Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072920\
Data File : VU039707.D
Acq On : 29 Jul 2020 16:54
Operator : SY/MD
Sample : L3319-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PT-ADD-WS

Quant Time: Jul 30 01:48:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:45:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.13	96	21172	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	6511	0.79	ug/l		0.00
Spiked Amount 1.000			Recovery = 79.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	7353	0.91	ug/l		0.00
Spiked Amount 1.000			Recovery = 91.00%				
Target Compounds							Qvalue
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	146819	22.964	ug/l		99
12) Acrylonitrile	3.39	53	4465	2.162	ug/l	#	33
13) Acetone	2.59	43	2930	1.508	ug/l	#	77
15) Methylene Chloride	3.06	84	5390	0.657	ug/l		95
18) 2-Butanone	4.53	43	37718	11.545	ug/l	#	1
23) Diethyl Ether	2.59	59	1728	0.287	ug/l	#	16
24) tert-Butyl Alcohol	3.20	59	34112	42.883	ug/l		98
25) Methyl tert-Butyl Ether	3.39	73	318572	16.597	ug/l		99
31) Isopropyl Ether	4.02	45	295478	11.031	ug/l		99
32) Ethyl-t-butyl ether	4.53	59	274514	12.043	ug/l		98
33) Tert-Amyl methyl ether	5.97	73	361673	22.008	ug/l		100
41) Tetrahydrofuran	5.08	42	448	0.210	ug/l	#	38
46) t-1,4-Dichloro-2-butene	10.91	75	12047	6.805	ug/l	#	1
71) 1,2,3-Trichloropropane	10.91	75	12047	2.176	ug/l	#	1
73) n-propylbenzene	10.91	120	398704	48.978	ug/l		93
75) 1,3,5-Trimethylbenzene	10.91	105	67173	2.684	ug/l	#	1

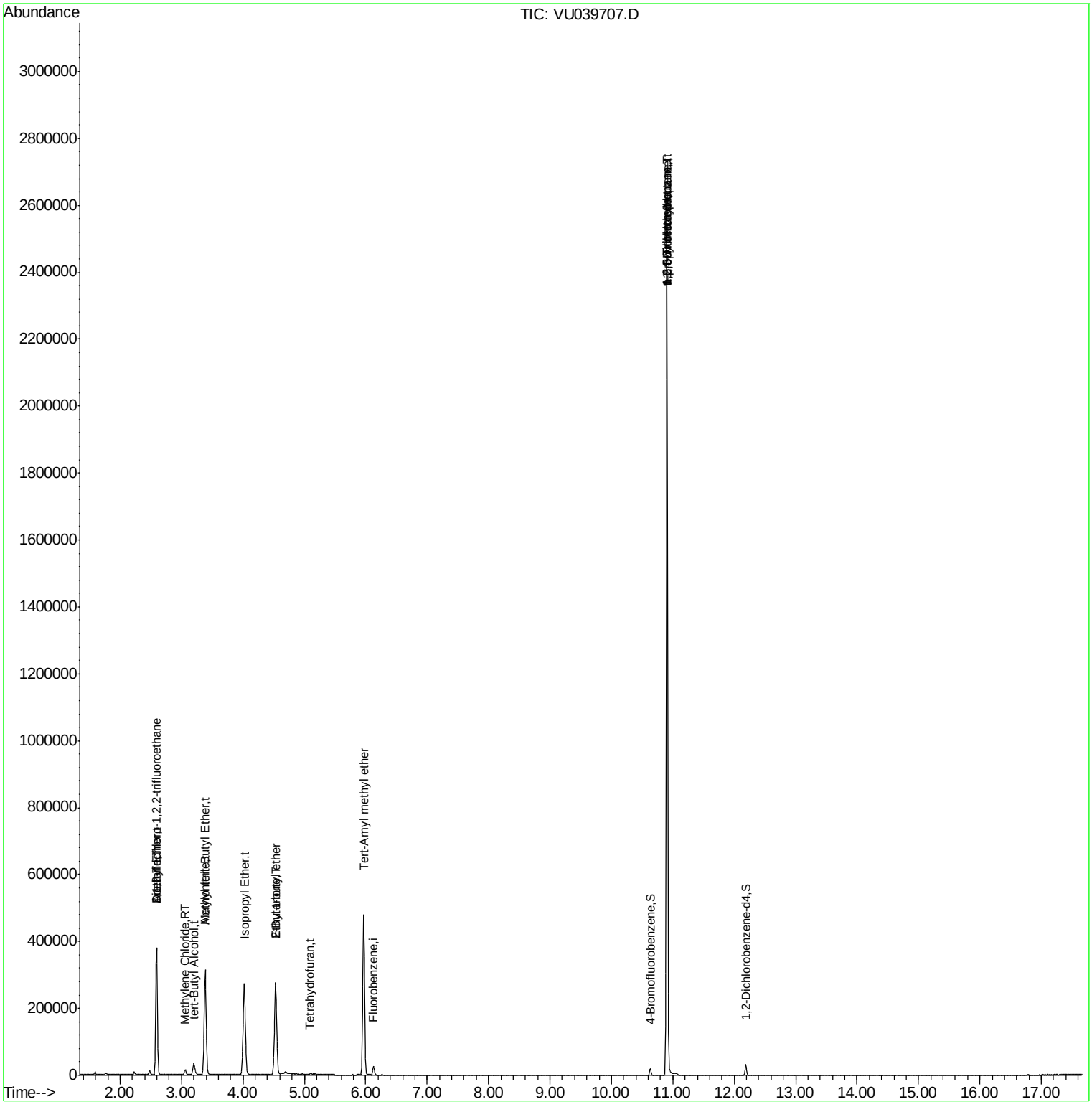
(#) = qualifier out of range (m) = manual integration (+) = signals summed

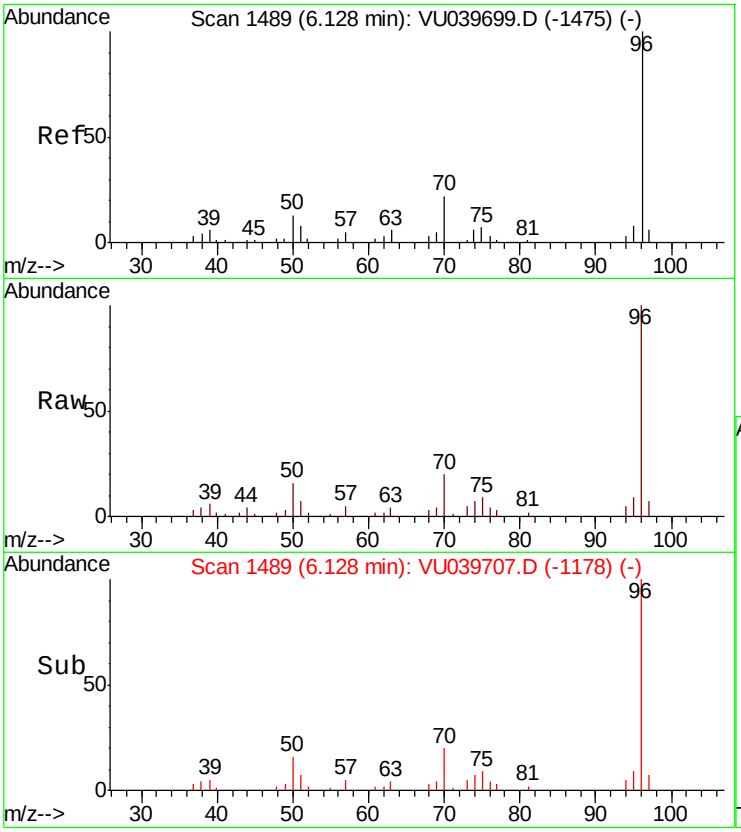
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072920\
Data File : VU039707.D
Acq On : 29 Jul 2020 16:54
Operator : SY/MD
Sample : L3319-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Quant Time: Jul 30 01:48:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:45:12 2020
Response via : Initial Calibration



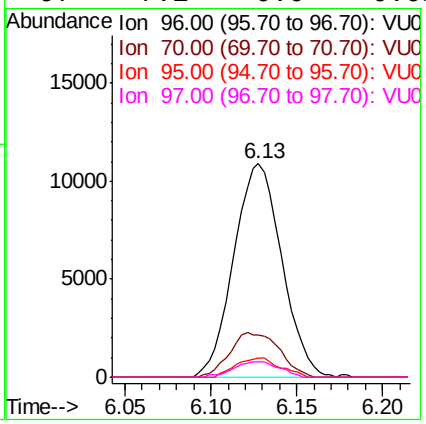


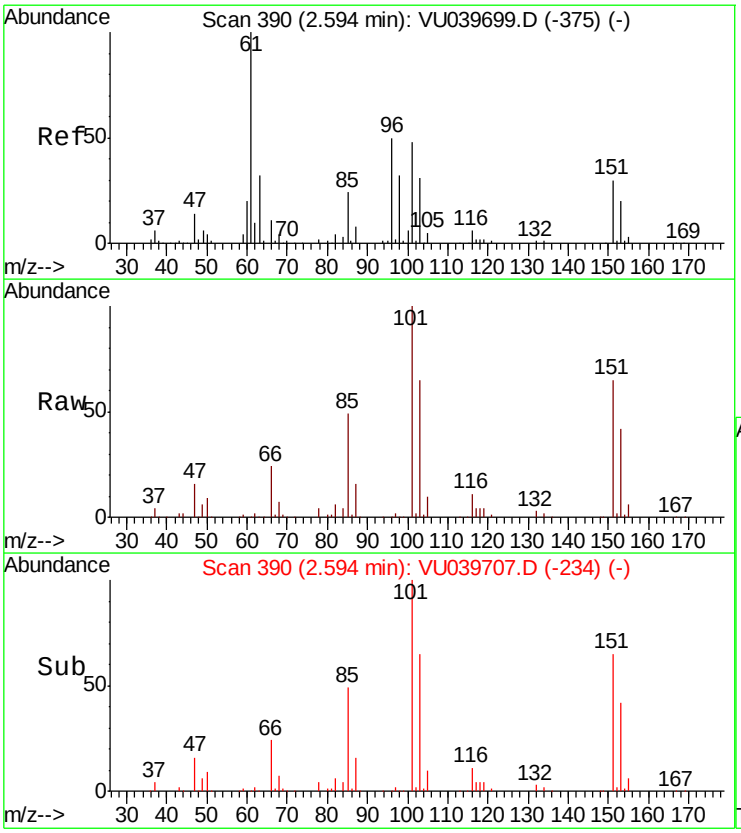
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.13 min Scan# 1489
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 96 Resp: 21172

Ion	Ratio	Lower	Upper
96	100		
70	21.5	16.3	24.5
95	8.5	6.8	10.2
97	7.1	0.0	0.0#

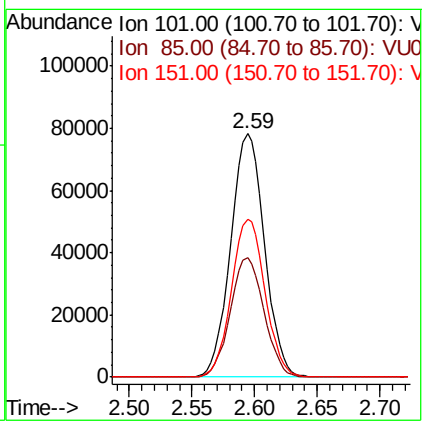


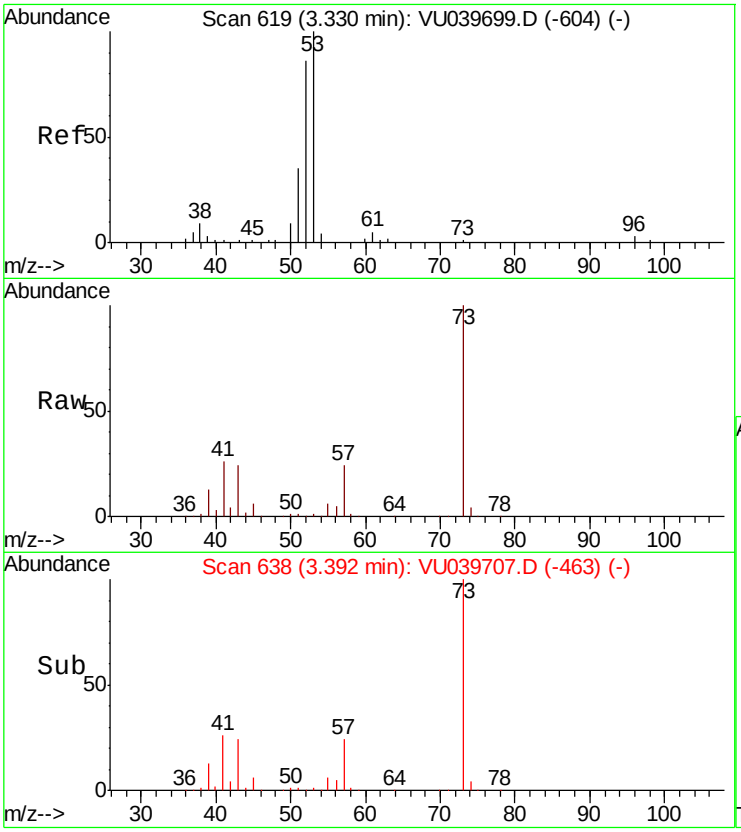


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.964 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion:101 Resp: 146819

Ion	Ratio	Lower	Upper
101	100		
85	49.0	39.9	59.9
151	64.2	51.0	76.4



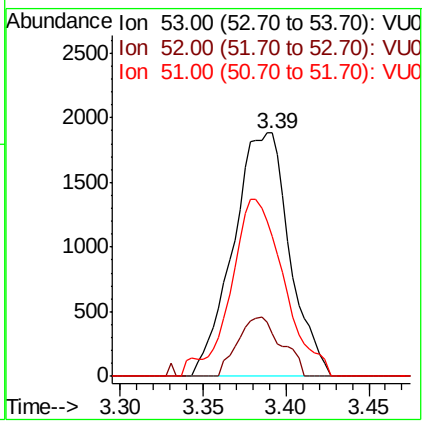


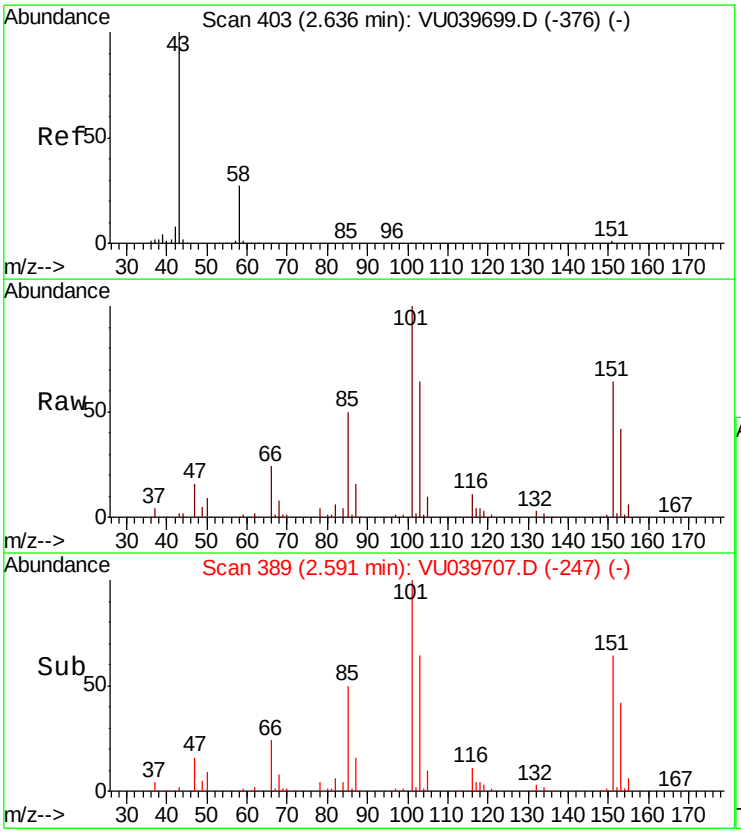
#12
Acrylonitrile
Concen: 2.162 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.06 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 53 Resp: 4465

Ion	Ratio	Lower	Upper
53	100		
52	18.8	69.1	103.7#
51	68.6	29.4	44.2#

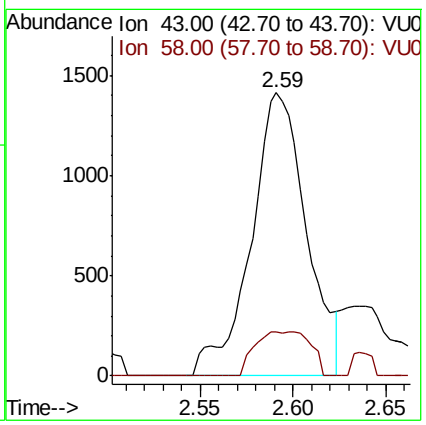


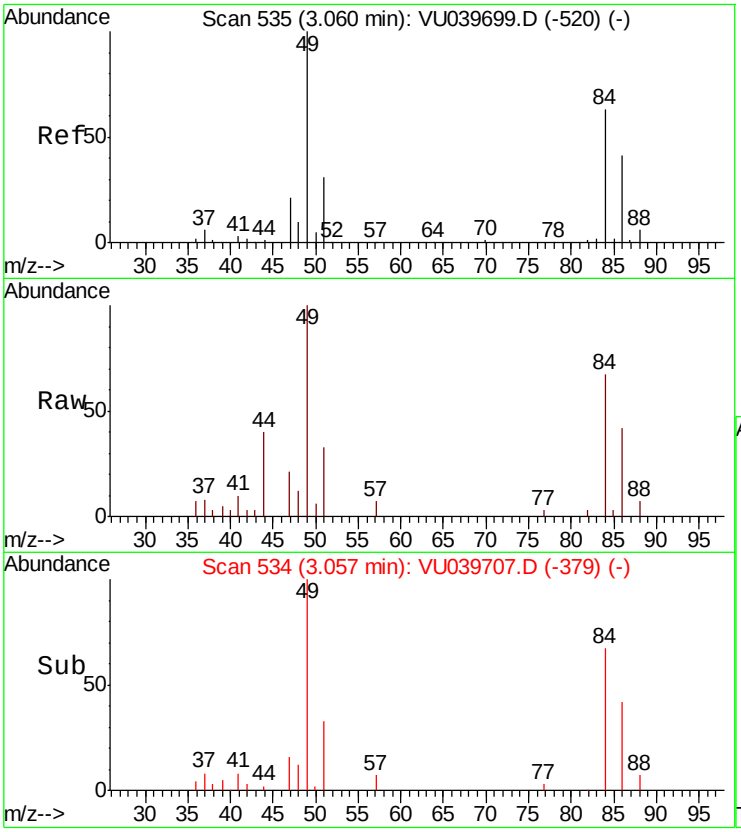


#13
Acetone
Concen: 1.508 ug/l
RT: 2.59 min Scan# 389
Delta R.T. -0.05 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion: 43 Resp: 2930

Ion	Ratio	Lower	Upper
43	100		
58	15.5	21.8	32.6#



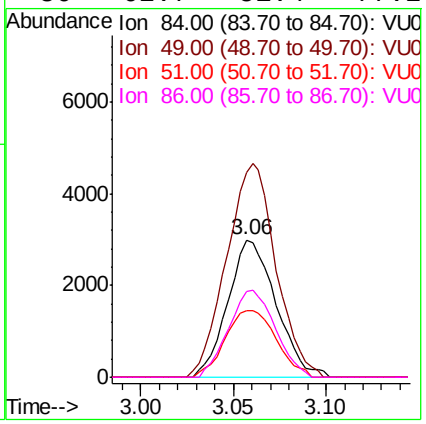


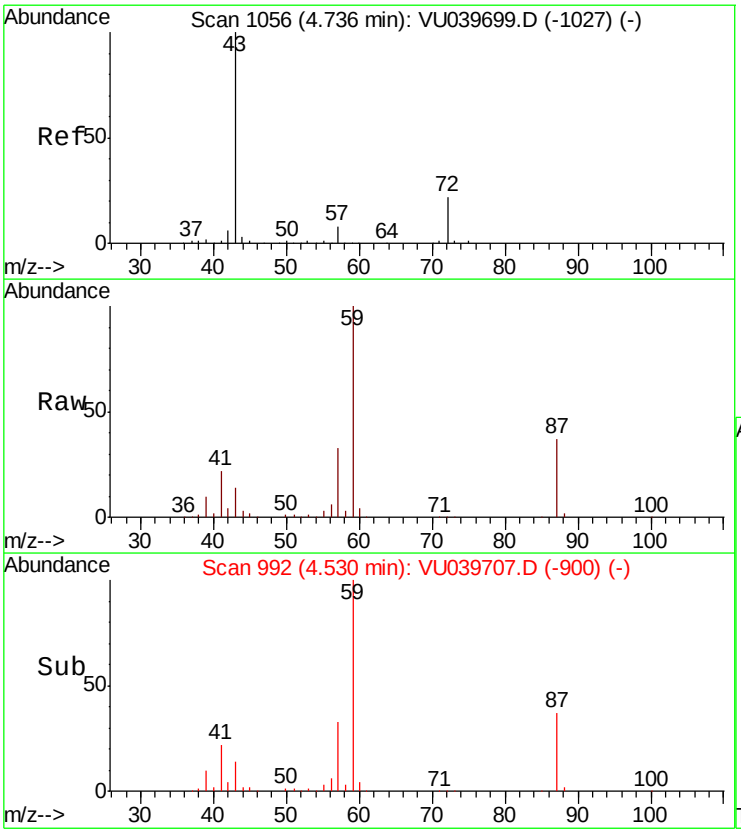
#15
Methylene Chloride
Concen: 0.657 ug/l
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument : MSVOA_U
ClientSampleId : PT-ADD-WS

Tgt Ion: 84 Resp: 5390

Ion	Ratio	Lower	Upper
84	100		
49	149.3	126.8	190.2
51	48.7	0.0	97.2
86	62.7	51.4	77.2

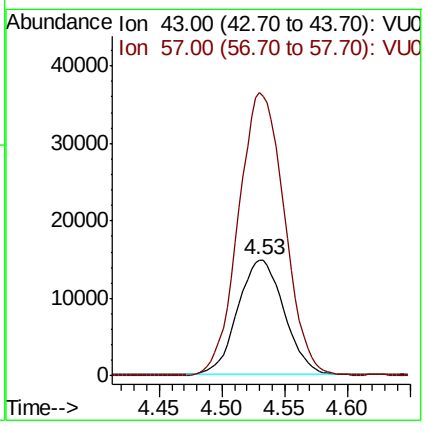


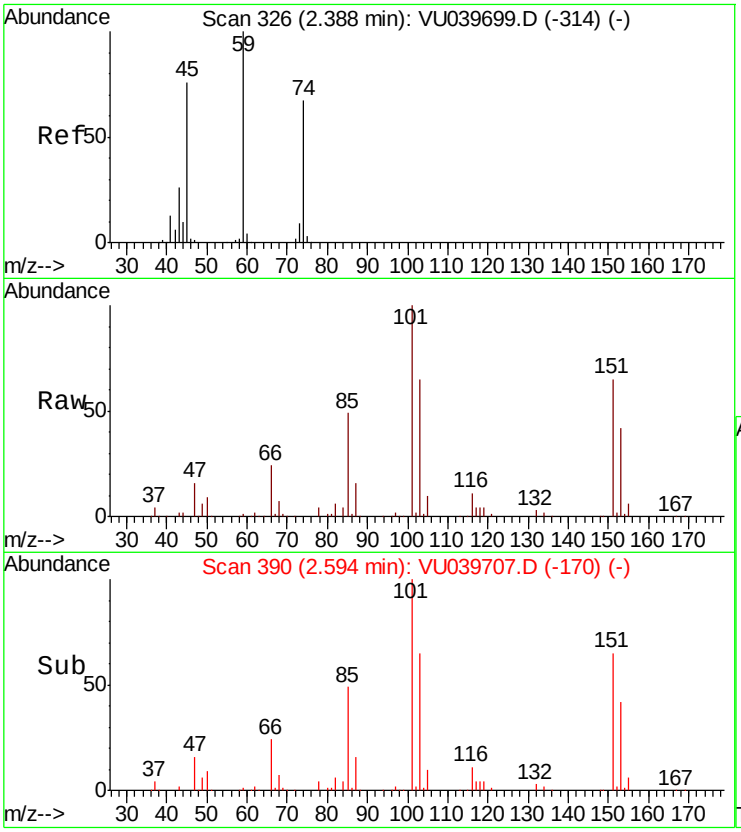


#18
2-Butanone
Concen: 11.545 ug/l
RT: 4.53 min Scan# 992
Delta R.T. -0.21 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion: 43 Resp: 37718

Ion	Ratio	Lower	Upper
43	100		
57	246.2	0.0	15.2#



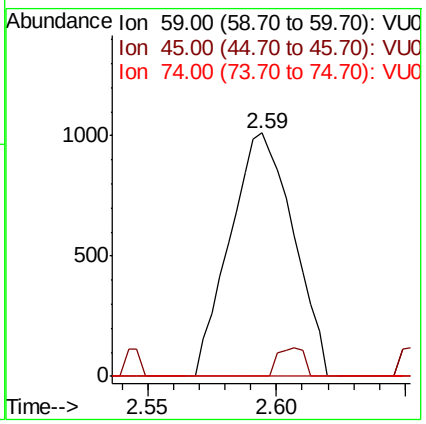


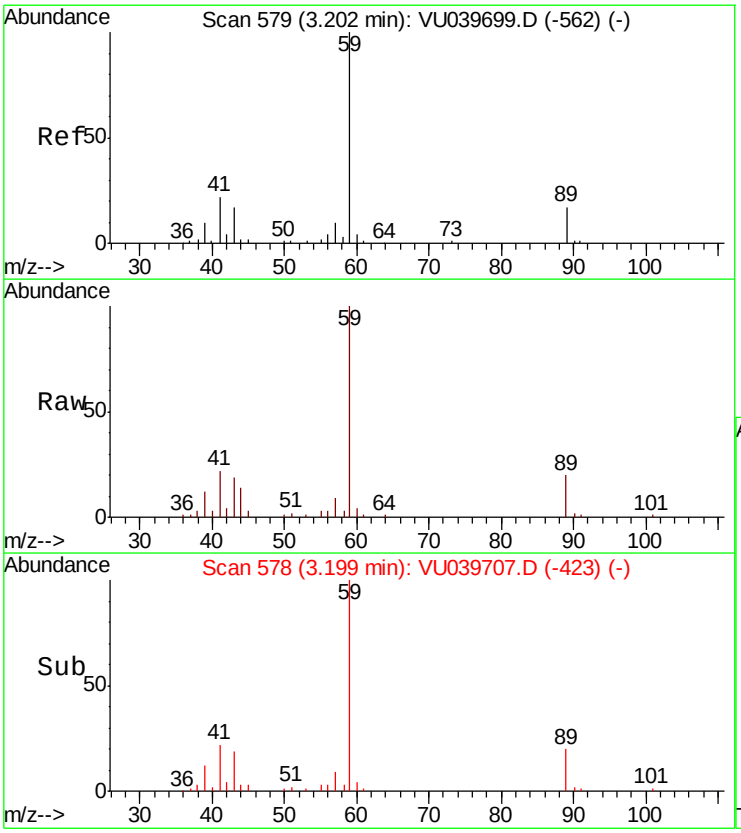
#23
Diethyl Ether
Concen: 0.287 ug/l
RT: 2.59 min Scan# 390
Delta R.T. 0.21 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument : MSVOA_U
ClientSampleId : PT-ADD-WS

Tgt Ion: 59 Resp: 1728

Ion	Ratio	Lower	Upper
59	100		
45	4.9	61.5	92.3#
74	0.0	54.3	81.5#

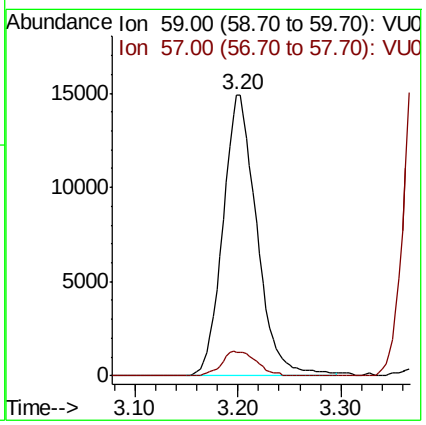


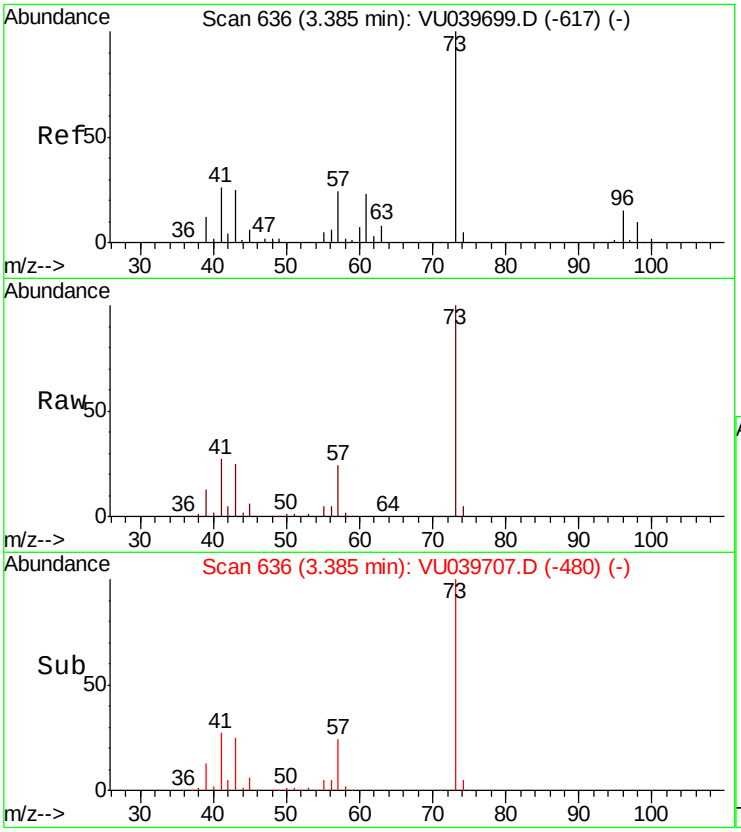


#24
tert-Butyl Alcohol
Concen: 42.883 ug/l
RT: 3.20 min Scan# 578
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion: 59 Resp: 34112

Ion	Ratio	Lower	Upper
59	100		
57	9.0	7.8	11.6



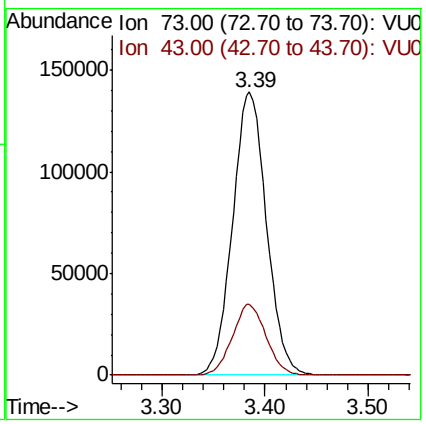


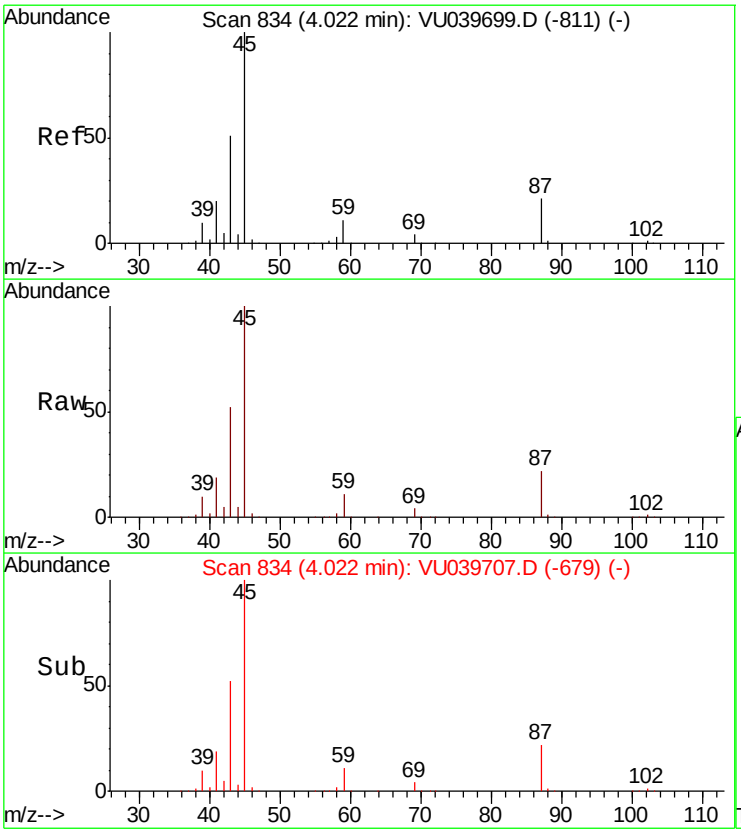
#25
Methyl tert-Butyl Ether
Concen: 16.597 ug/l
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 73 Resp: 318572

Ion	Ratio	Lower	Upper
73	100		
43	24.6	20.1	30.1

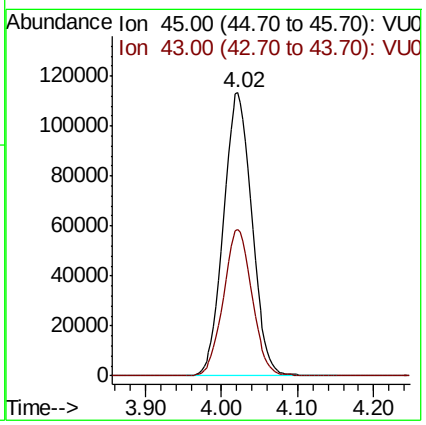


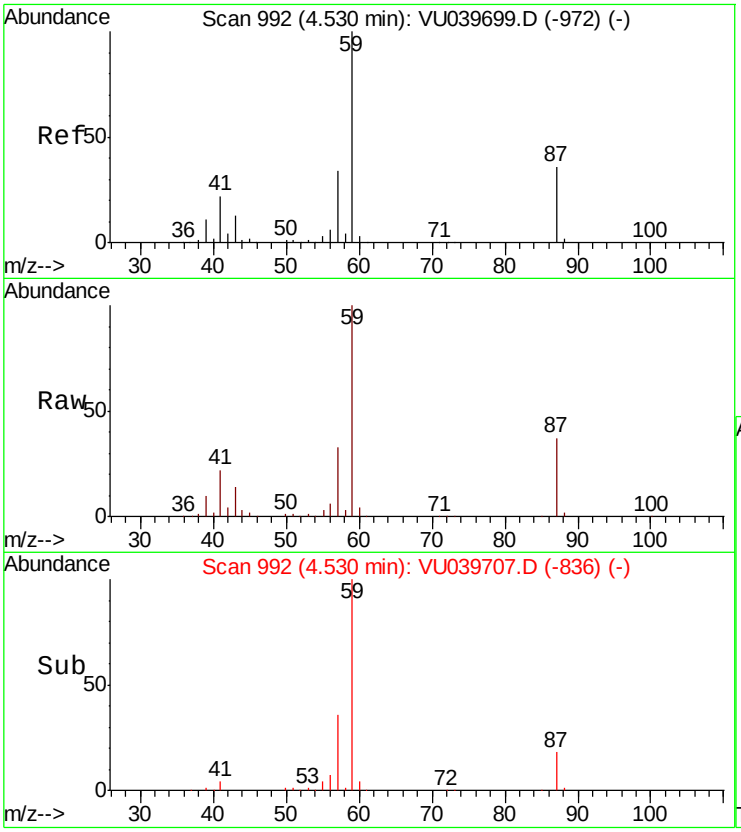


#31
Isopropyl Ether
Concen: 11.031 ug/l
RT: 4.02 min Scan# 834
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion: 45 Resp: 295478

Ion	Ratio	Lower	Upper
45	100		
43	51.9	26.5	79.4



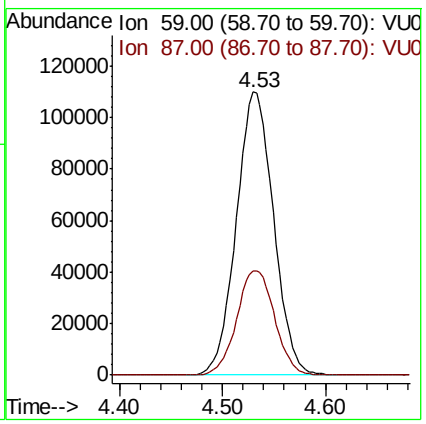


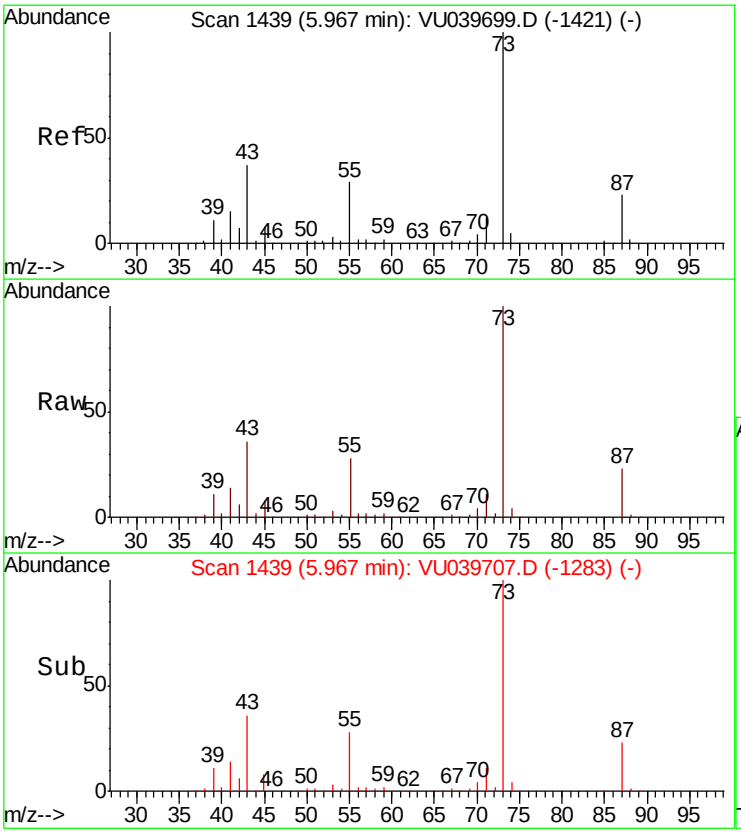
#32
Ethyl-t-butyl ether
Concen: 12.043 ug/l
RT: 4.53 min Scan# 992
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 59 Resp: 274514

Ion	Ratio	Lower	Upper
59	100		
87	37.7	29.4	44.0

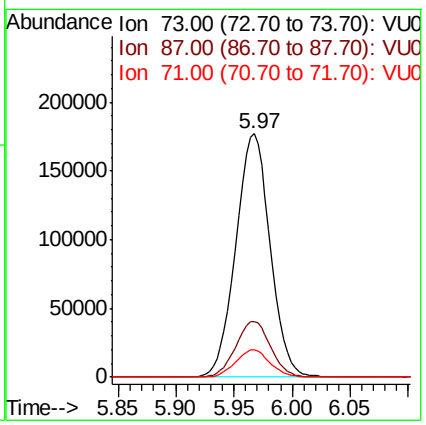


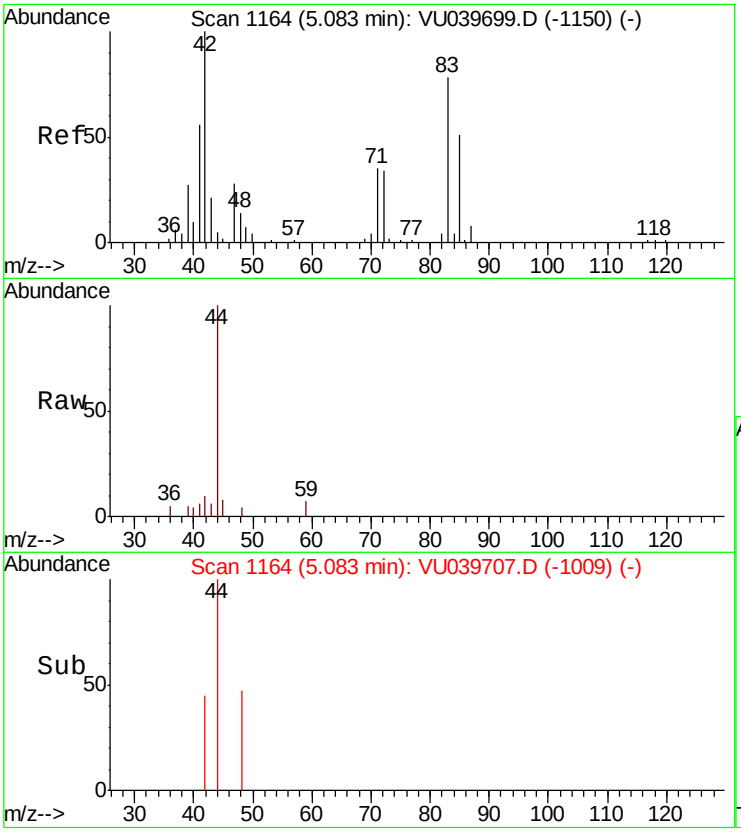


#33
Tert-Amyl methyl ether
Concen: 22.008 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion: 73 Resp: 361673

Ion	Ratio	Lower	Upper
73	100		
87	23.1	18.7	28.1
71	11.3	9.1	13.7



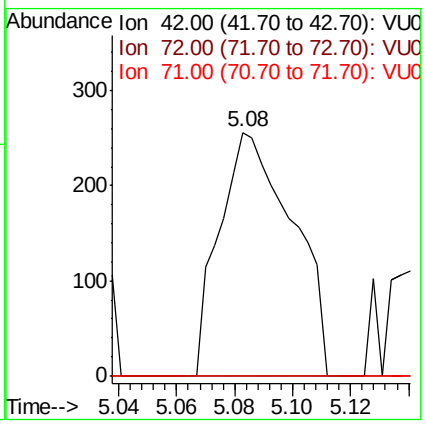


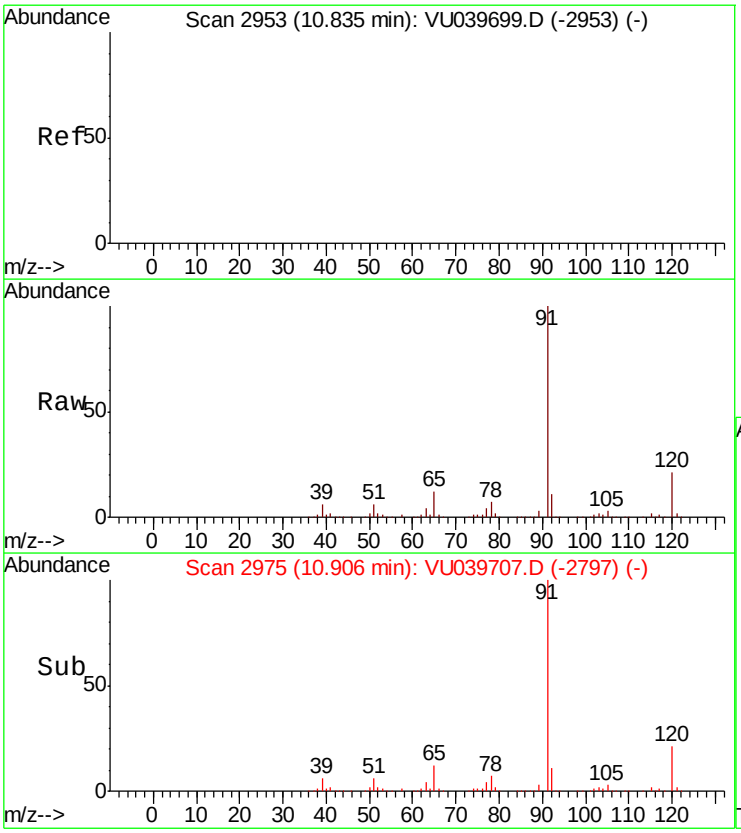
#41
Tetrahydrofuran
Concen: 0.210 ug/l
RT: 5.08 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument : MSVOA_U
ClientSampleId : PT-ADD-WS

Tgt Ion: 42 Resp: 448

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.0	46.6#
71	0.0	28.2	42.4#

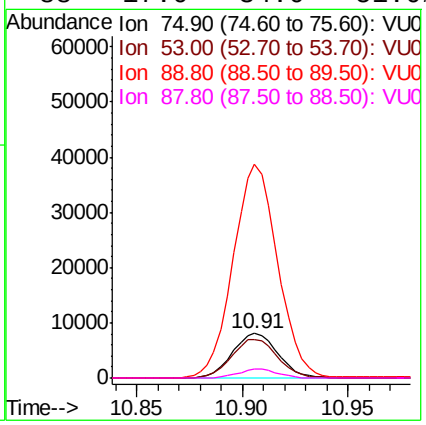


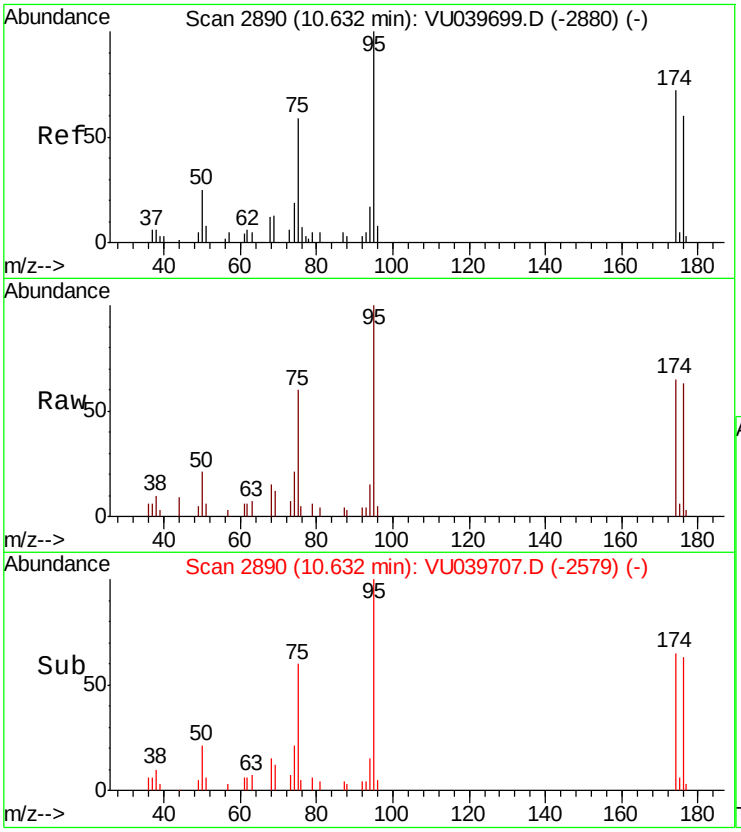


#46
t-1,4-Dichloro-2-butene
Concen: 6.805 ug/l
RT: 10.91 min Scan# 2975
Delta R.T. 0.07 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion: 75 Resp: 12047

Ion	Ratio	Lower	Upper
75	100		
53	88.9	78.6	118.0
89	472.4	40.3	60.5#
88	17.0	34.0	51.0#



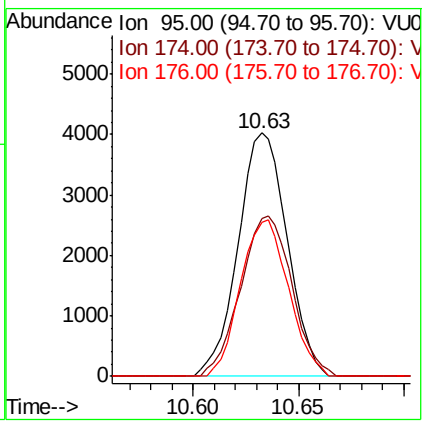


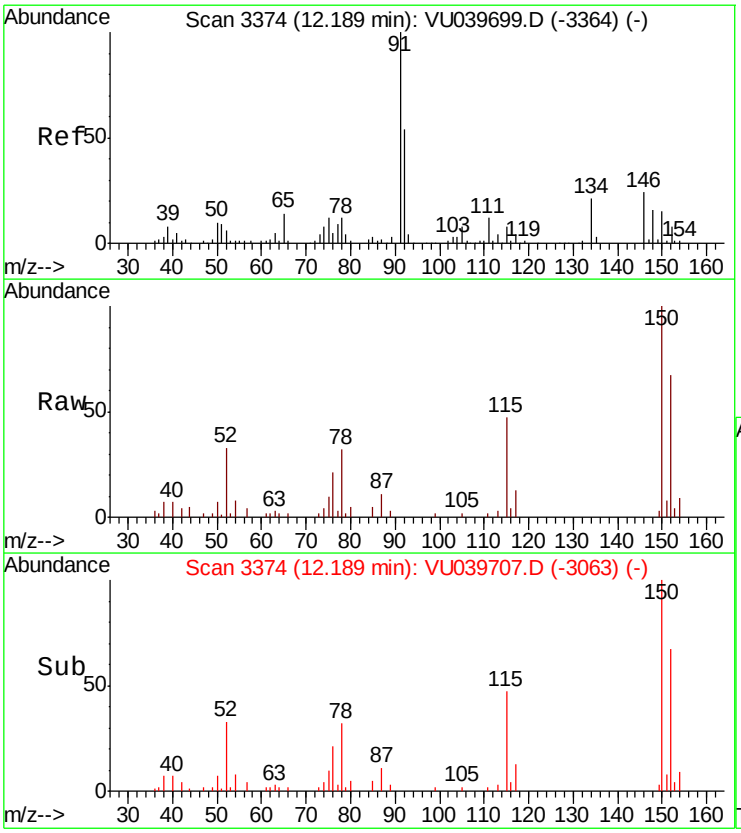
#57
4-Bromofluorobenzene
Concen: 0.787 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 95 Resp: 6511

Ion	Ratio	Lower	Upper
95	100		
174	69.0	57.0	85.4
176	63.0	50.2	75.2

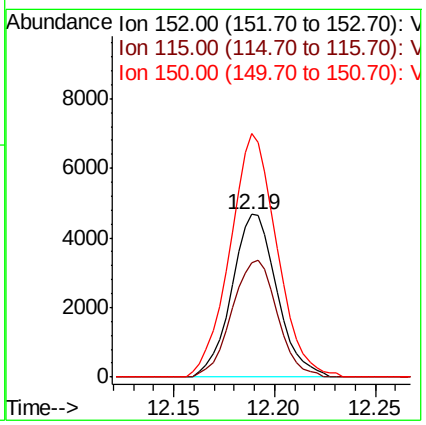


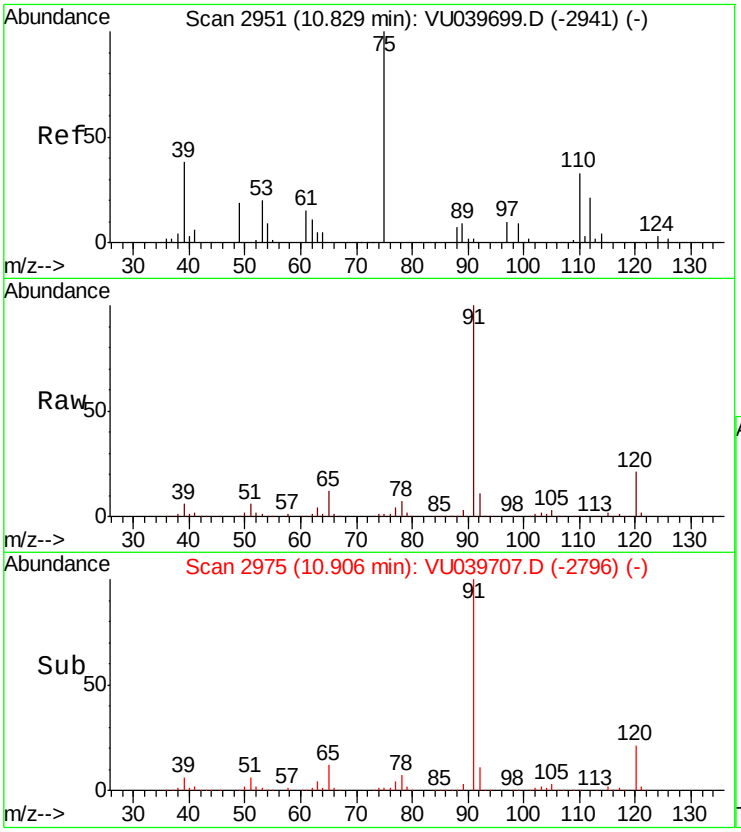


#68
1,2-Dichlorobenzene-d4
Concen: 0.908 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion:152 Resp: 7353

Ion	Ratio	Lower	Upper
152	100		
115	71.7	0.0	302.4
150	155.1	0.0	645.8



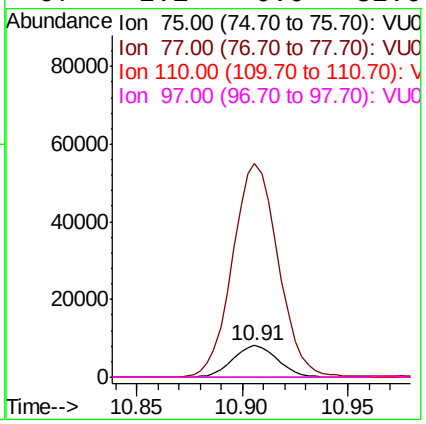


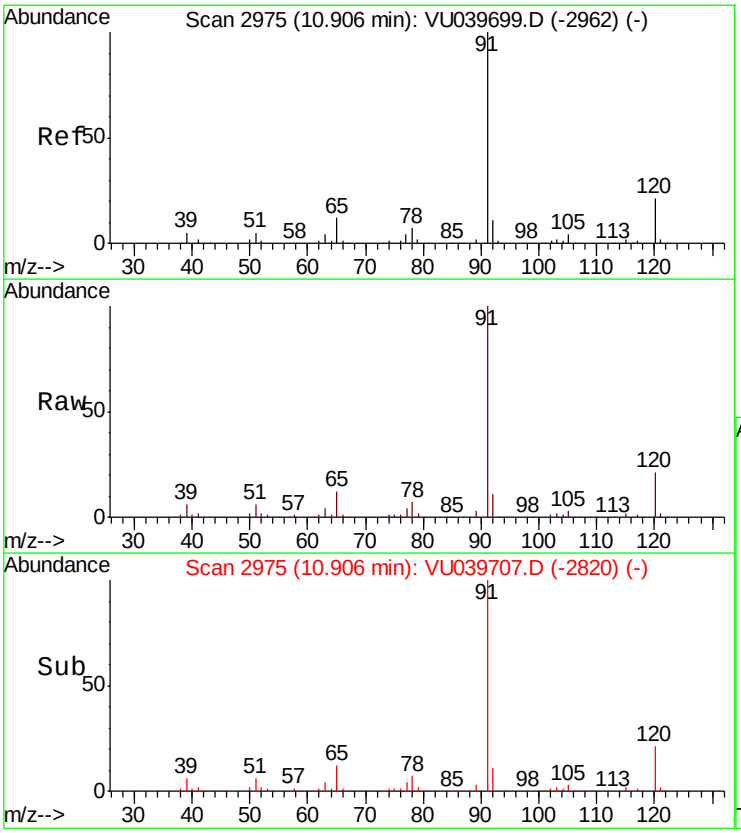
#71
1,2,3-Trichloropropane
Concen: 2.176 ug/l
RT: 10.91 min Scan# 2975
Delta R.T. 0.08 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 75 Resp: 12047

Ion	Ratio	Lower	Upper
75	100		
77	691.7	0.0	91.0#
110	1.2	0.0	64.2
97	2.1	0.0	32.6

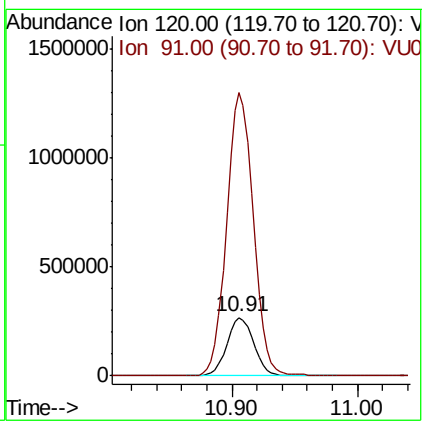


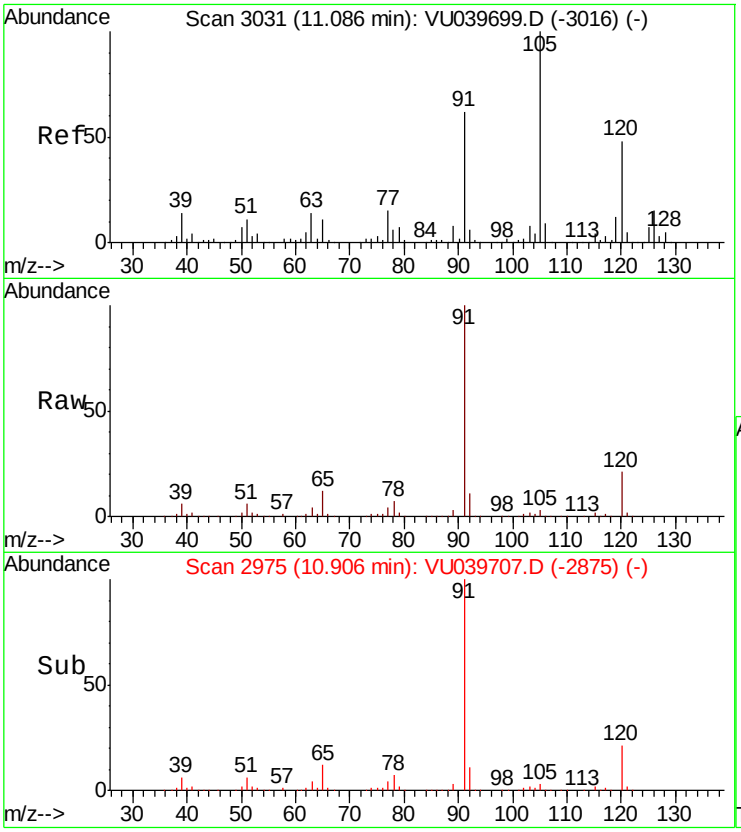


#73
n-propylbenzene
Concen: 48.978 ug/l
RT: 10.91 min Scan# 2975
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion:120 Resp: 398704

Ion	Ratio	Lower	Upper
120	100		
91	482.7	371.7	557.5





#75
1,3,5-Trimethylbenzene
Concen: 2.684 ug/l
RT: 10.91 min Scan# 2975
Delta R.T. -0.18 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion:105 Resp: 67173

Ion	Ratio	Lower	Upper
105	100		
120	593.5	38.0	57.0#

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS