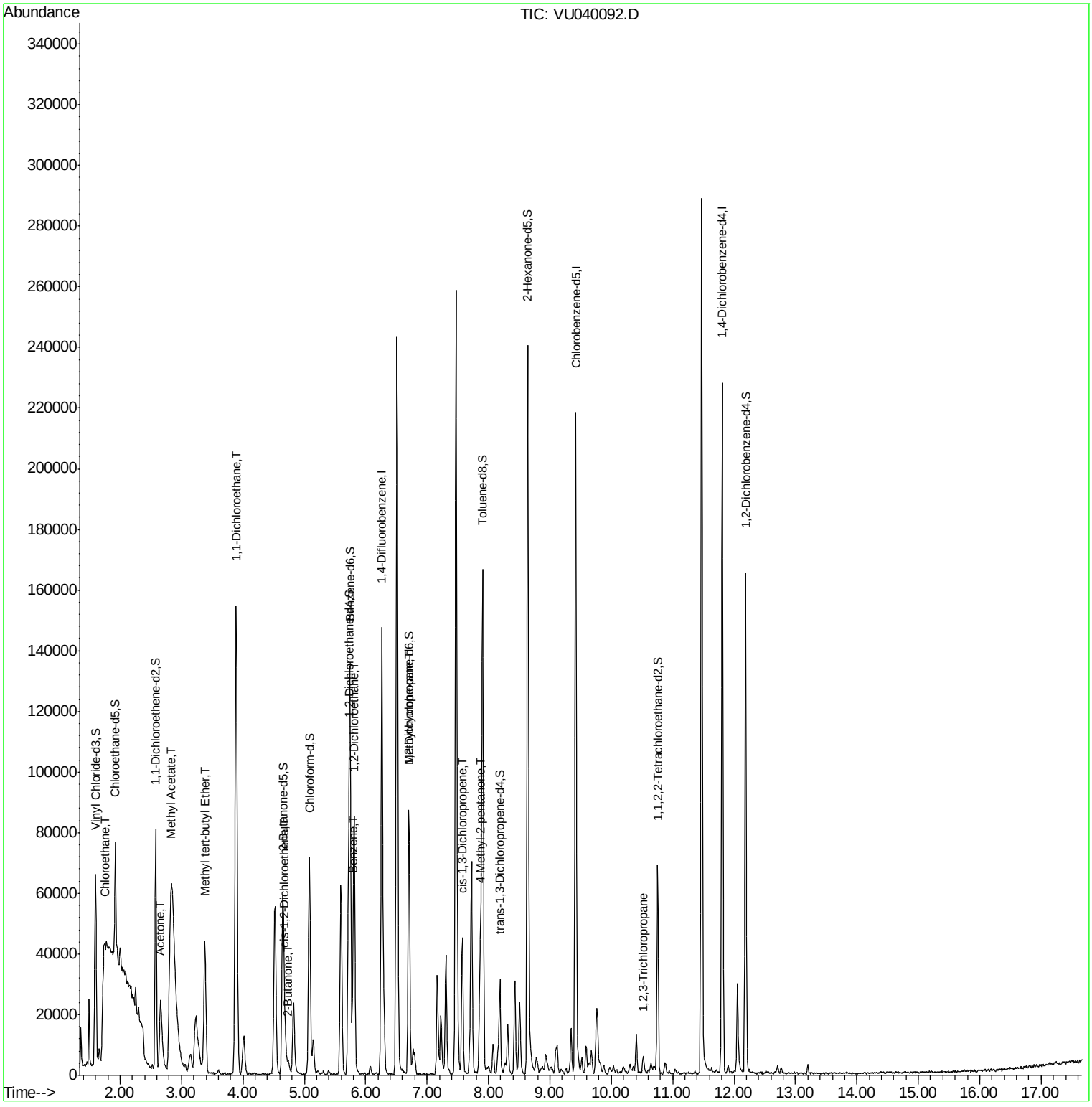
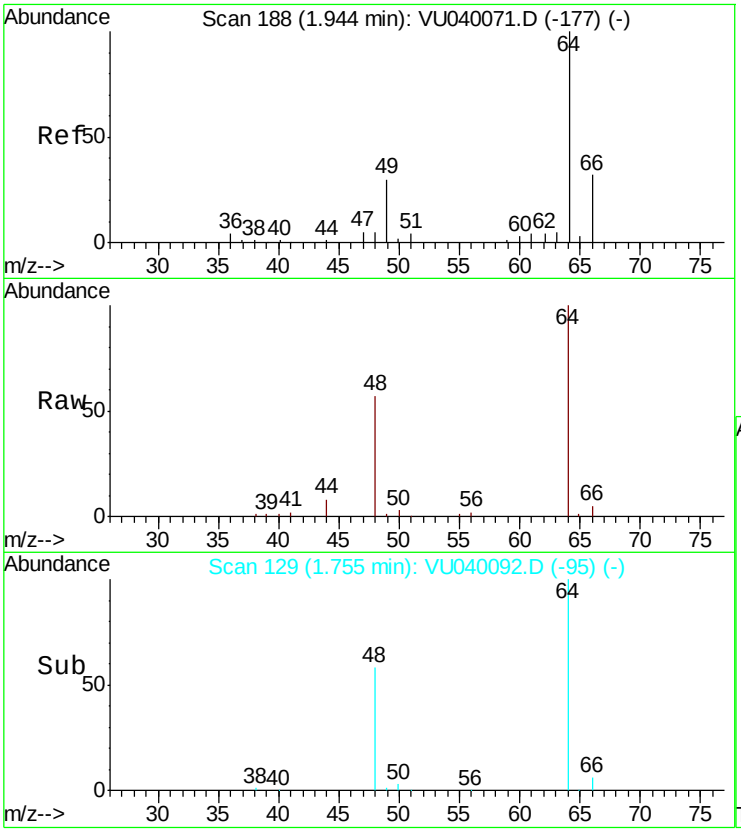
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

Quant Time: Sep 11 01:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 11 01:49:07 2020
Response via : Initial Calibration



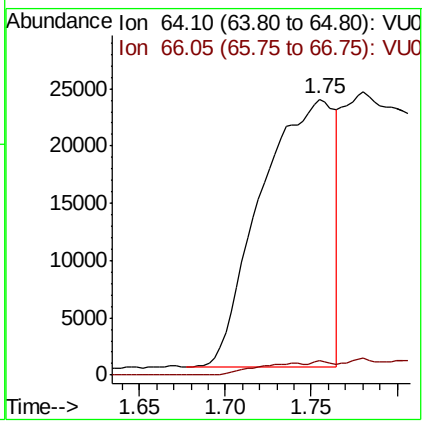


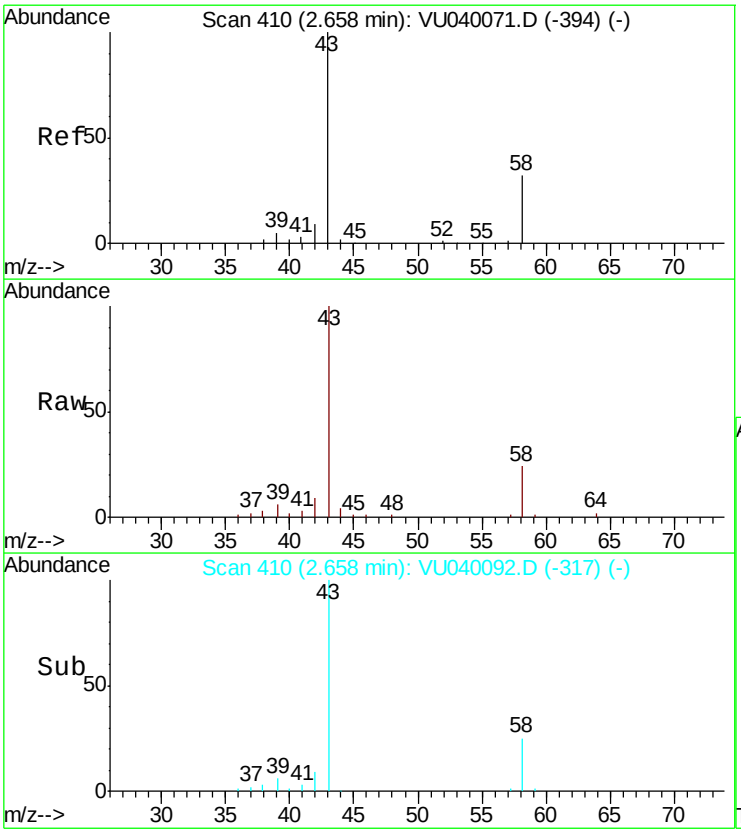
#8
Chloroethane
Concen: 11.173 ug/L
RT: 1.75 min Scan# 129
Delta R.T. -0.19 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Instrument : MSVOA_U
ClientSampleId : F4Y35

Tgt Ion: 64 Resp: 69441

Ion	Ratio	Lower	Upper
64	100		
66	5.3	22.7	42.1#

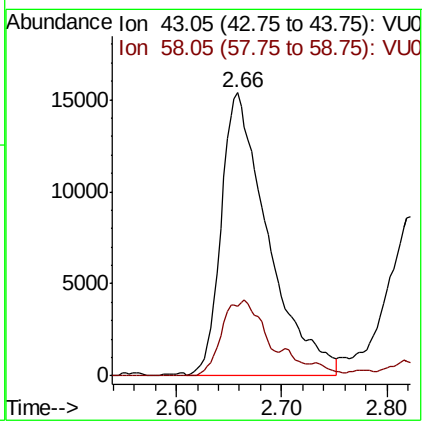


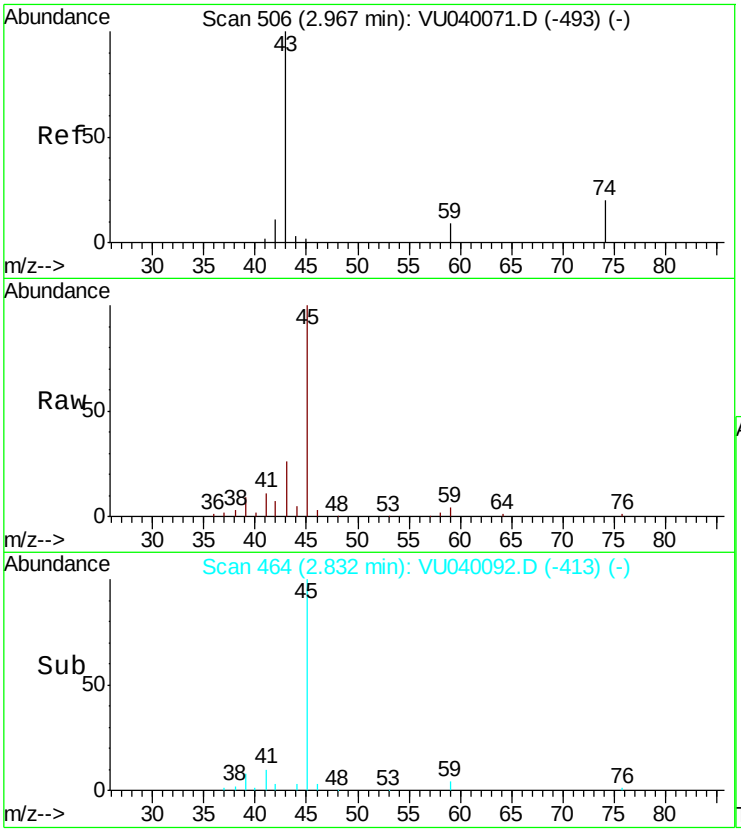


#13
Acetone
Concen: 21.896 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Tgt Ion: 43 Resp: 47527

Ion	Ratio	Lower	Upper
43	100		
58	23.3	0.0	55.4



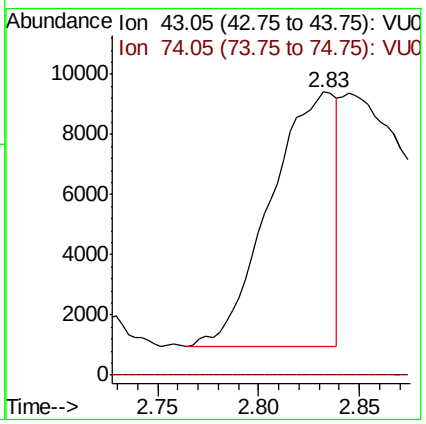


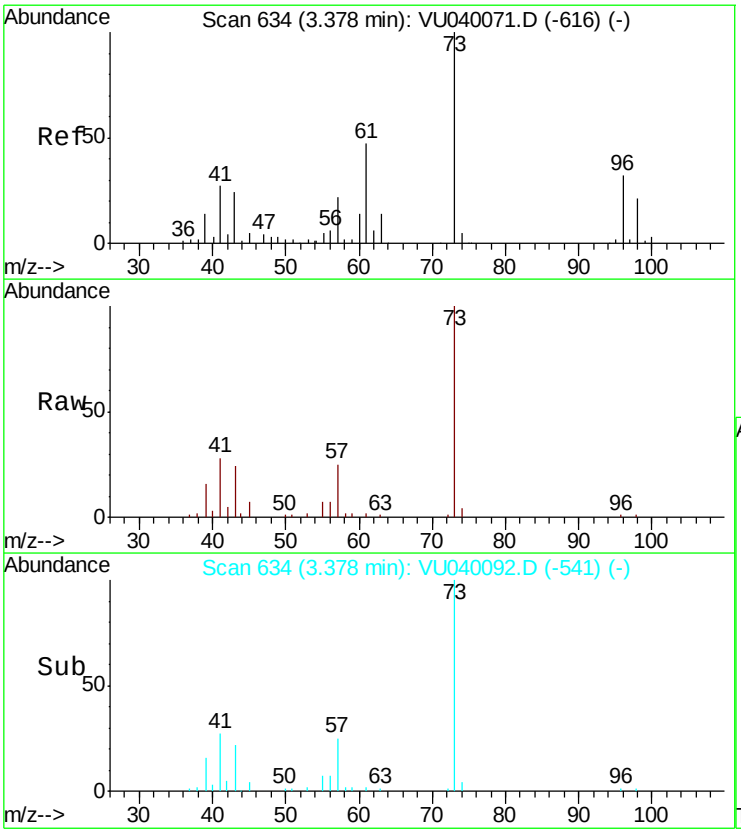
#15
Methyl Acetate
Concen: 3.494 ug/L
RT: 2.83 min Scan# 464
Delta R.T. -0.14 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Instrument : MSVOA_U
ClientSampleId : F4Y35

Tgt Ion: 43 Resp: 19033

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.0#

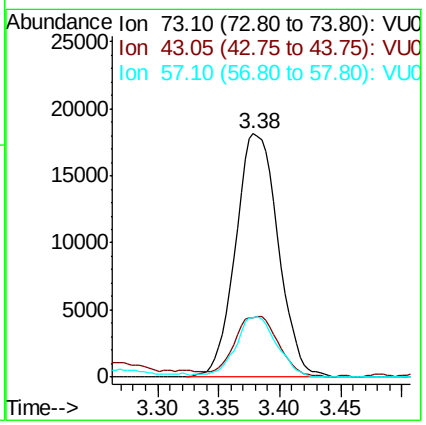


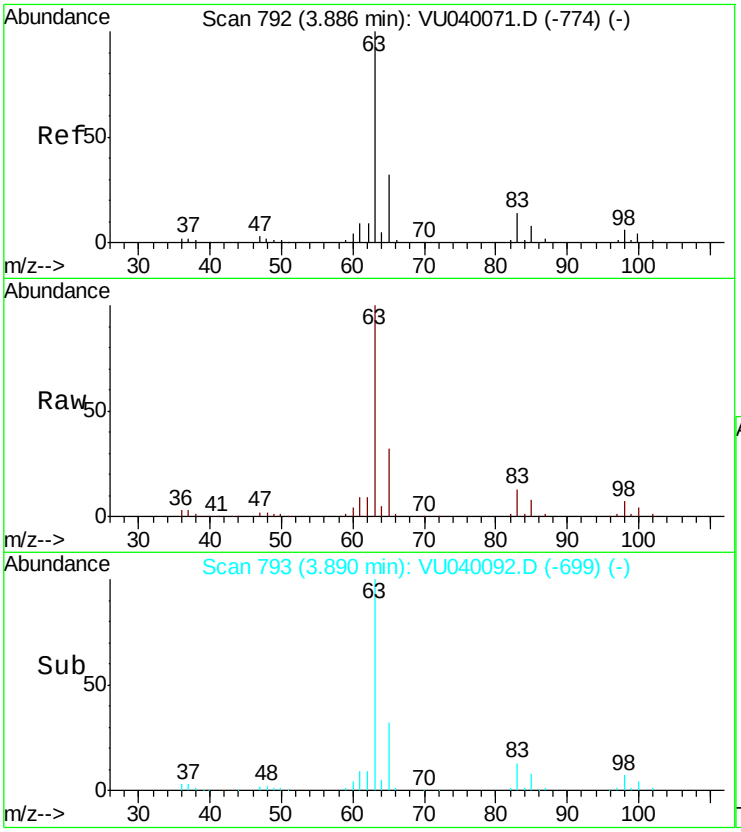


#17
Methyl tert-butyl Ether
Concen: 1.749 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Tgt Ion: 73 Resp: 43807

Ion	Ratio	Lower	Upper
73	100		
43	25.9	19.1	28.7
57	24.1	18.3	27.5



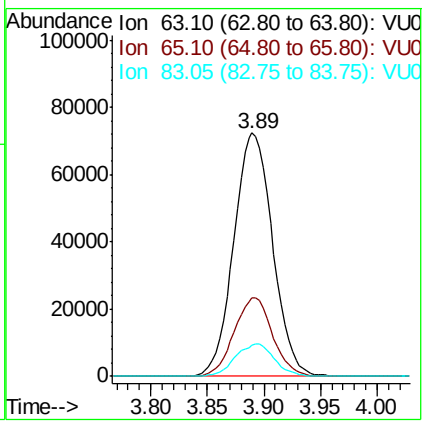


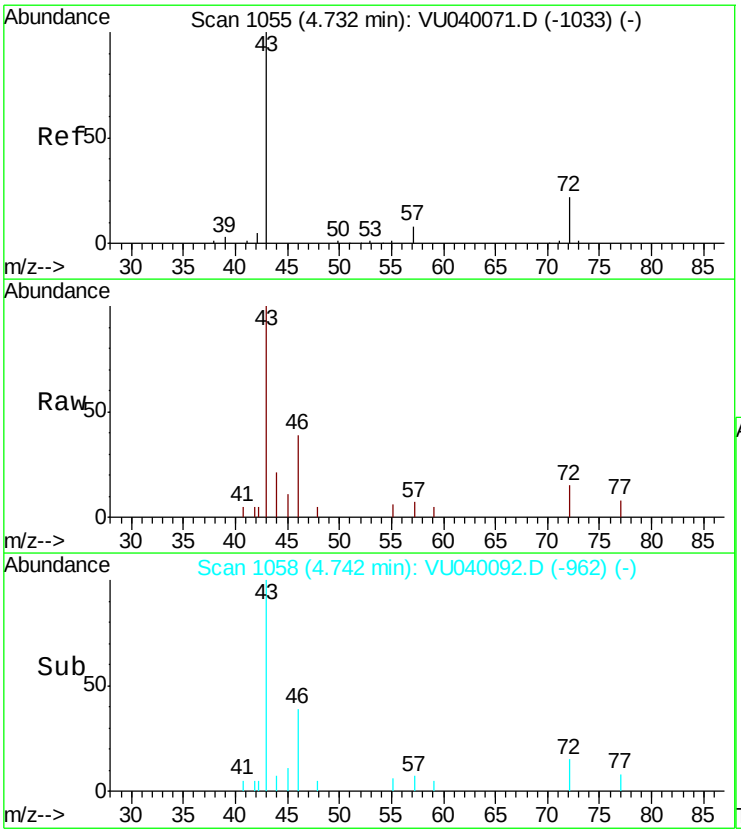
#19
1,1-Dichloroethane
Concen: 9.409 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
F4Y35

Tgt Ion: 63 Resp: 173099

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.2	41.2
83	12.7	9.4	17.6

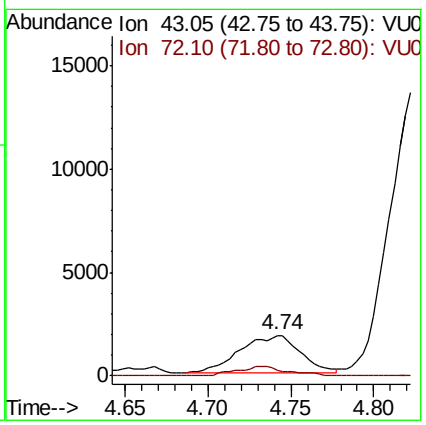


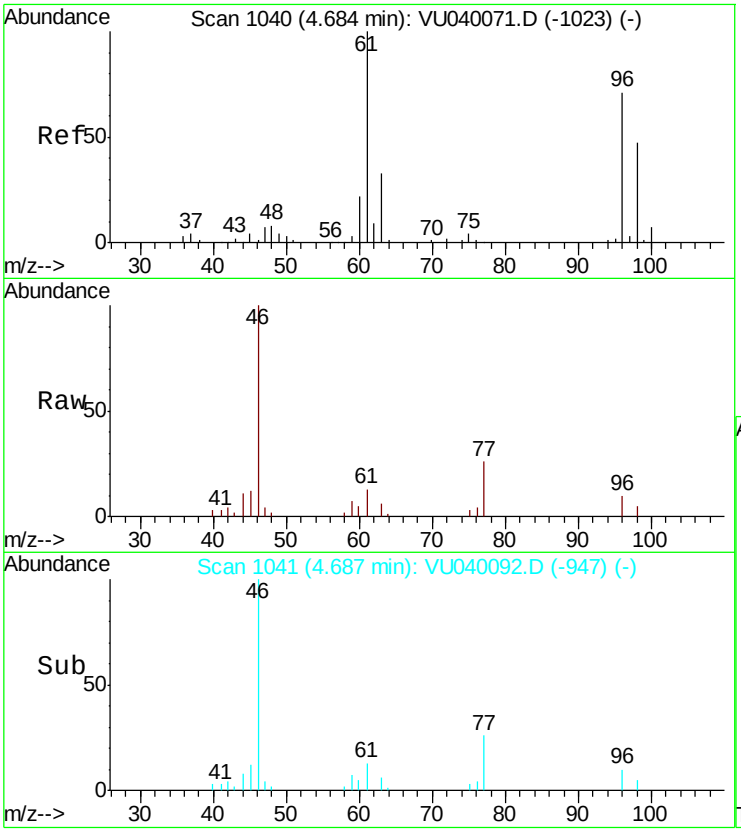


#21
2-Butanone
Concen: 1.267 ug/L
RT: 4.74 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Tgt Ion: 43 Resp: 4490

Ion	Ratio	Lower	Upper
43	100		
72	21.5	11.7	35.0



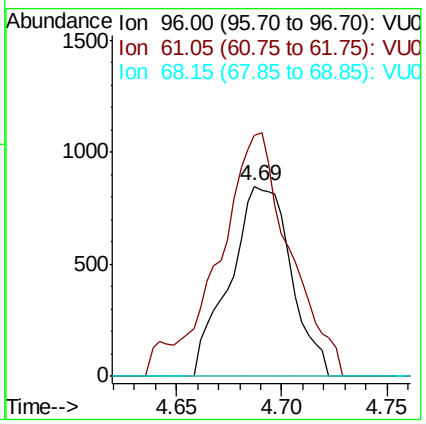


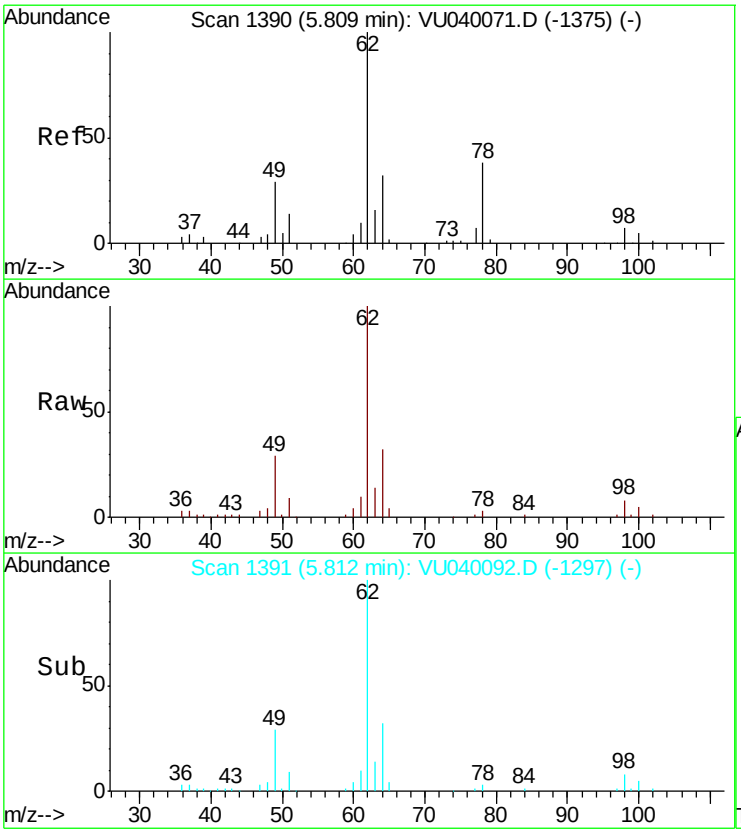
#22
cis-1,2-Dichloroethene
Concen: 0.177 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
F4Y35

Tgt Ion: 96 Resp: 1705

Ion	Ratio	Lower	Upper
96	100		
61	127.0	98.8	183.4
68	0.0	0.0	0.0

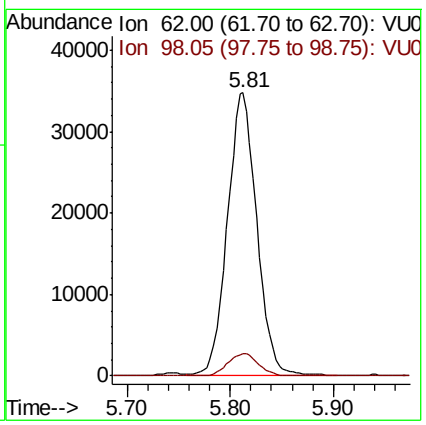


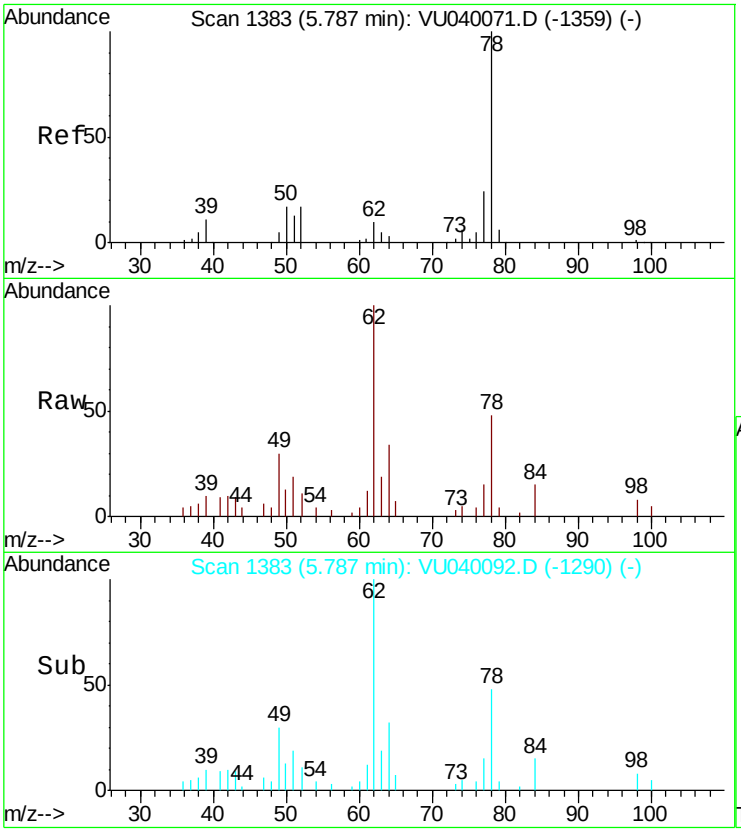


#27
1,2-Dichloroethane
Concen: 5.010 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Tgt Ion: 62 Resp: 69162

Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.1	9.1

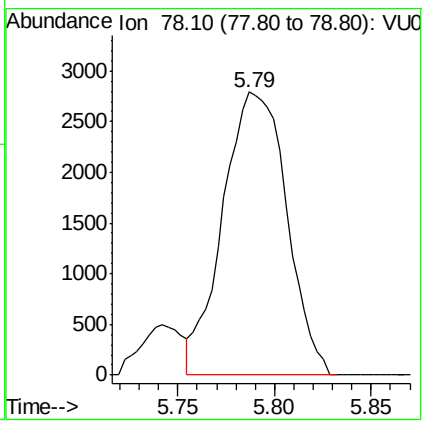


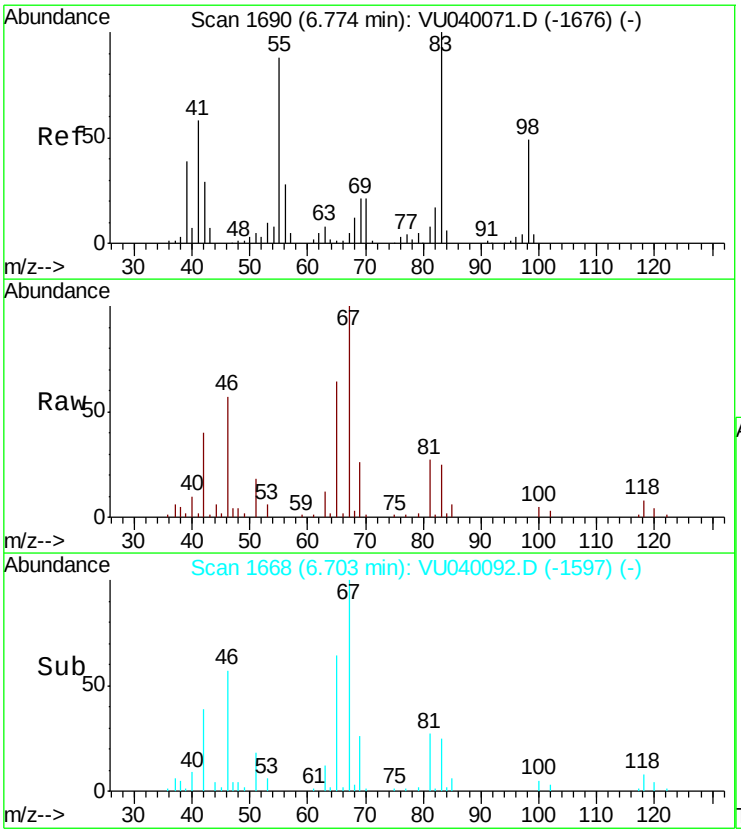


#33
Benzene
Concen: 0.166 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
F4Y35

Tgt Ion: 78 Resp: 6416

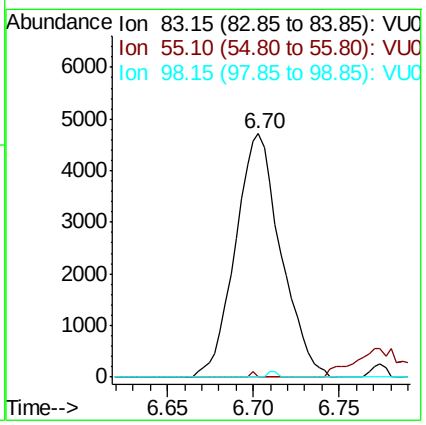


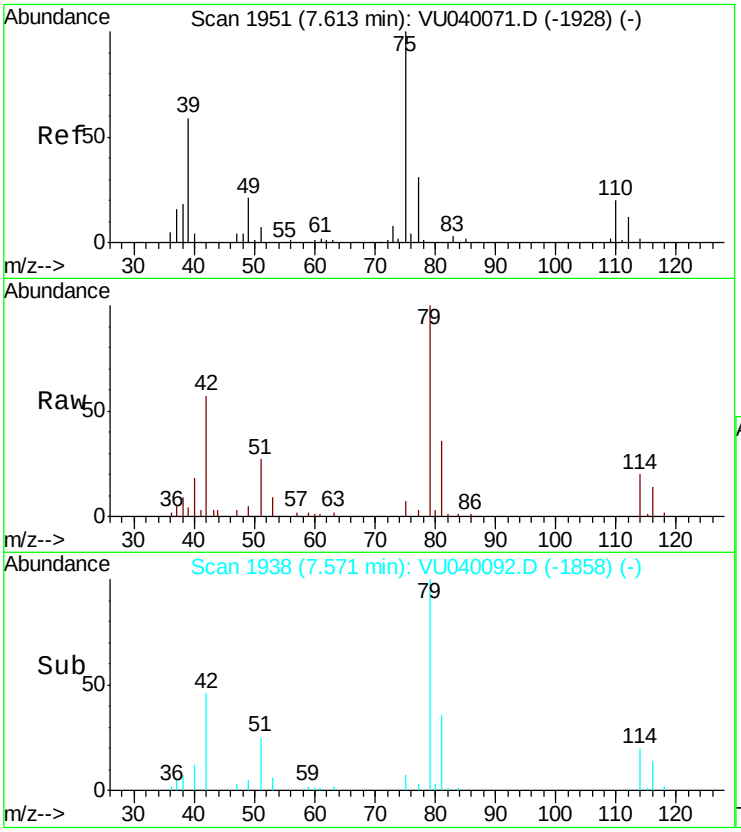


#35
Methylcyclohexane
Concen: 0.544 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Tgt Ion: 83 Resp: 8650

Ion	Ratio	Lower	Upper
83	100		
55	13.5	70.5	105.7#
98	0.5	37.8	56.6#



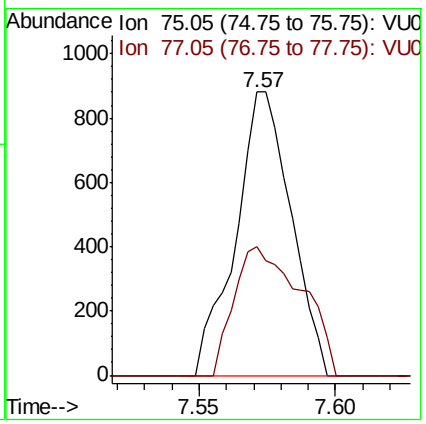


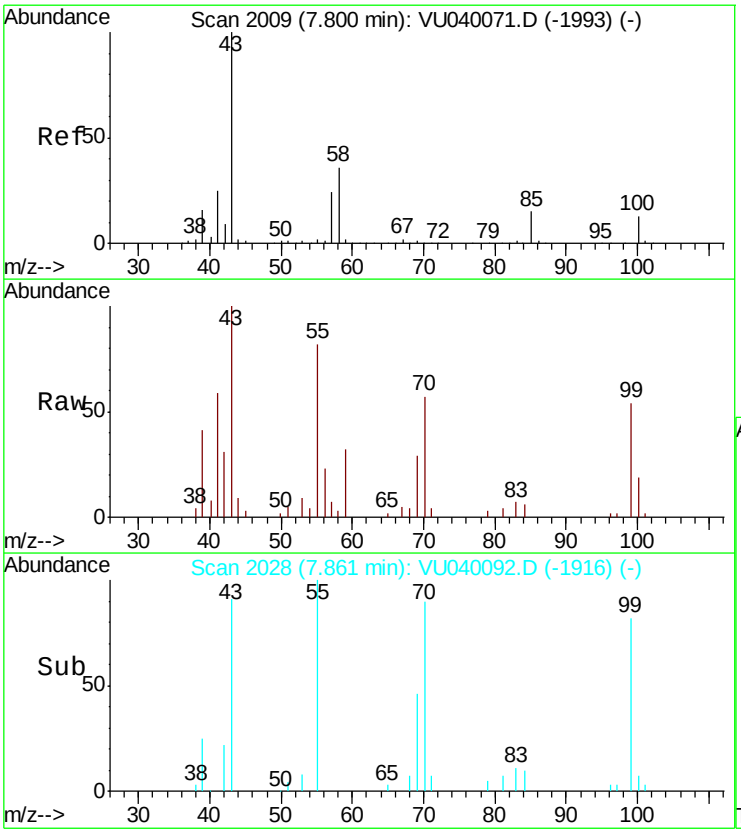
#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
F4Y35

Tgt Ion: 75 Resp: 1241

Ion	Ratio	Lower	Upper
75	100		
77	45.6	21.1	39.3#

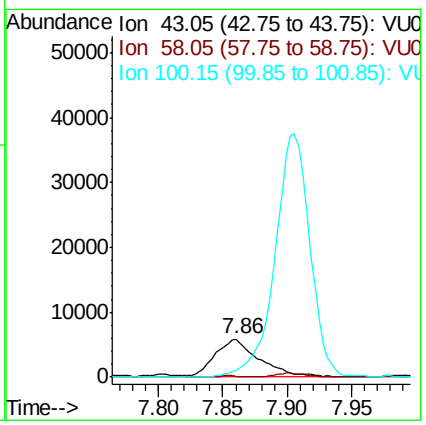


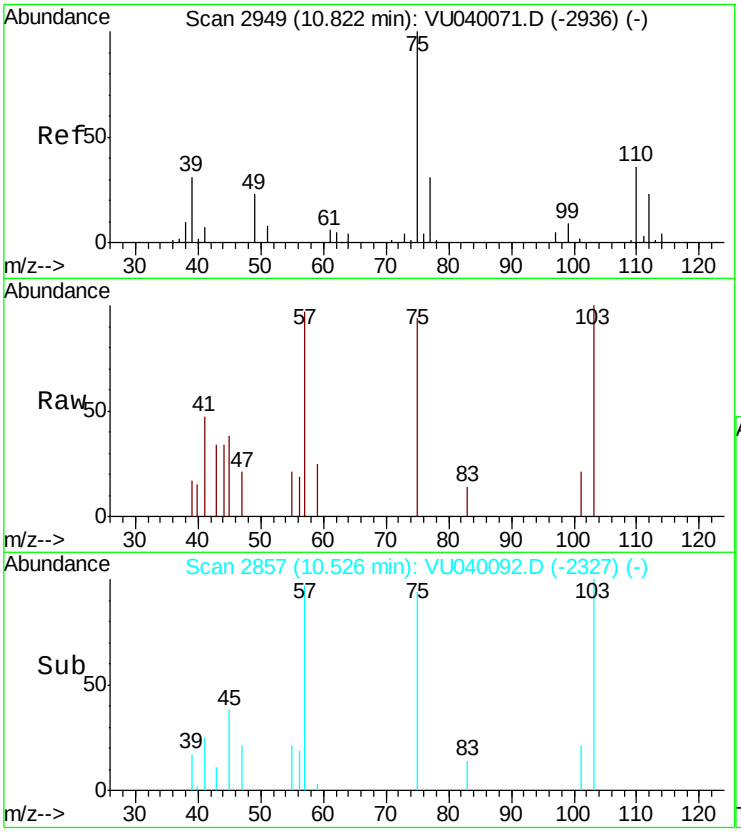


#40
4-Methyl-2-pentanone
Concen: 1.632 ug/L
RT: 7.86 min Scan# 2028
Delta R.T. 0.06 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Tgt Ion: 43 Resp: 14026

Ion	Ratio	Lower	Upper
43	100		
58	2.6	28.7	43.1#
100	0.0	10.2	15.2#





#59
1,2,3-Trichloropropane
Concen: 0.186 ug/L
RT: 10.53 min Scan# 2857
Delta R.T. -0.30 min
Lab File: VU040092.D
Acq: 10 Sep 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
F4Y35

Tgt Ion: 75 Resp: 1446

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.9	37.3#