Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042920\
Data File : VU037920.D
Acq On : 29 Apr 2020 18:29
Operator : JC/MD
Sample : L2410-18MSD
Misc : 5.6mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 30 01:22:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 01:17:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	672847	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.44	117	656601	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	311764	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	192665	32.77	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.54%				
7) Chloroethane-d5	1.93	69	181917	39.93	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.86%				
11) 1,1-Dichloroethene-d2	2.59	63	374448	39.35	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.70%				
21) 2-Butanone-d5	4.66	46	423768	90.97	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.97%				
24) Chloroform-d	5.10	84	388997	43.44	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.88%				
26) 1,2-Dichloroethane-d4	5.74	65	273210	44.06	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.12%				
32) Benzene-d6	5.76	84	807844	43.51	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.02%				
36) 1,2-Dichloropropane-d6	6.72	67	279718	45.04	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.08%				
41) Toluene-d8	7.92	98	718949	42.13	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.26%				
43) trans-1,3-Dichloropropene-	8.20	79	130114	40.70	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.40%				
47) 2-Hexanone-d5	8.65	63	327151	96.77	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.77%				
57) 1,1,2,2-Tetrachloroethane-	10.77	84	404322	46.79	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.58%				
64) 1,2-Dichlorobenzene-d4	12.20	152	275874	45.48	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.96%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	2.60	96	190661	46.674	ug/L		87
13) Acetone	2.65	43	22228	7.998	ug/L		93
27) 1,2-Dichloroethane	5.83	62	24734	3.352	ug/L	#	94
29) Cyclohexane	5.42	56	33565	3.654	ug/L		95
33) Benzene	5.81	78	987689	49.560	ug/L		100
34) Trichloroethene	6.57	95	224199	45.863	ug/L		98
35) Methylcyclohexane	6.79	83	24635	2.878	ug/L		100
39) cis-1,3-Dichloropropene	7.59	75	7324	0.840	ug/L	#	68
42) Toluene	7.99	91	1006533	48.172	ug/L		100
46) Tetrachloroethene	8.57	164	482784	135.119	ug/L		98
48) 2-Hexanone	8.65	43	37778	5.047	ug/L	#	71
51) Chlorobenzene	9.47	112	617420	47.506	ug/L		100
53) m,p-Xylene	9.72	106	27562	3.129	ug/L		96
54) o-xylene	10.12	106	38354	4.451	ug/L		99
59) 1,2,3-Trichloropropane	11.83	75	43017	5.883	ug/L		92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
Data File : VU037920.D
Acq On : 29 Apr 2020 18:29
Operator : JC/MD
Sample : L2410-18MSD
Misc : 5.6mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 30 01:22:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 01:17:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

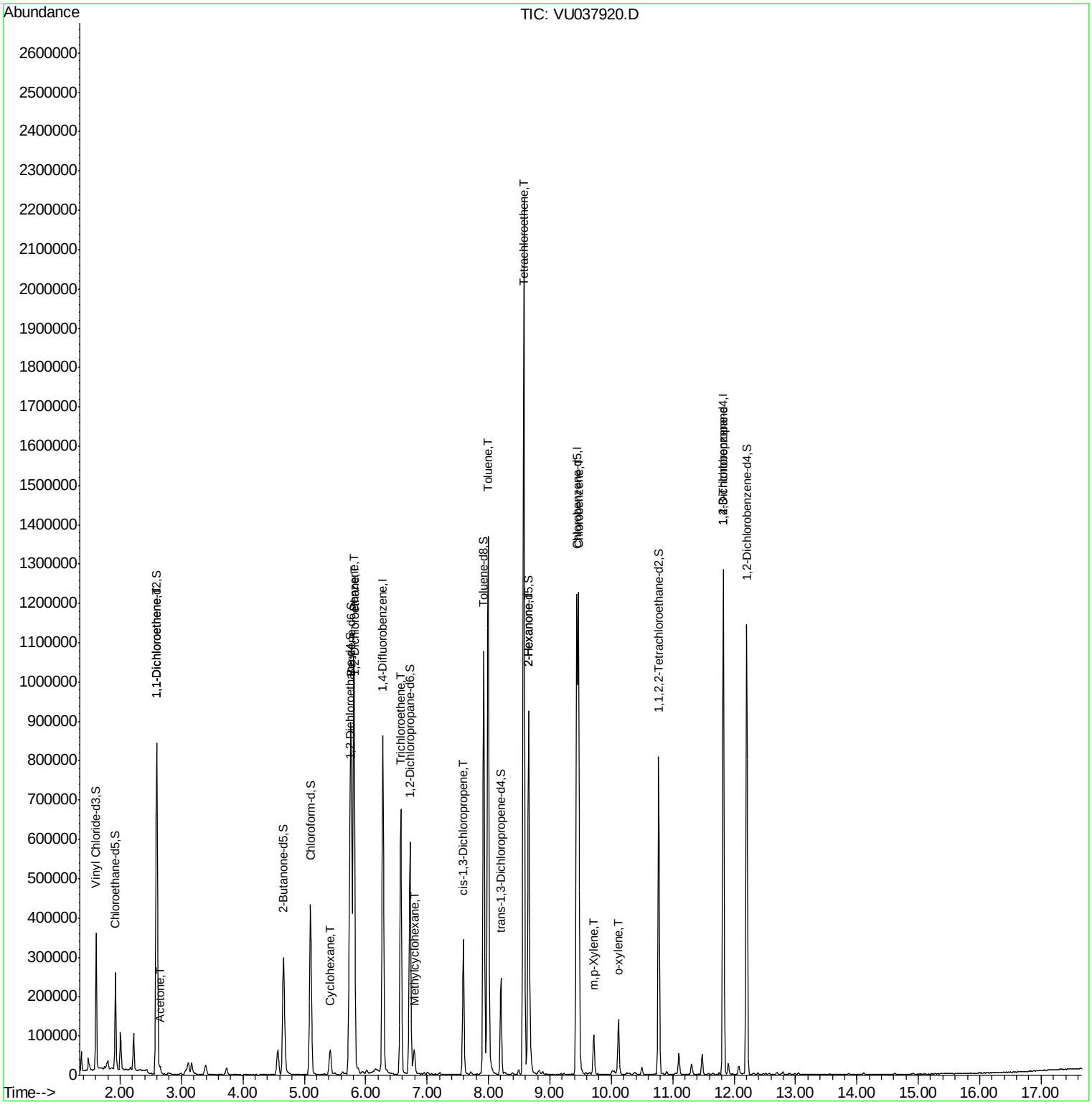
(#) = qualifier out of range (m) = manual integration (+) = signals summed

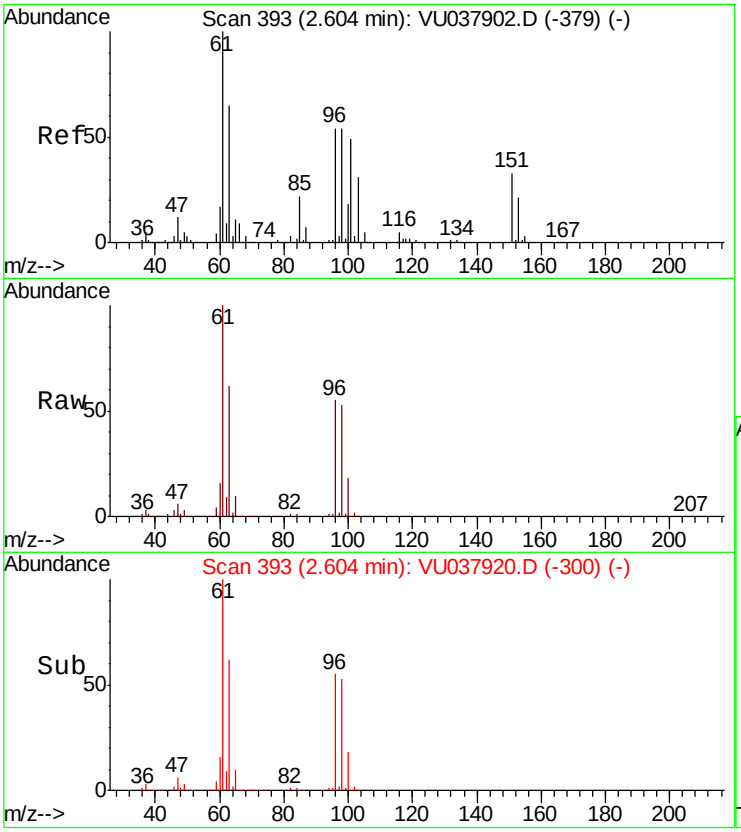
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042920\
Data File : VU037920.D
Acq On : 29 Apr 2020 18:29
Operator : JC/MD
Sample : L2410-18MSD
Misc : 5.6mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 30 01:22:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 01:17:58 2020
Response via : Initial Calibration



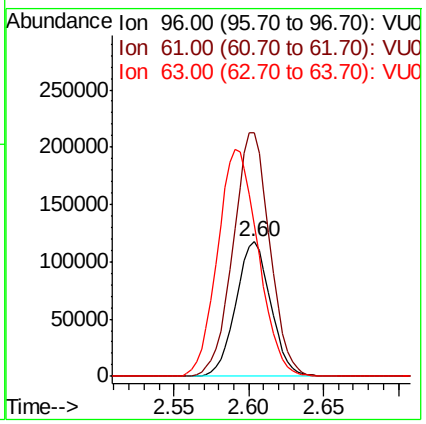


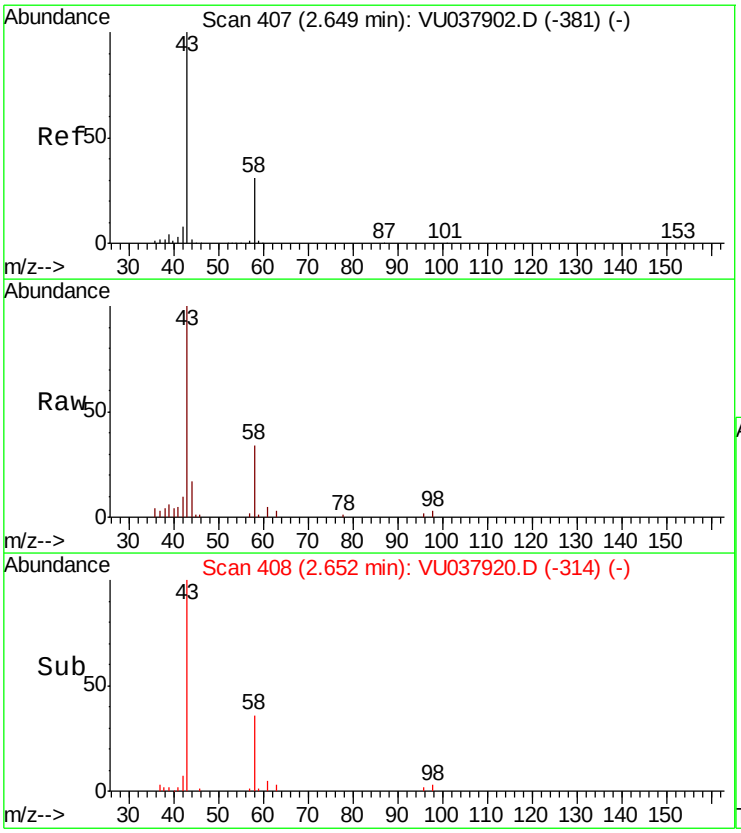
#12
1,1-Dichloroethene
Concen: 46.674 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 190661

Ion	Ratio	Lower	Upper
96	100		
61	181.1	134.1	249.0
63	113.1	96.5	179.1

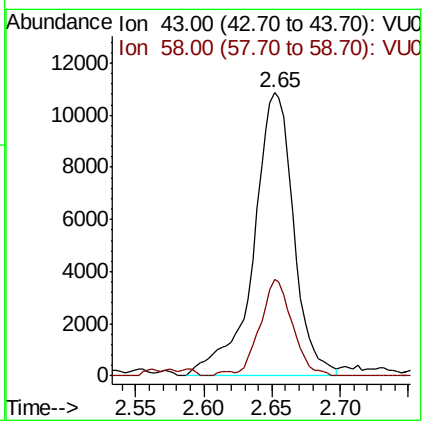


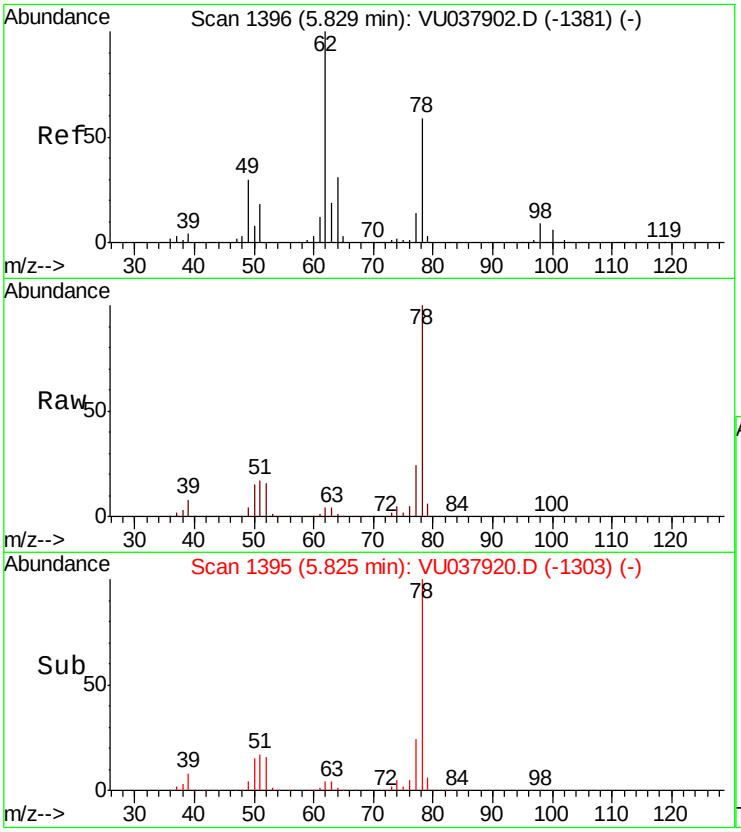


#13
Acetone
Concen: 7.998 ug/L
RT: 2.65 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Tgt Ion: 43 Resp: 22228

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	62.0



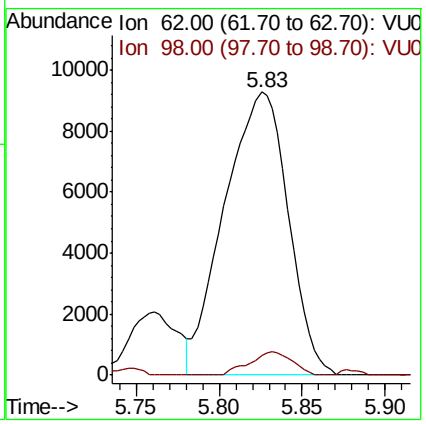


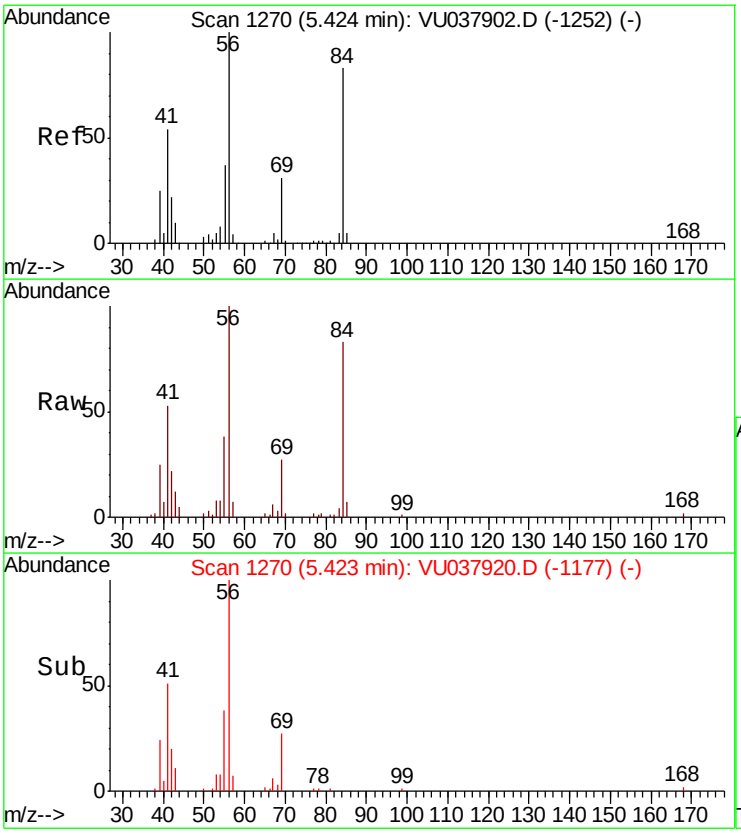
#27
1,2-Dichloroethane
Concen: 3.352 ug/L
RT: 5.83 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 24734

Ion	Ratio	Lower	Upper
62	100		
98	6.9	7.3	10.9#

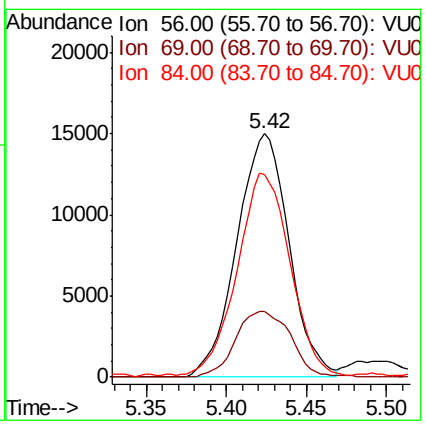


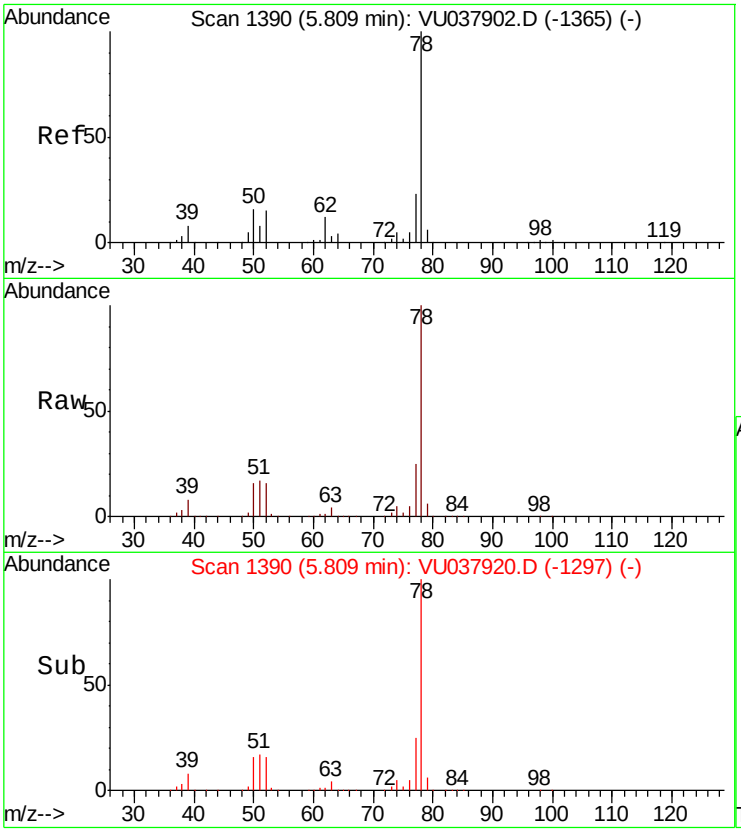


#29
Cyclohexane
Concen: 3.654 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Tgt Ion: 56 Resp: 33565

Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.9	34.3
84	84.8	63.6	95.4

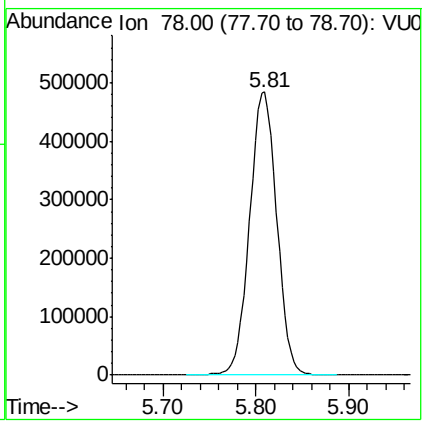


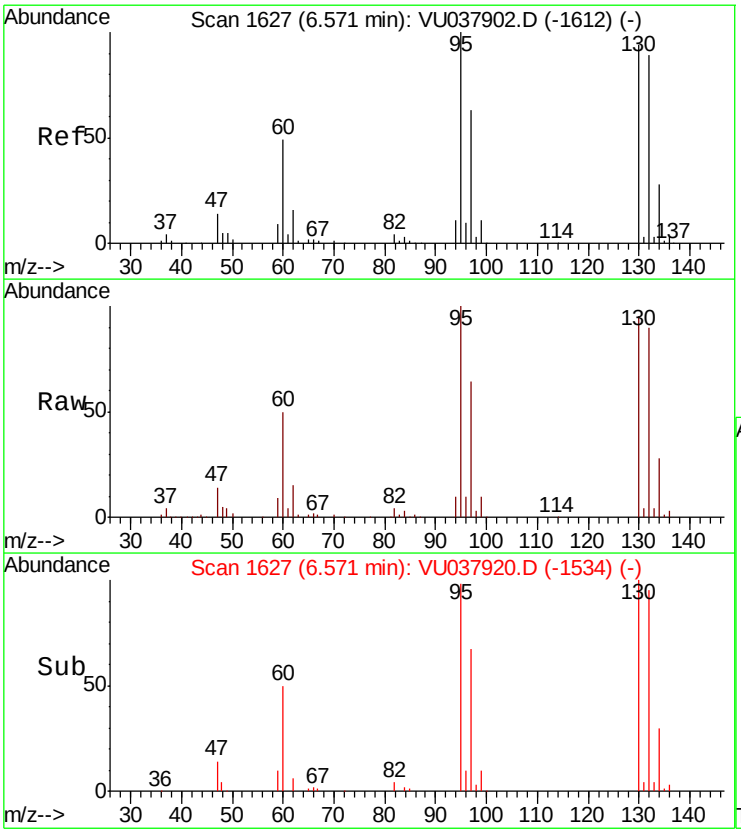


#33
Benzene
Concen: 49.560 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 987689

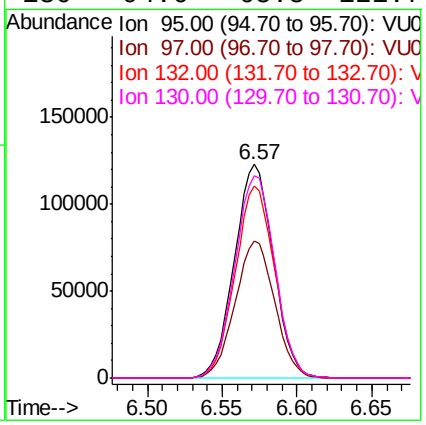


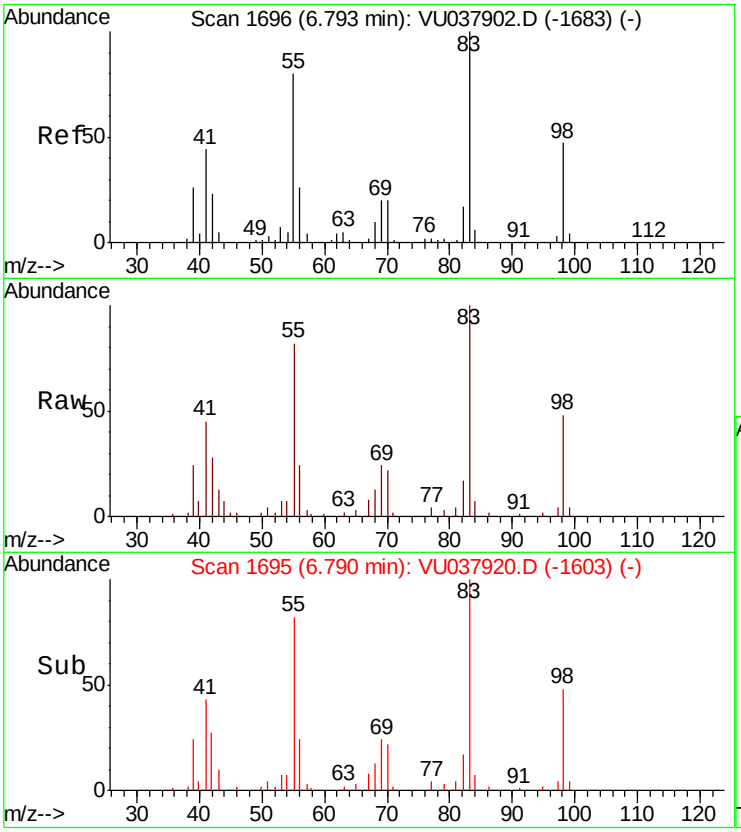


#34
Trichloroethene
Concen: 45.863 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Tgt Ion: 95 Resp: 224199

Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.4	82.5
132	89.9	65.0	120.6
130	94.6	65.5	121.7



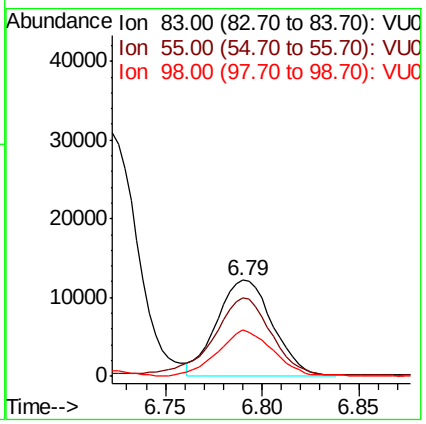


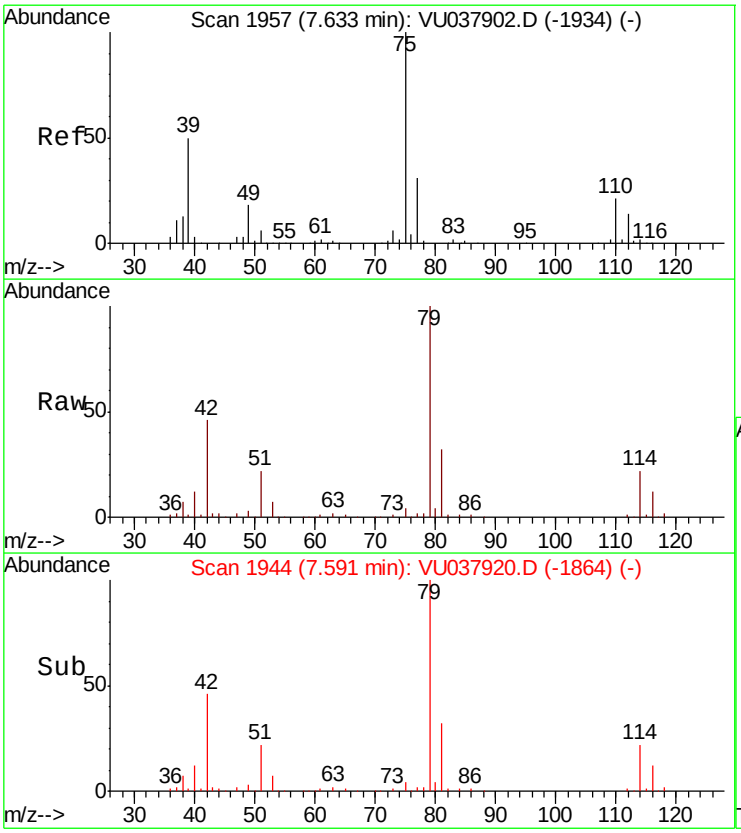
#35
Methylcyclohexane
Concen: 2.878 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 24635

Ion	Ratio	Lower	Upper
83	100		
55	83.1	66.3	99.5
98	47.3	37.4	56.0

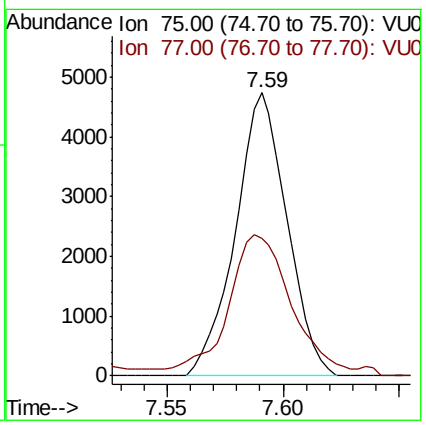


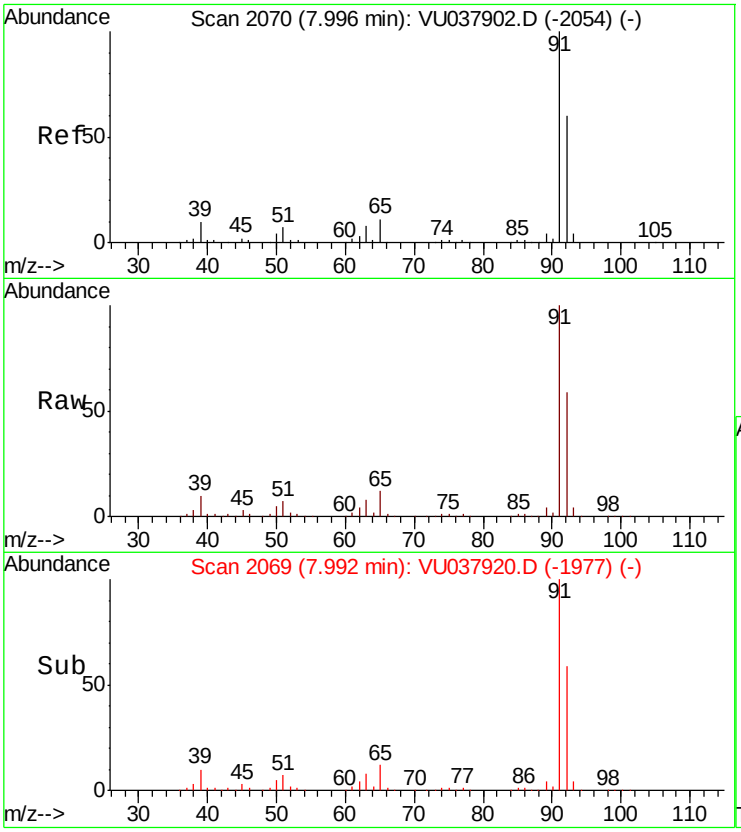


#39
cis-1,3-Dichloropropene
Concen: 0.840 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Tgt Ion: 75 Resp: 7324

Ion	Ratio	Lower	Upper
75	100		
77	48.8	21.7	40.3#



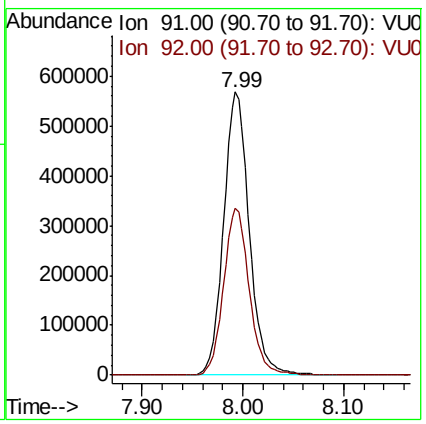


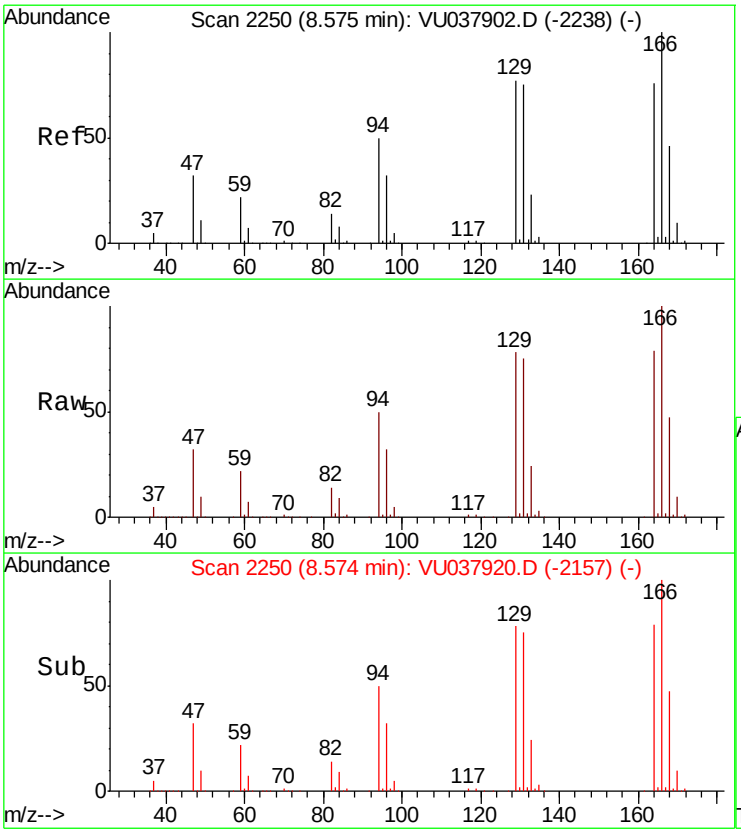
#42
Toluene
Concen: 48.172 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 1006533

Ion	Ratio	Lower	Upper
91	100		
92	59.1	41.2	76.6

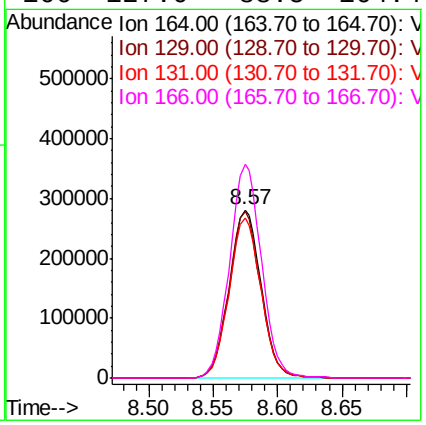


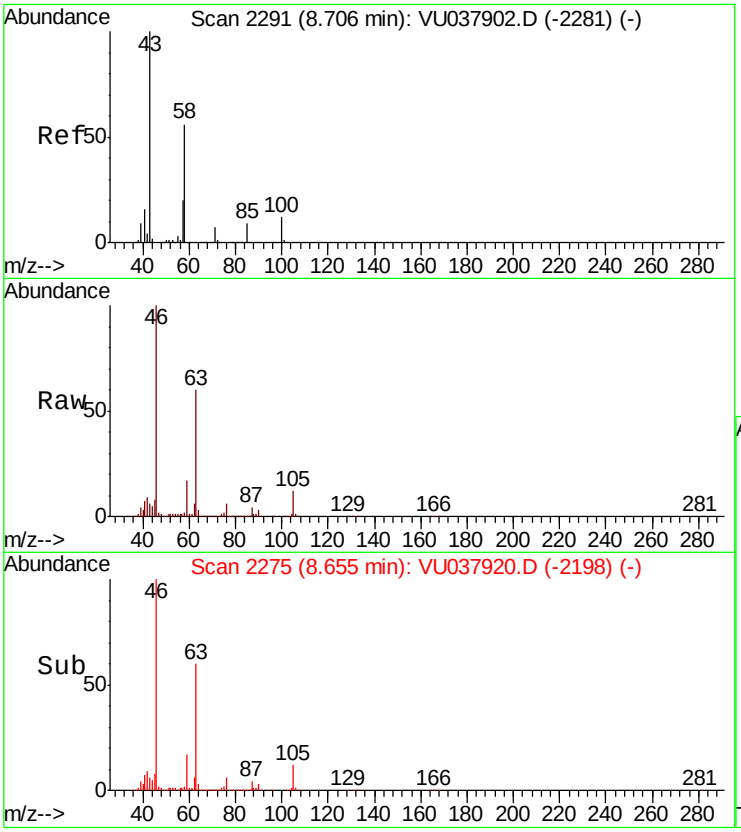


#46
Tetrachloroethene
Concen: 135.119 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Tgt Ion:164 Resp: 482784

Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.3	125.1
131	94.8	64.8	120.4
166	127.0	88.5	164.4



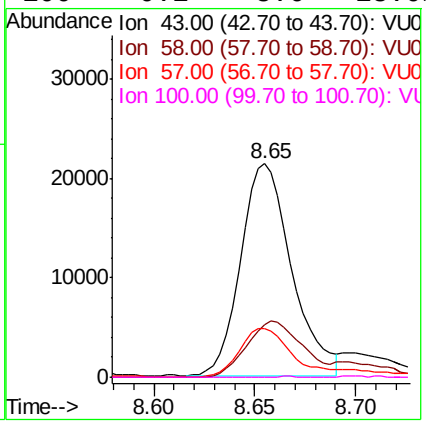


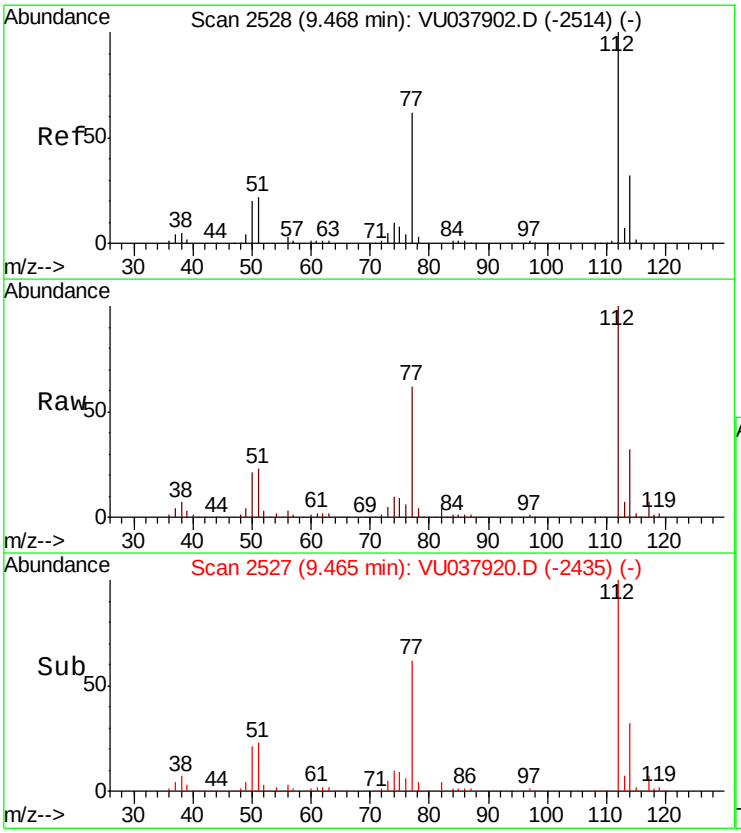
#48
2-Hexanone
Concen: 5.047 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 37778

Ion	Ratio	Lower	Upper
43	100		
58	28.8	42.6	63.8#
57	23.9	14.6	22.0#
100	0.1	8.6	13.0#

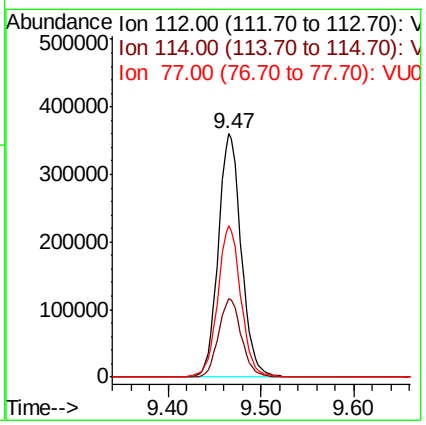


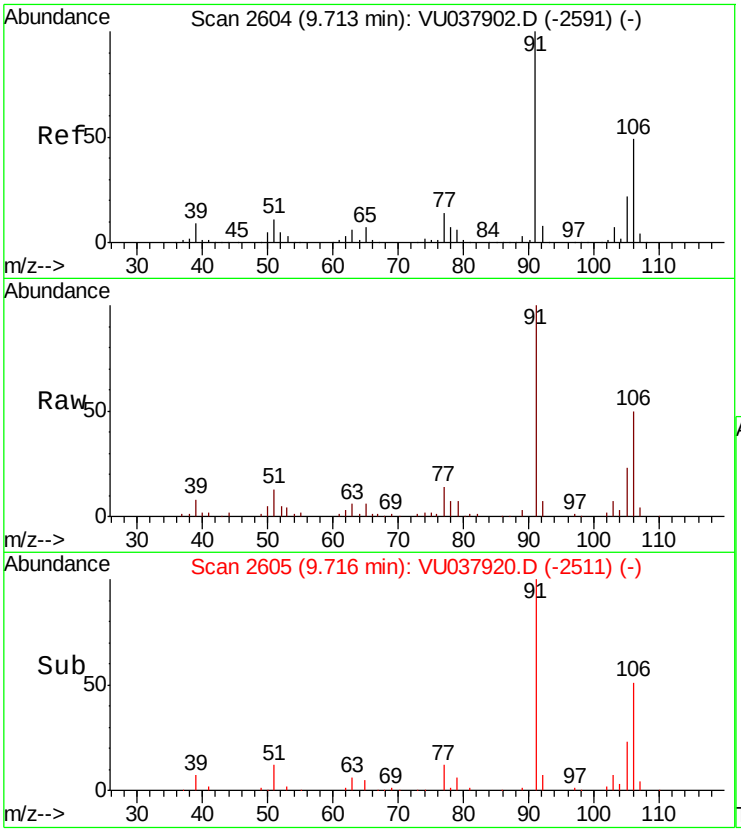


#51
Chlorobenzene
Concen: 47.506 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Tgt Ion:112 Resp: 617420

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.3	41.3
77	62.0	49.8	74.6



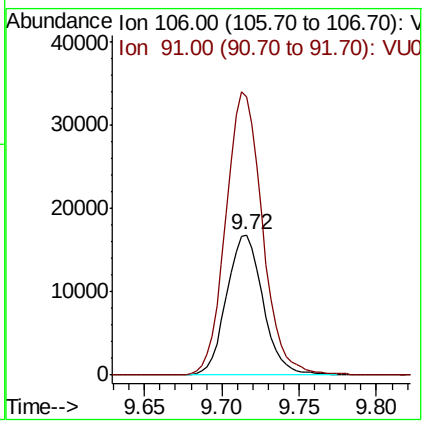


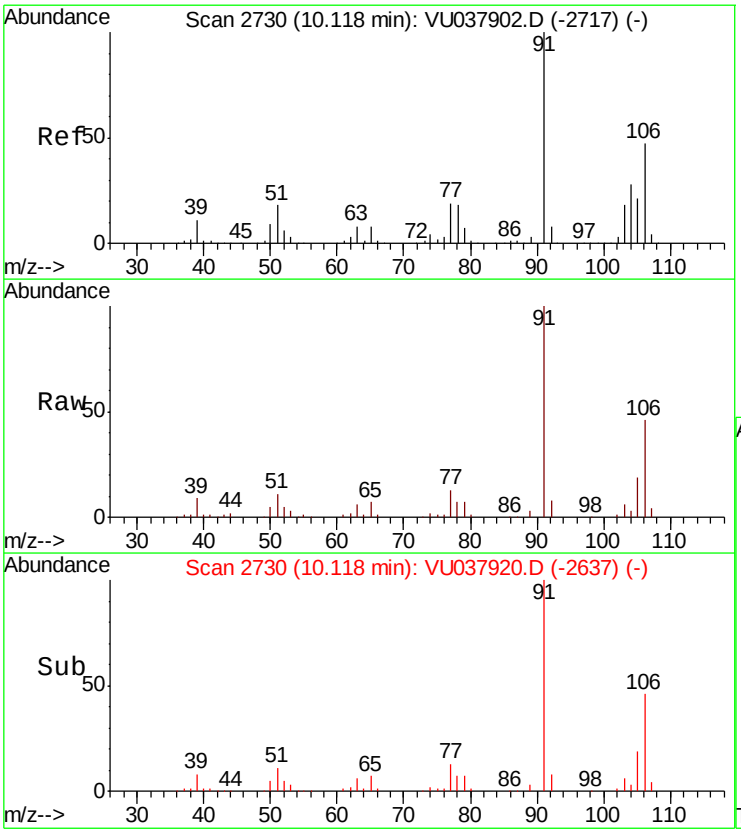
#53
m,p-Xylene
Concen: 3.129 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 27562

Ion	Ratio	Lower	Upper
106	100		
91	198.1	142.8	265.2

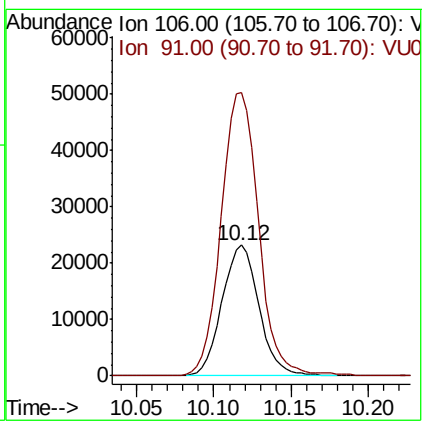


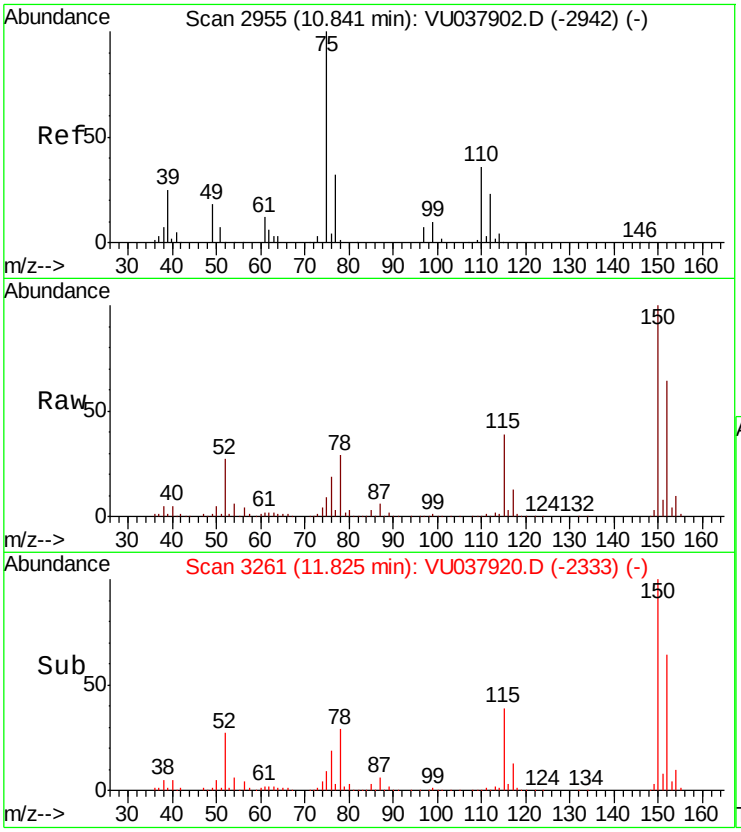


#54
o-xylene
Concen: 4.451 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Tgt Ion:106 Resp: 38354

Ion	Ratio	Lower	Upper
106	100		
91	216.7	150.6	279.6





#59
1,2,3-Trichloropropane
Concen: 5.883 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037920.D
Acq: 29 Apr 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 43017

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.8	38.6