Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052920\
Data File : VU038373.D
Acq On : 29 May 2020 11:58
Operator : JC/MD
Sample : L2756-07 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 29 16:59:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 16:52:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	636814	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	615956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	302667	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	191622	47.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.86%			
7) Chloroethane-d5	1.93	69	154440	50.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.00%			
11) 1,1-Dichloroethene-d2	2.59	63	299103	36.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.22%			
21) 2-Butanone-d5	4.66	46	388372	102.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.25%			
24) Chloroform-d	5.10	84	376086	47.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.82%			
26) 1,2-Dichloroethane-d4	5.74	65	258274	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.02%			
32) Benzene-d6	5.76	84	787181	49.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.36%			
36) 1,2-Dichloropropane-d6	6.72	67	240909	48.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.12%			
41) Toluene-d8	7.93	98	699239	49.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.84%			
43) trans-1,3-Dichloropropene-	8.20	79	115565	46.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.58%			
47) 2-Hexanone-d5	8.66	63	288515	110.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.45%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	342693	46.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.34%			
64) 1,2-Dichlorobenzene-d4	12.21	152	271051	48.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.62%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	5389	1.104	ug/L #	6
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3113	0.796	ug/L #	22
12) 1,1-Dichloroethene	2.60	96	5016	1.299	ug/L #	1
19) 1,1-Dichloroethane	3.91	63	15169	1.931	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	469802	103.408	ug/L	96
27) 1,2-Dichloroethane	5.81	62	12703	1.942	ug/L #	74
30) 1,1,1-Trichloroethane	5.35	97	65205	9.735	ug/L	99
31) Carbon tetrachloride	5.36	117	8240	1.476	ug/L	84
33) Benzene	5.81	78	1345973	77.803	ug/L	100
34) Trichloroethene	6.57	95	105359	23.804	ug/L	98
37) 1,2-Dichloropropane	6.72	63	26493	5.905	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	7149	1.001	ug/L #	58
40) 4-Methyl-2-pentanone	7.82	43	141964	19.896	ug/L	99
42) Toluene	8.00	91	2452872	135.054	ug/L	99
48) 2-Hexanone	8.71	43	25808	4.284	ug/L	93
52) Ethylbenzene	9.59	91	58145	2.857	ug/L	99
53) m,p-Xylene	9.71	106	47903	6.155	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052920\
Data File : VU038373.D
Acq On : 29 May 2020 11:58
Operator : JC/MD
Sample : L2756-07 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 29 16:59:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 16:52:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-xylene	10.12	106	21037	2.780	ug/L	96
55) Styrene	10.13	104	39548	3.041	ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	38196	6.088	ug/L	90
69) Naphthalene	14.12	128	282647	13.071	ug/L	99

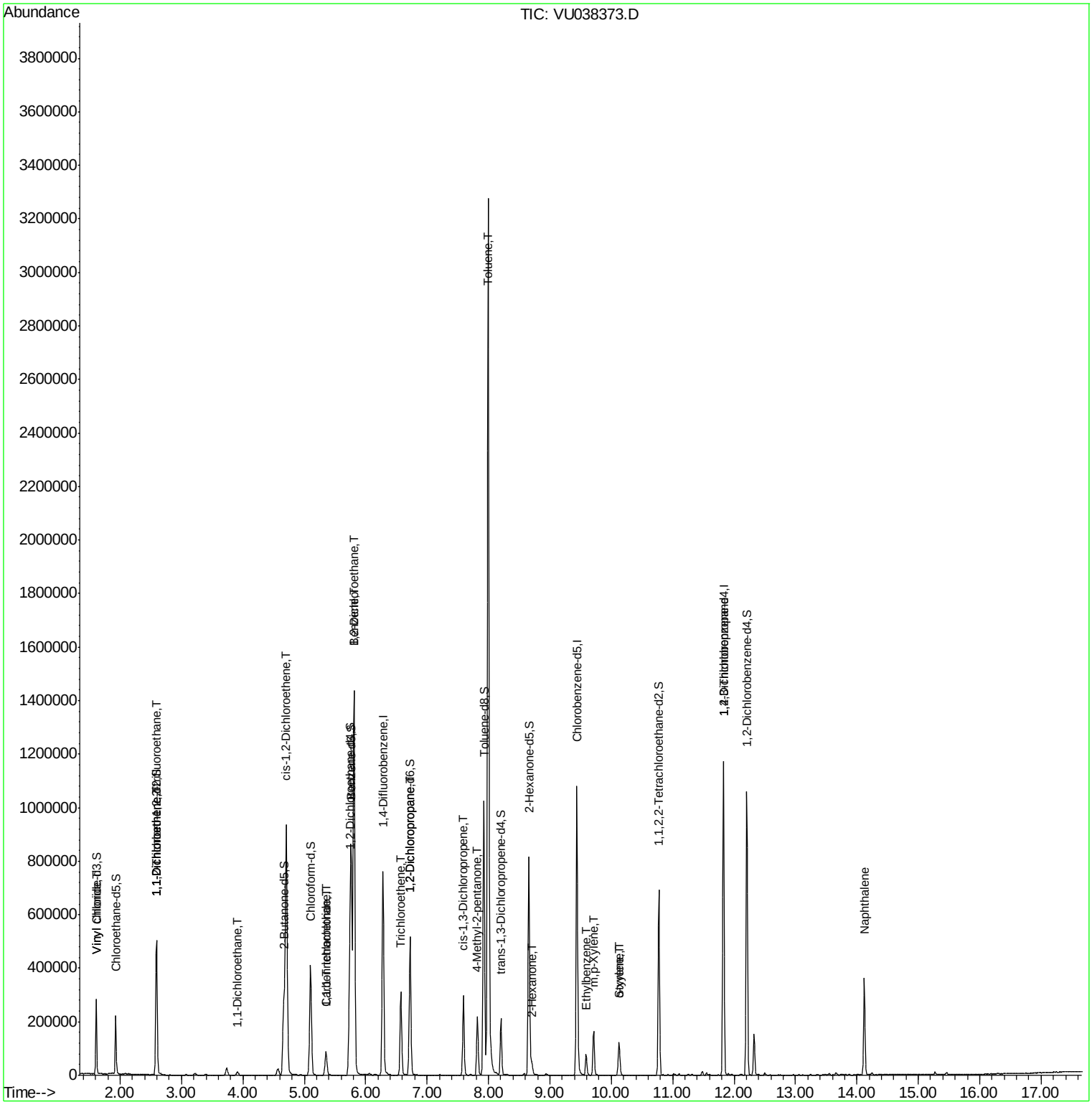
(#) = qualifier out of range (m) = manual integration (+) = signals summed

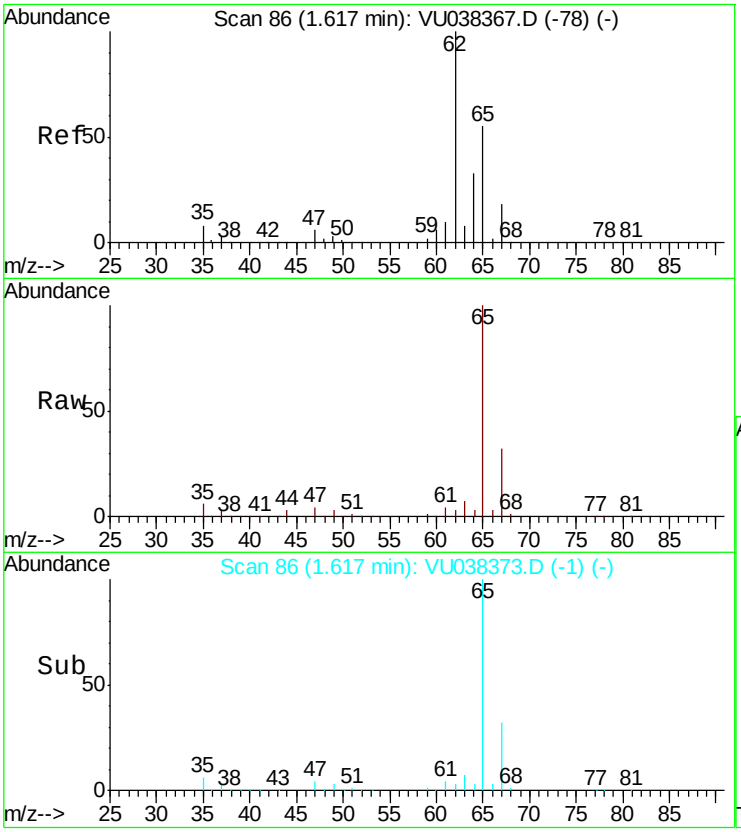
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052920\
Data File : VU038373.D
Acq On : 29 May 2020 11:58
Operator : JC/MD
Sample : L2756-07 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 29 16:59:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 16:52:36 2020
Response via : Initial Calibration



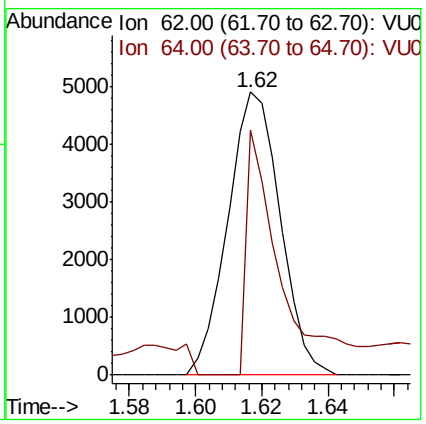


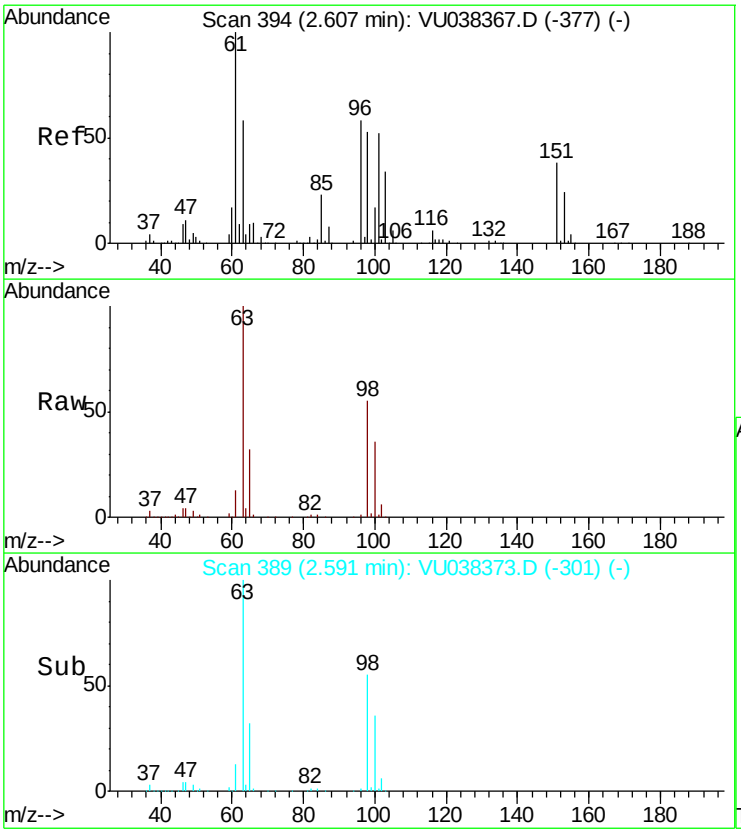
#5
Vinyl chloride
Concen: 1.104 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 5389

Ion	Ratio	Lower	Upper
62	100		
64	86.5	23.2	43.0#

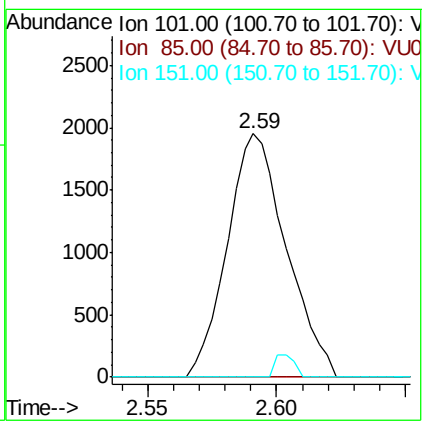


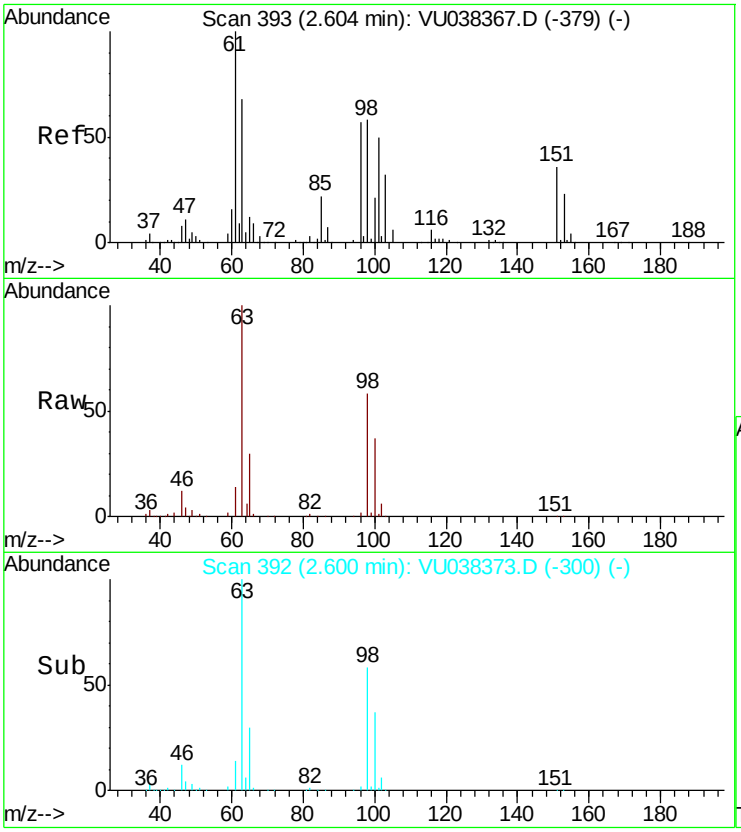


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.796 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion:101 Resp: 3113

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.5	53.3#
151	3.0	58.4	87.6#



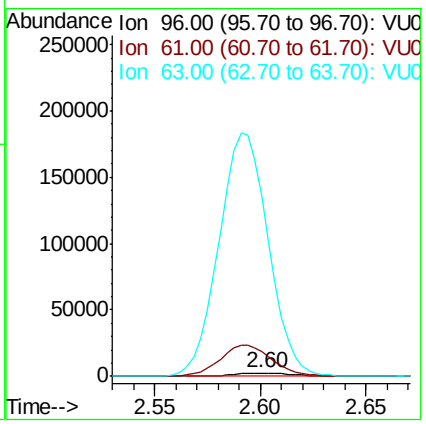


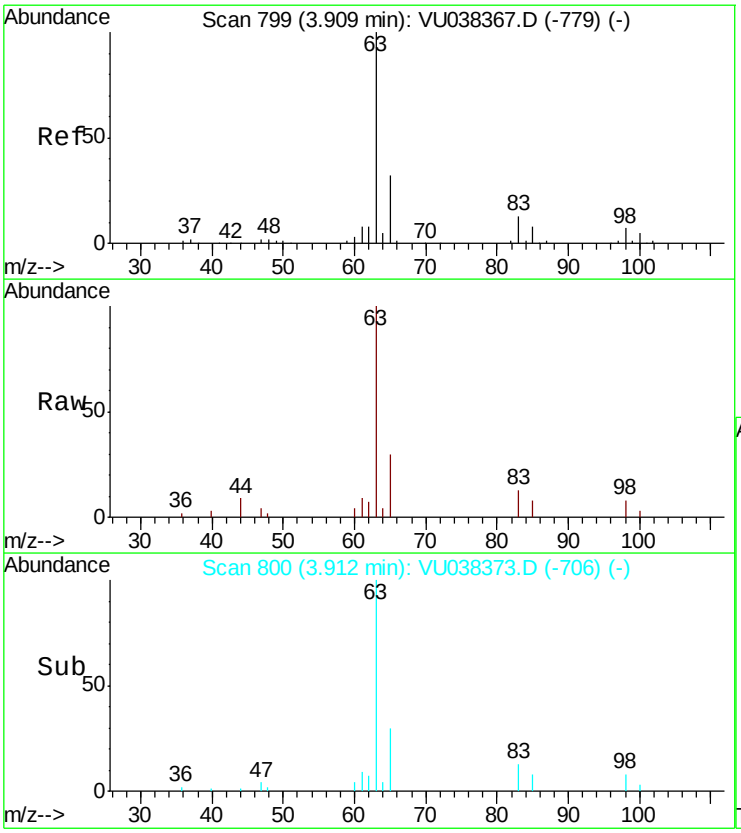
#12
1,1-Dichloroethene
Concen: 1.299 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 5016

Ion	Ratio	Lower	Upper
96	100		
61	769.1	123.5	229.3#
63	5505.8	76.6	142.2#

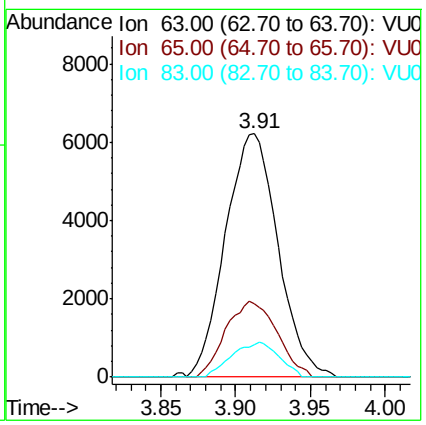


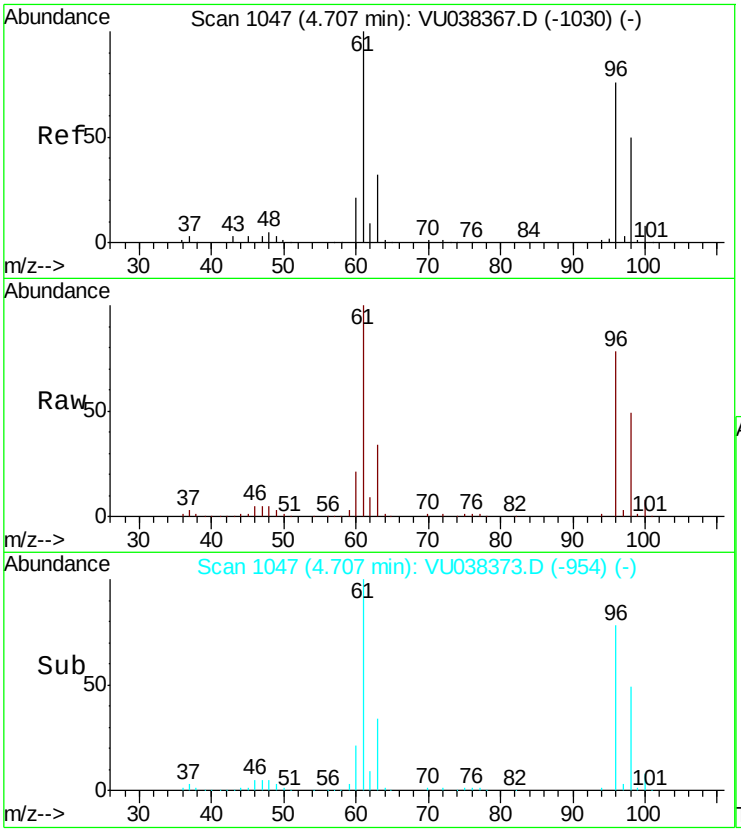


#19
1,1-Dichloroethane
Concen: 1.931 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion: 63 Resp: 15169

Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.2	41.2
83	13.2	9.4	17.4



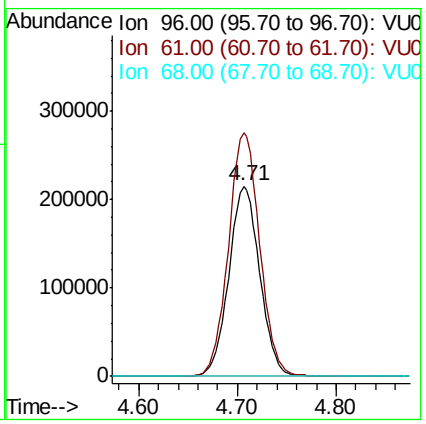


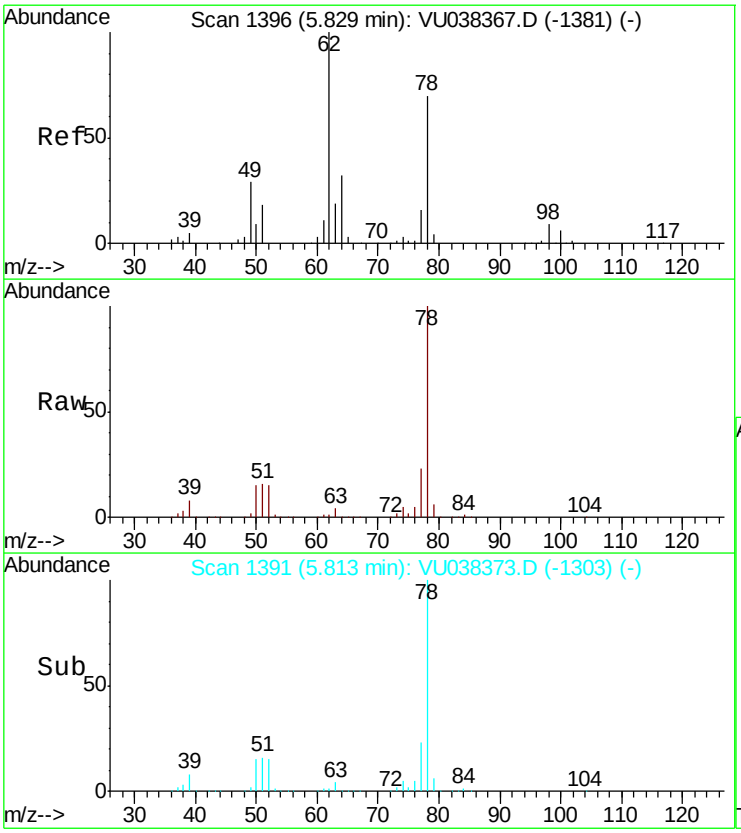
#20
cis-1,2-Dichloroethene
Concen: 103.408 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 469802

Ion	Ratio	Lower	Upper
96	100		
61	128.2	93.4	173.4
68	0.0	0.0	0.0

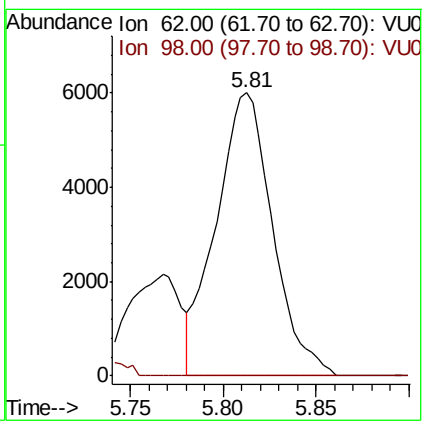


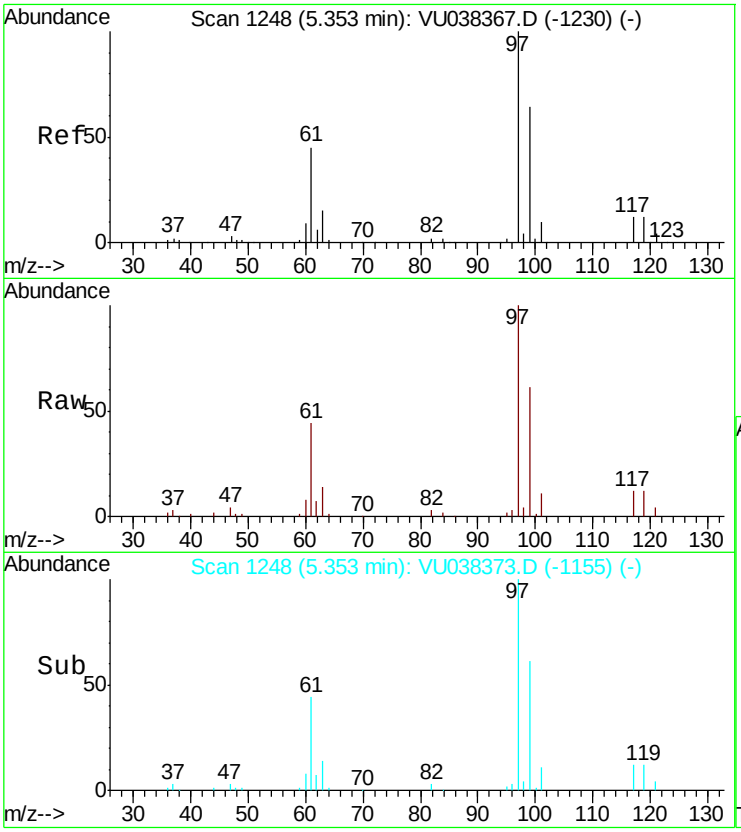


#27
1,2-Dichloroethane
Concen: 1.942 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. -0.02 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion: 62 Resp: 12703

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#



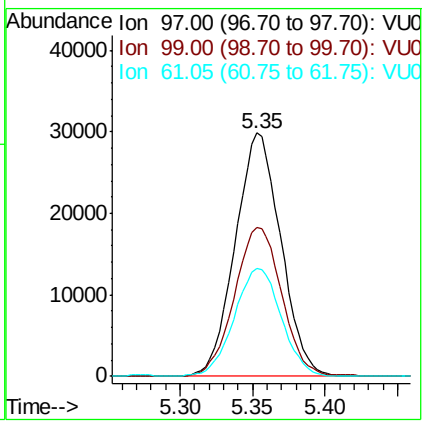


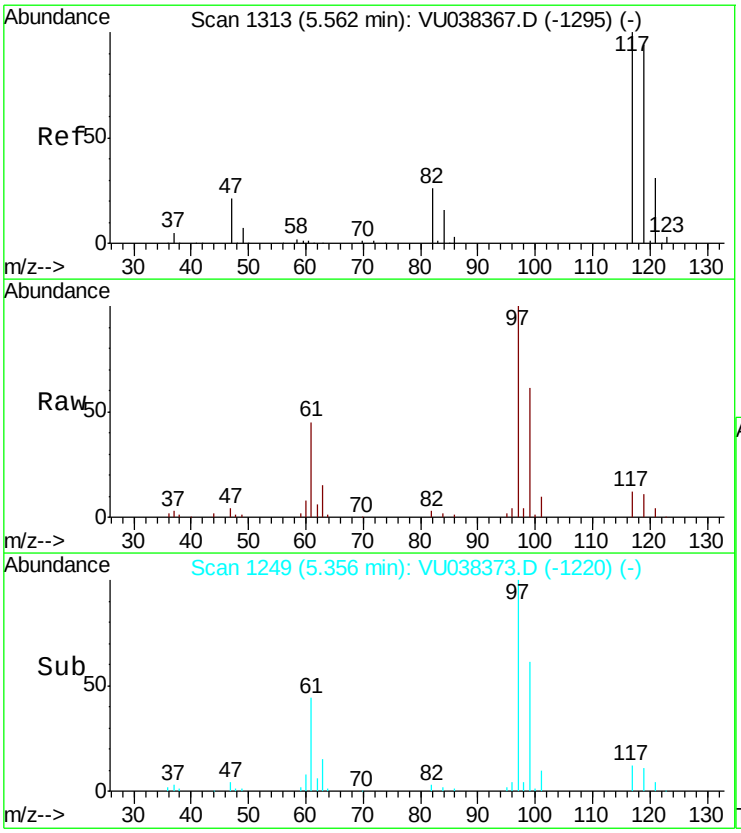
#30
1,1,1-Trichloroethane
Concen: 9.735 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 65205

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.2	76.8
61	45.7	35.9	53.9

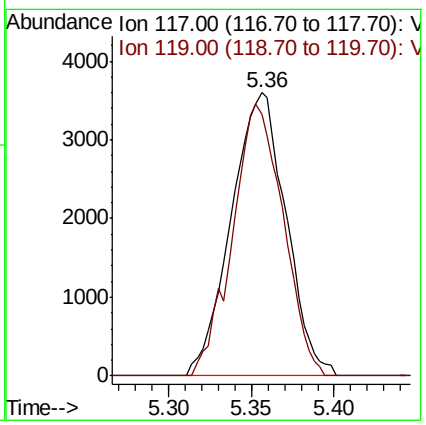


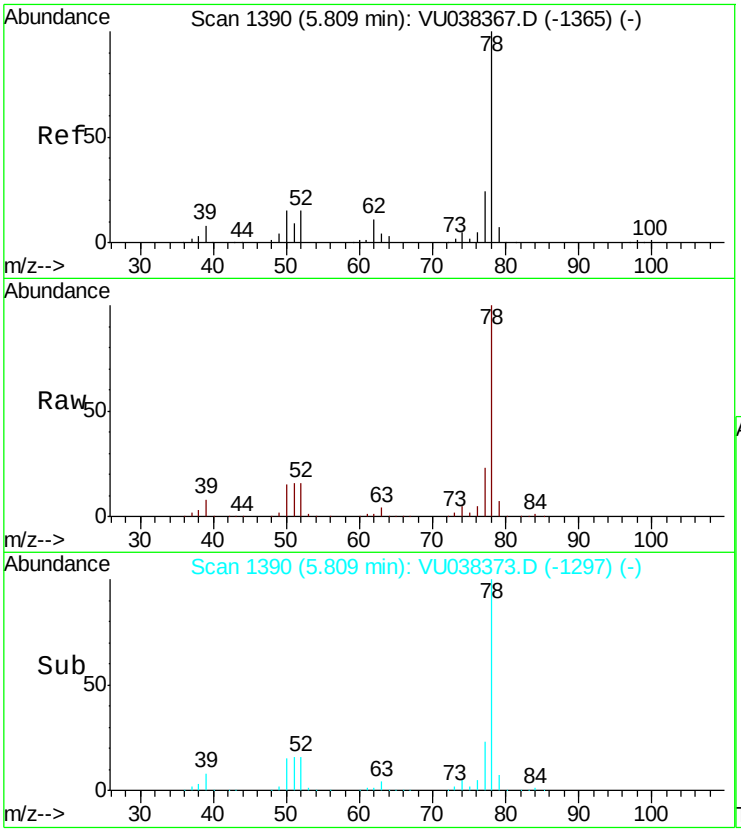


#31
Carbon tetrachloride
Concen: 1.476 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. -0.21 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion:117 Resp: 8240

Ion	Ratio	Lower	Upper
117	100		
119	80.4	76.6	114.8

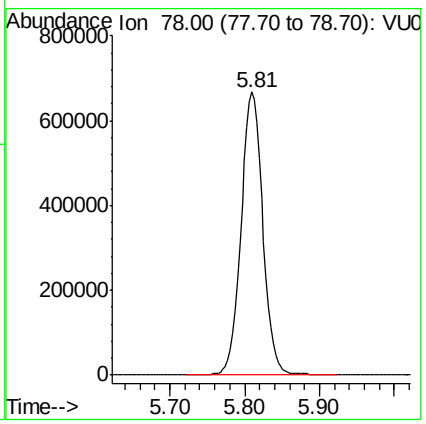


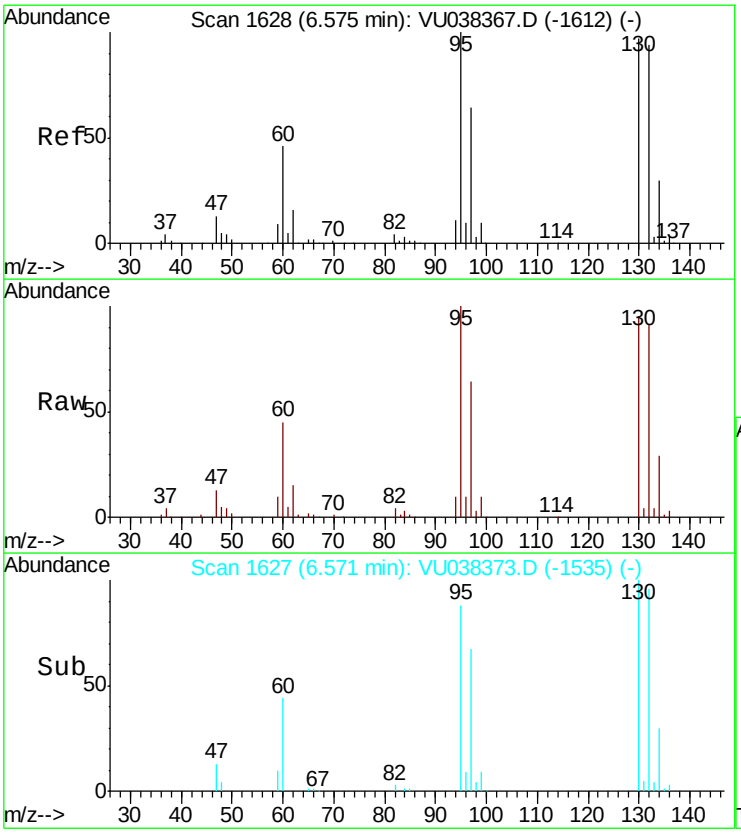


#33
Benzene
Concen: 77.803 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 1345973

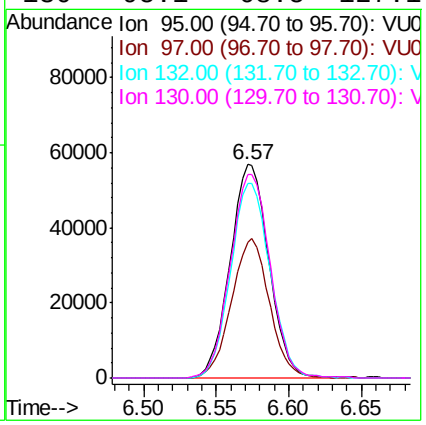


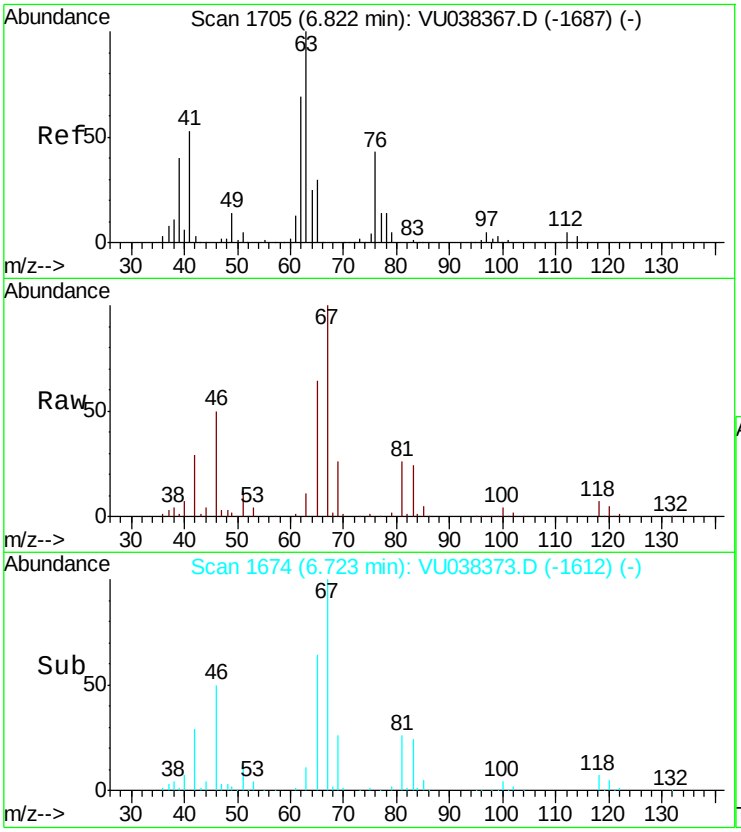


#34
Trichloroethene
Concen: 23.804 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion: 95 Resp: 105359

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.3	82.3
132	91.2	64.7	120.1
130	95.1	68.5	127.1



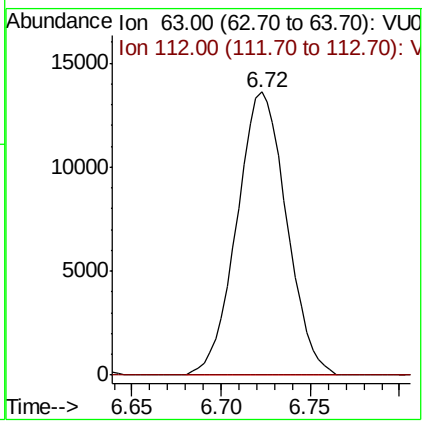


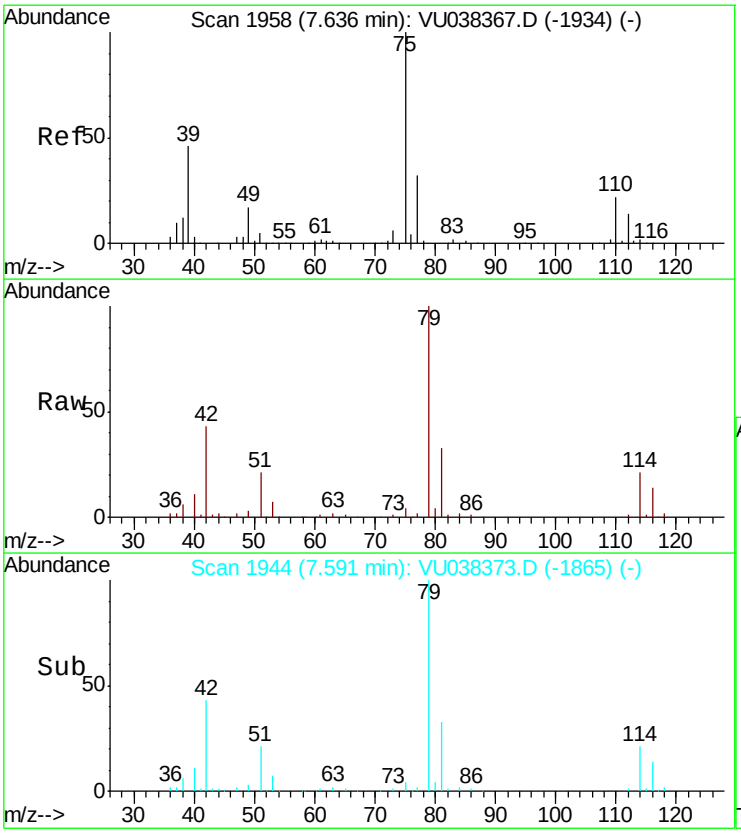
#37
1,2-Dichloropropane
Concen: 5.905 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 26493

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

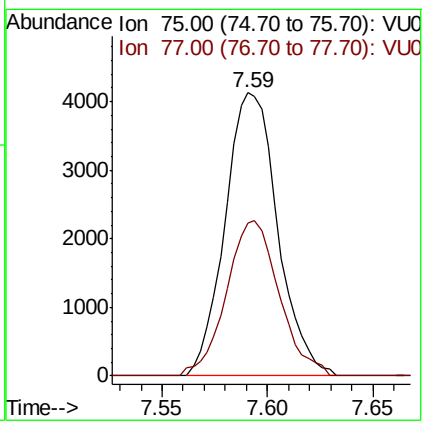


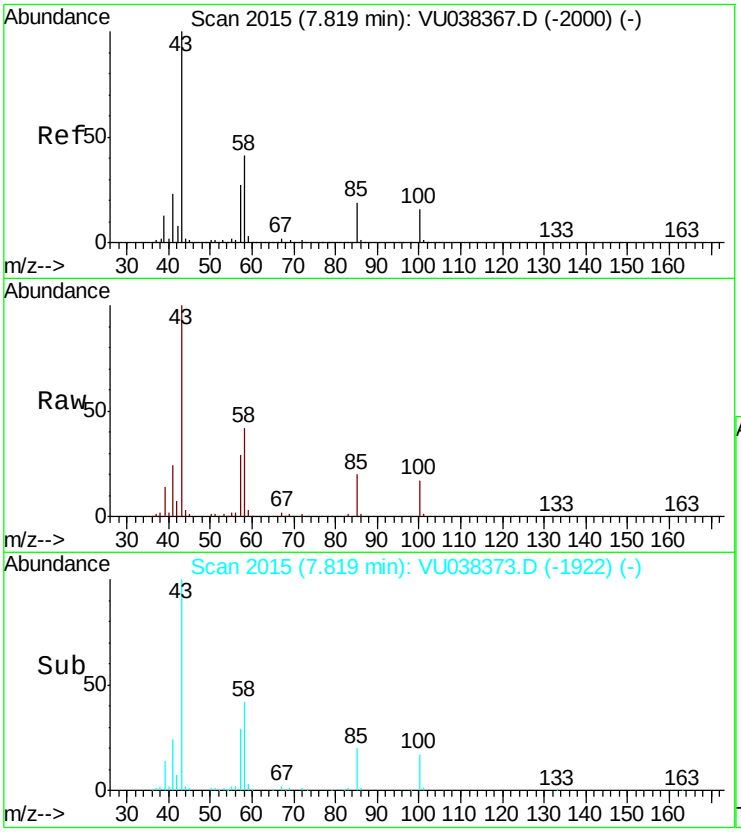


#39
cis-1,3-Dichloropropene
Concen: 1.001 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion: 75 Resp: 7149

Ion	Ratio	Lower	Upper
75	100		
77	54.0	21.6	40.0#



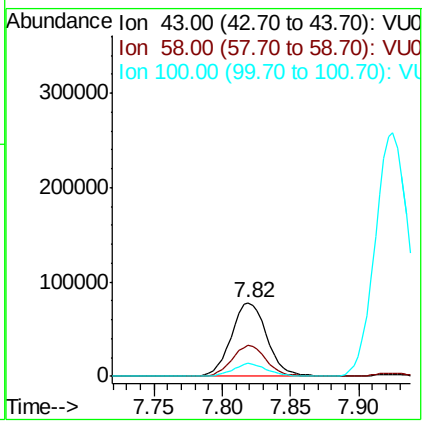


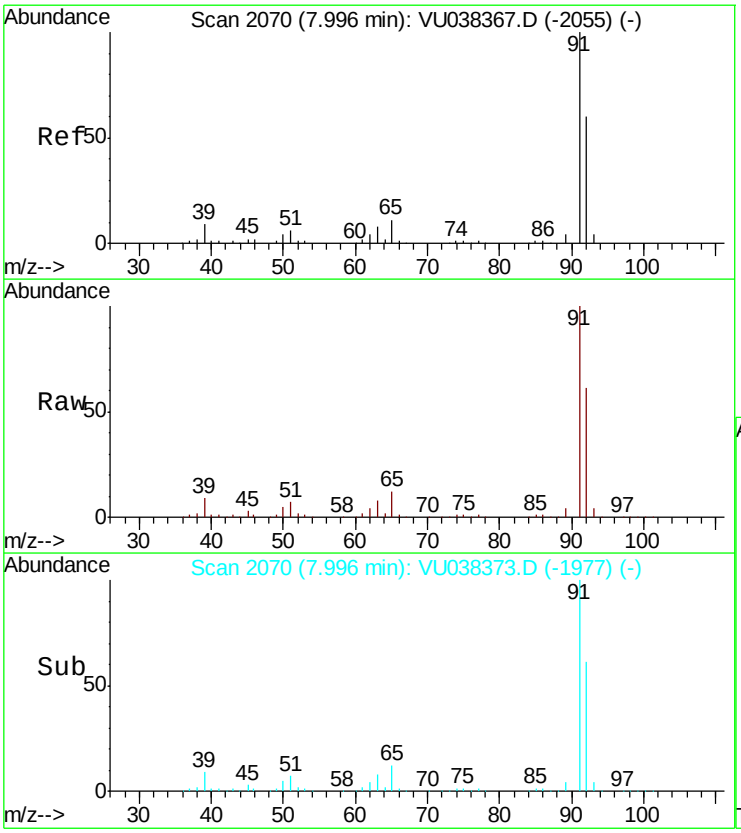
#40
4-Methyl-2-pentanone
Concen: 19.896 ug/L
RT: 7.82 min Scan# 2015
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 141964

Ion	Ratio	Lower	Upper
43	100		
58	40.5	32.6	48.8
100	16.4	12.9	19.3

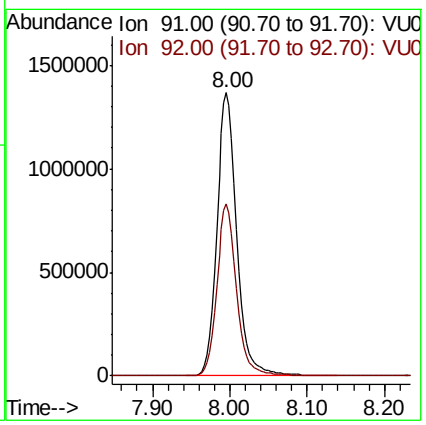


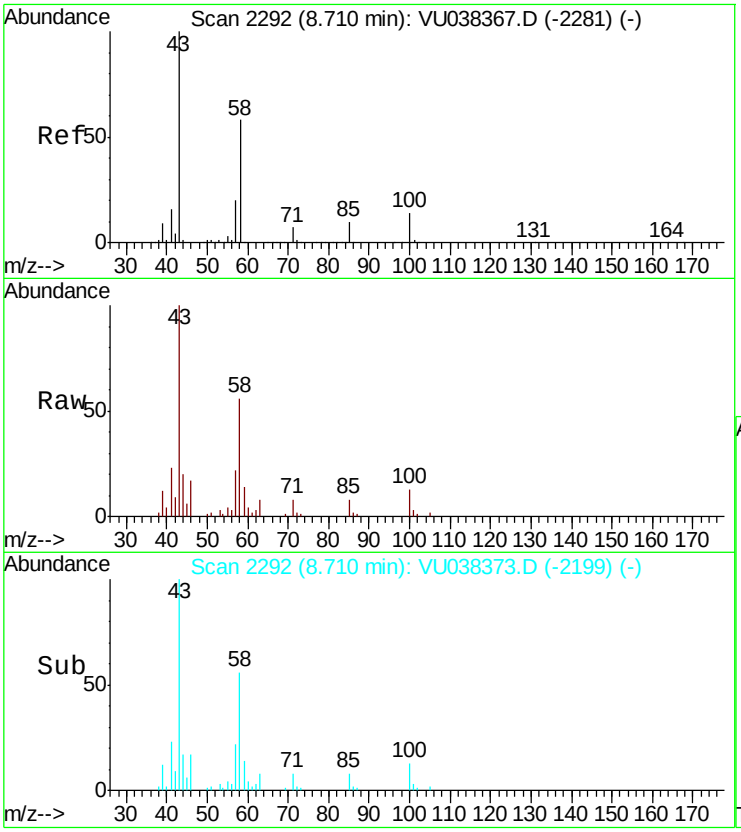


#42
Toluene
Concen: 135.054 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion: 91 Resp: 2452872

Ion	Ratio	Lower	Upper
91	100		
92	60.7	42.0	78.0



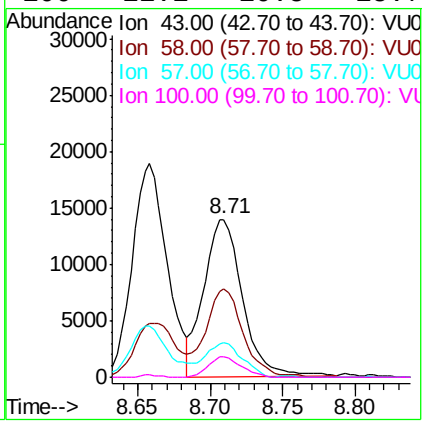


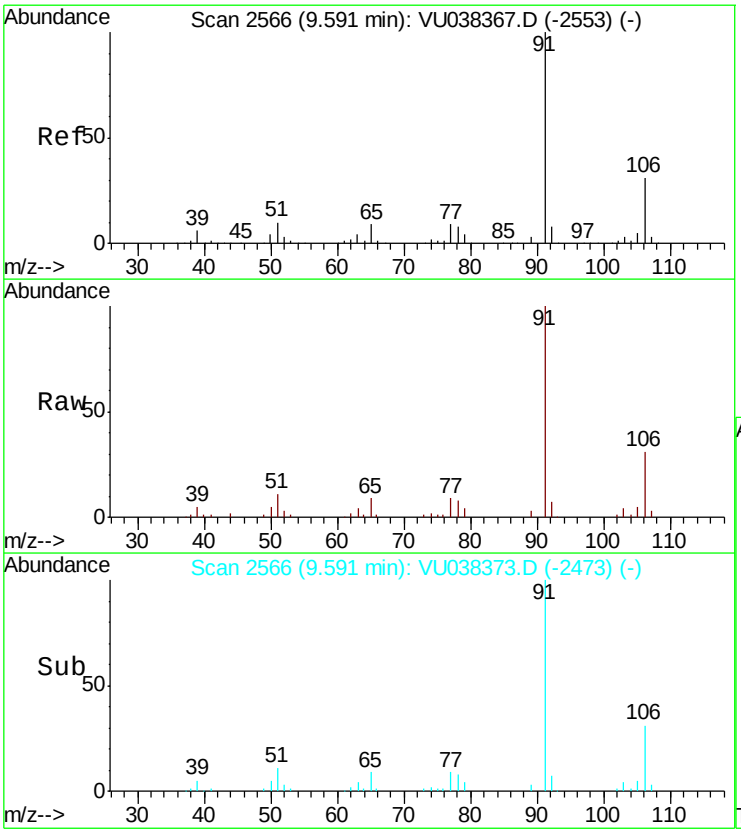
#48
2-Hexanone
Concen: 4.284 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 25808

Ion	Ratio	Lower	Upper
43	100		
58	50.1	45.5	68.3
57	20.1	16.3	24.5
100	11.1	10.5	15.7

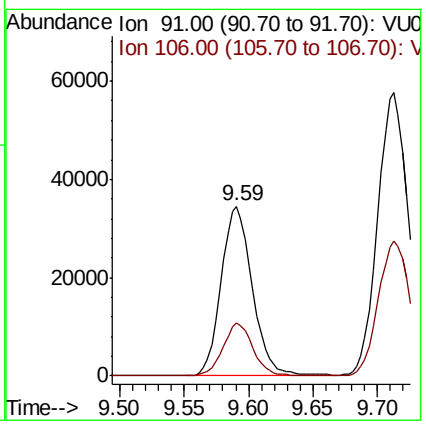


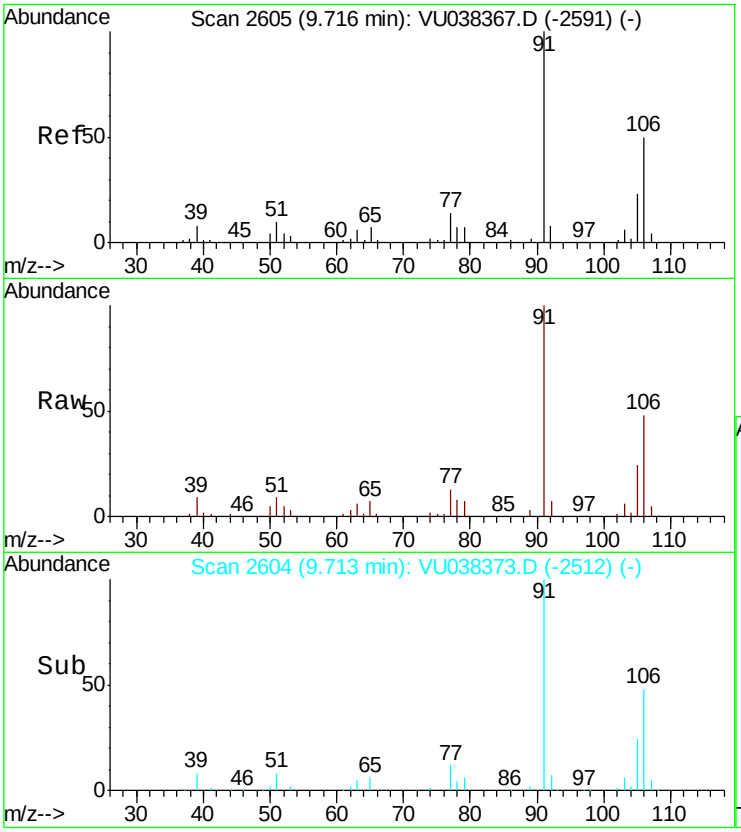


#52
Ethylbenzene
Concen: 2.857 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion: 91 Resp: 58145

Ion	Ratio	Lower	Upper
91	100		
106	30.9	21.2	39.4



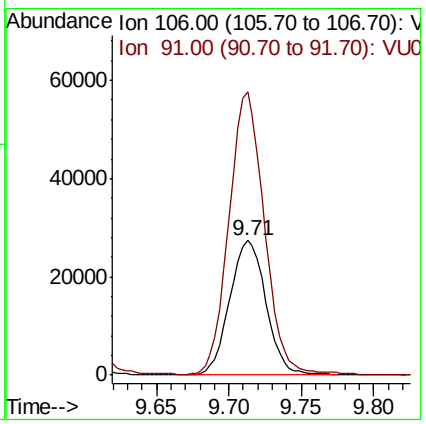


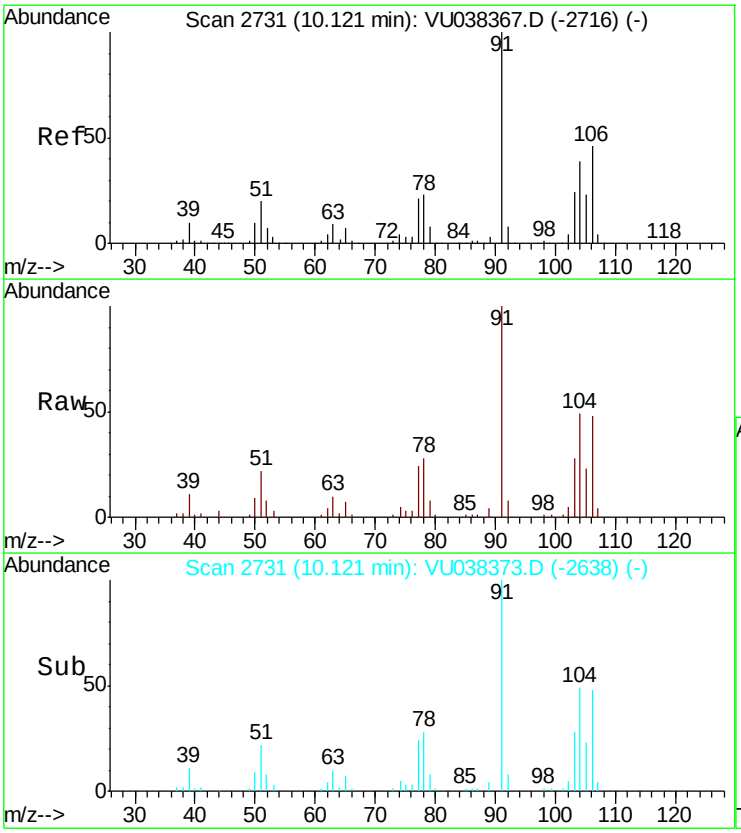
#53
m,p-Xylene
Concen: 6.155 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 47903

Ion	Ratio	Lower	Upper
106	100		
91	210.5	140.8	261.4

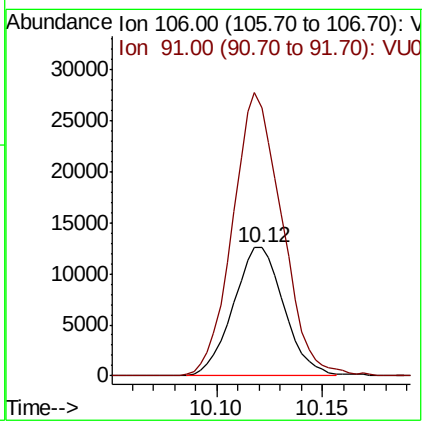


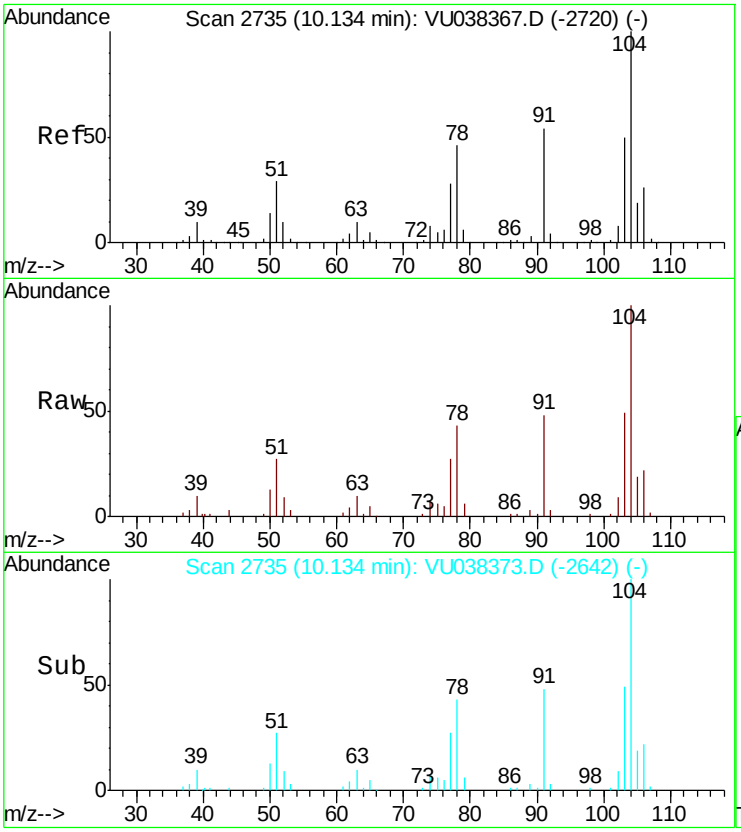


#54
o-xylene
Concen: 2.780 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion:106 Resp: 21037

Ion	Ratio	Lower	Upper
106	100		
91	209.5	151.3	280.9



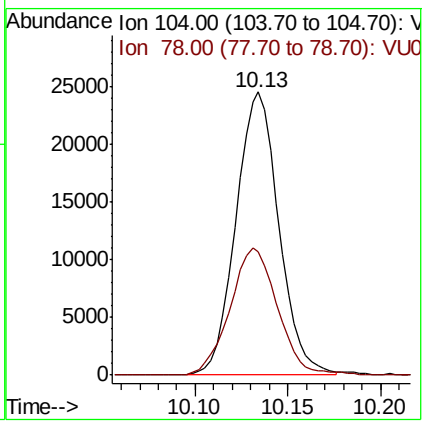


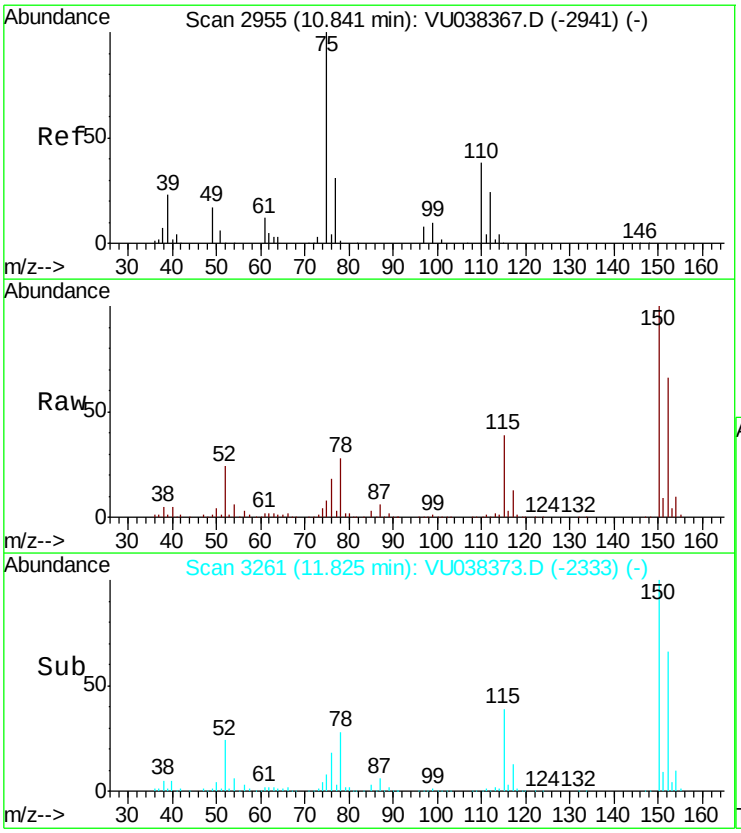
#55
Stvrene
Concen: 3.041 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 39548

Ion	Ratio	Lower	Upper
104	100		
78	43.4	32.1	59.7

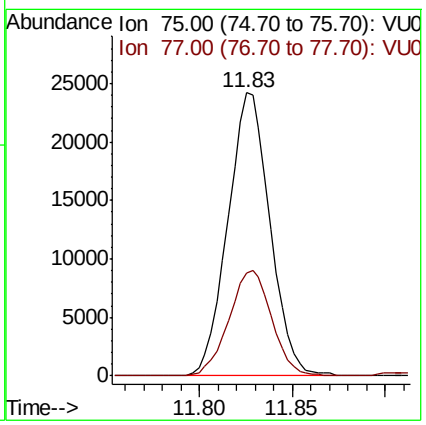


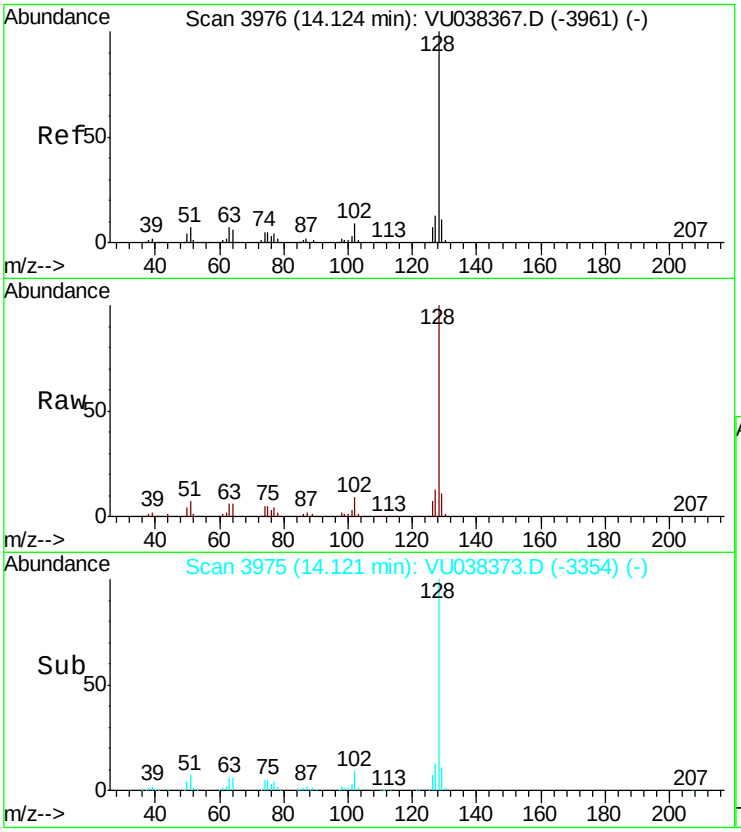


#59
1,2,3-Trichloropropane
Concen: 6.088 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Tgt Ion: 75 Resp: 38196

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.8	38.8





#69
Naphthalene
Concen: 13.071 ug/L
RT: 14.12 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VU038373.D
Acq: 29 May 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 282647

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	12.8