Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042920\
Data File : VU037918.D
Acq On : 29 Apr 2020 17:44
Operator : JC/MD
Sample : L2410-16
Misc : 5.6mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 30 01:21:56 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	694155	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	670281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	314200	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	200095	32.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.98%			
7) Chloroethane-d5	1.93	69	187310	39.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.70%			
11) 1,1-Dichloroethene-d2	2.59	63	274591	27.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.94%#			
21) 2-Butanone-d5	4.66	46	431469	89.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.78%			
24) Chloroform-d	5.10	84	403338	43.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.32%			
26) 1,2-Dichloroethane-d4	5.74	65	277691	43.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.82%			
32) Benzene-d6	5.76	84	828878	43.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.46%			
36) 1,2-Dichloropropane-d6	6.72	67	284605	44.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.78%			
41) Toluene-d8	7.92	98	743330	42.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.34%			
43) trans-1,3-Dichloropropene-	8.20	79	134321	41.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.32%			
47) 2-Hexanone-d5	8.65	63	327180	94.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.80%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	412812	46.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	282960	46.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.56%			
Target Compounds						Qvalue
13) Acetone	2.65	43	22513	7.852	ug/L	95
27) 1,2-Dichloroethane	5.83	62	16467	2.163	ug/L	96
29) Cyclohexane	5.43	56	32237	3.438	ug/L	94
33) Benzene	5.81	78	42199	2.074	ug/L	100
34) Trichloroethene	6.57	95	6849	1.372	ug/L	93
35) Methylcyclohexane	6.79	83	24446	2.798	ug/L	94
46) Tetrachloroethene	8.57	164	481891	132.116	ug/L	97
48) 2-Hexanone	8.65	43	37410	4.896	ug/L #	77
53) m,p-Xylene	9.72	106	26334	2.928	ug/L	94
54) o-xylene	10.11	106	39267	4.464	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	44008	5.896	ug/L	91

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

Quantitation Report (Not Reviewed)

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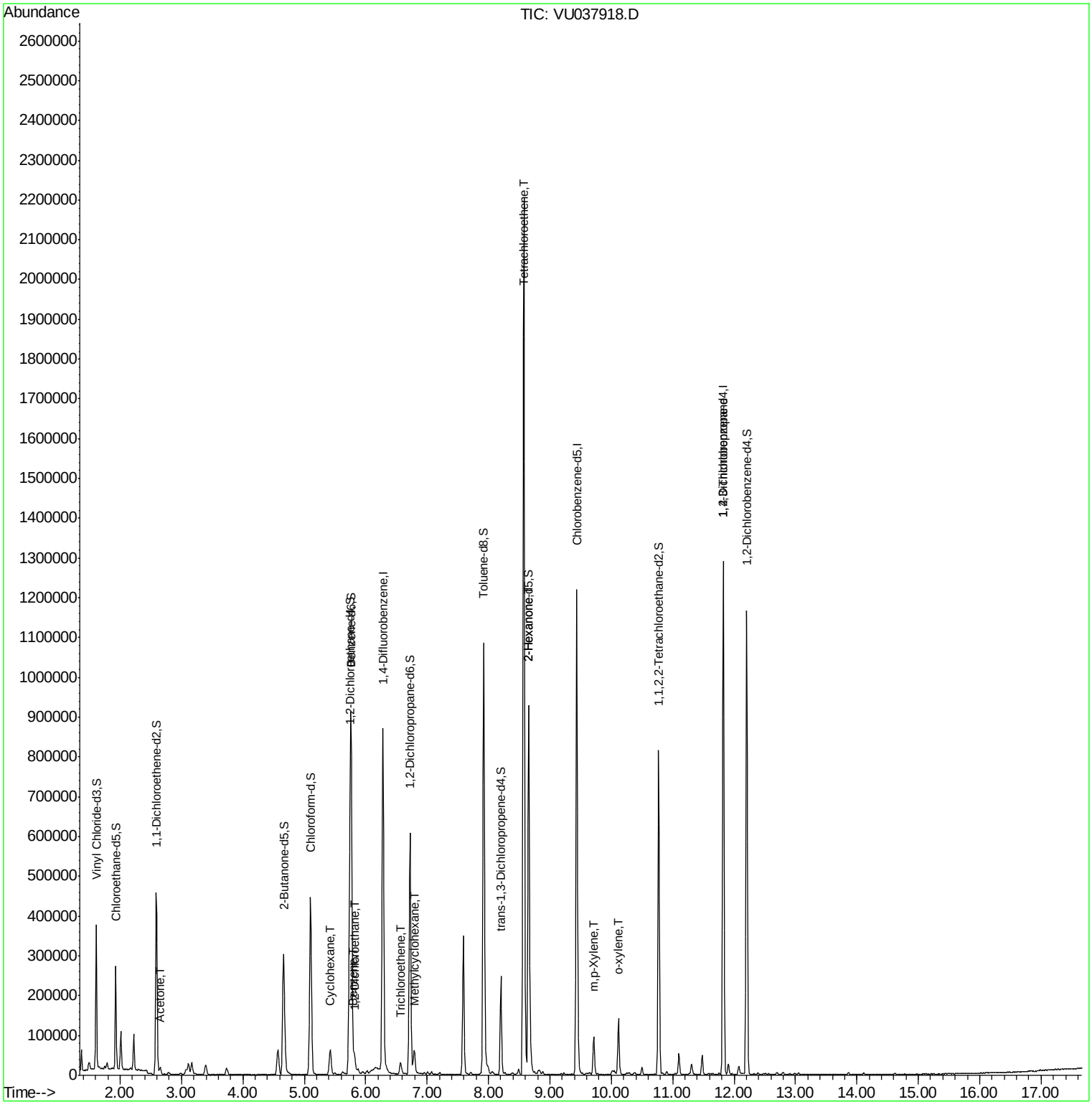
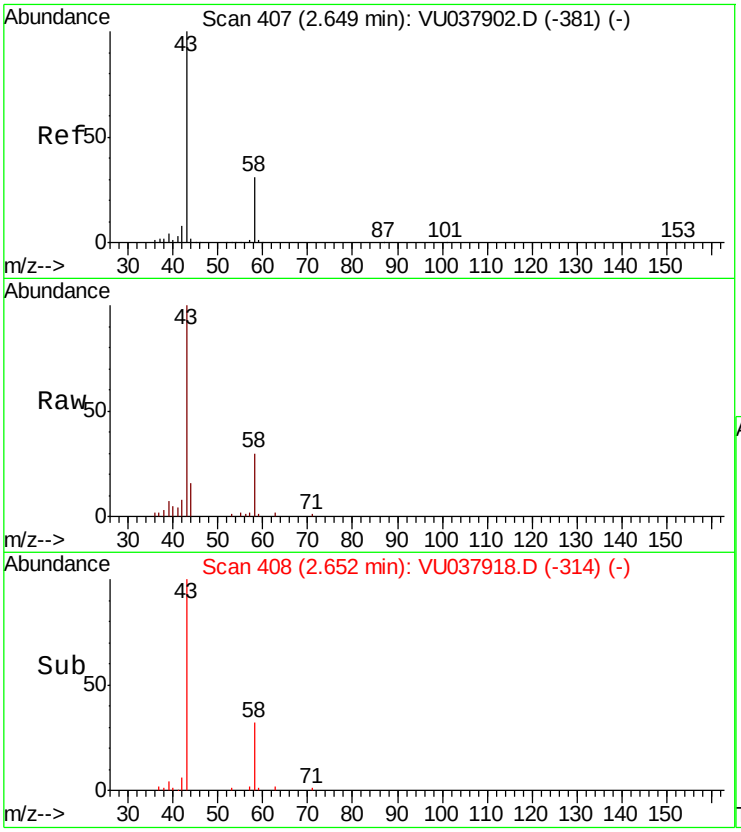
Acq On : 29 Apr 2020 17:44
Operator : JC/MD
Sample : L2410-16
Misc : 5.6mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 30 01:21:56 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



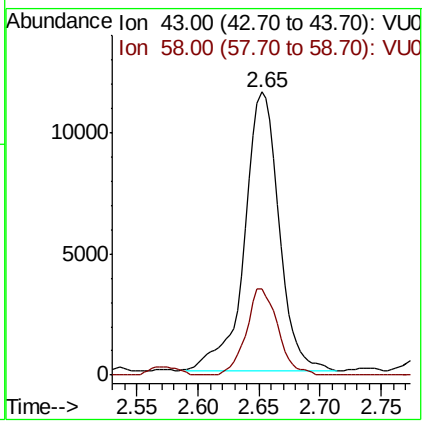


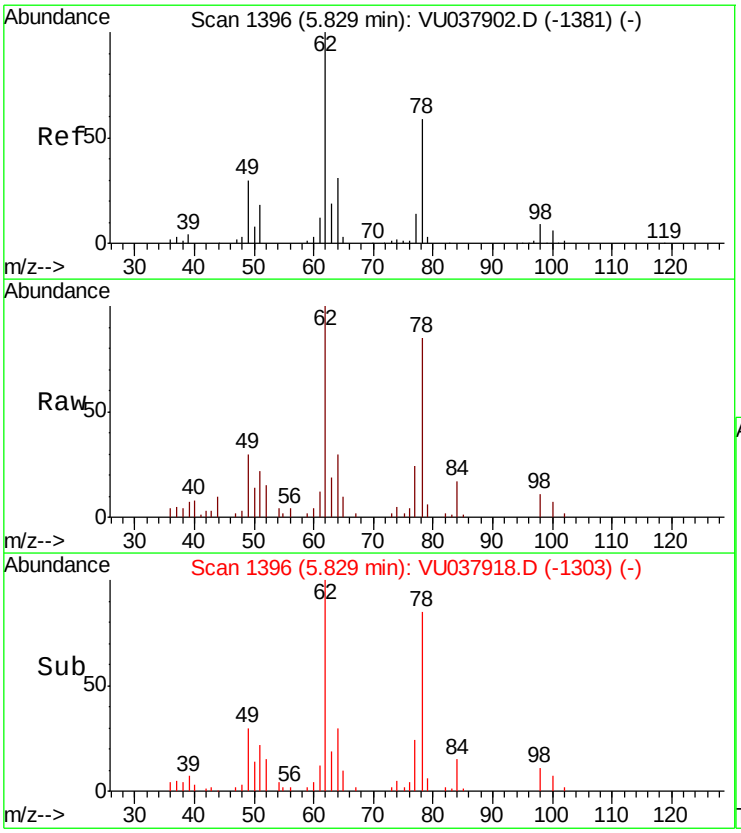
#13
Acetone
Concen: 7.852 ug/L
RT: 2.65 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 22513

Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	62.0

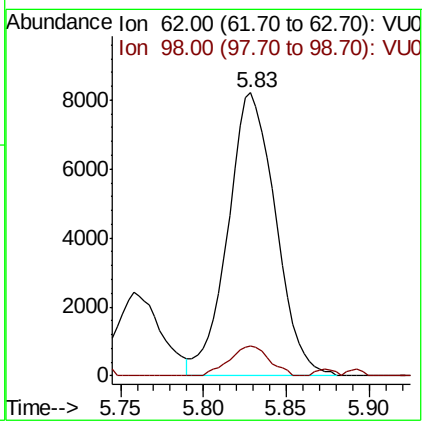


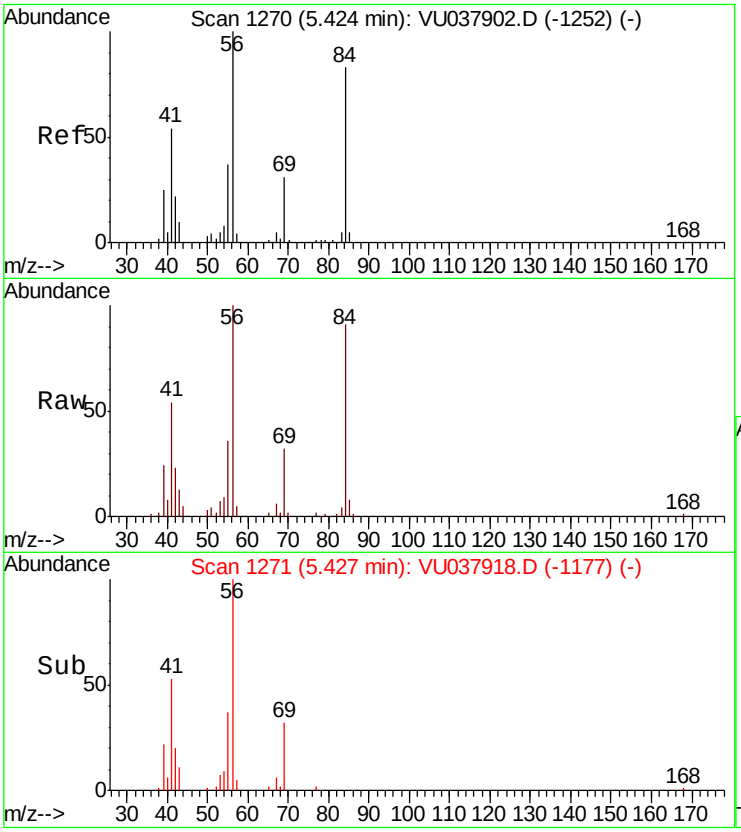


#27
1,2-Dichloroethane
Concen: 2.163 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Tgt Ion: 62 Resp: 16467

Ion	Ratio	Lower	Upper
62	100		
98	10.6	7.3	10.9

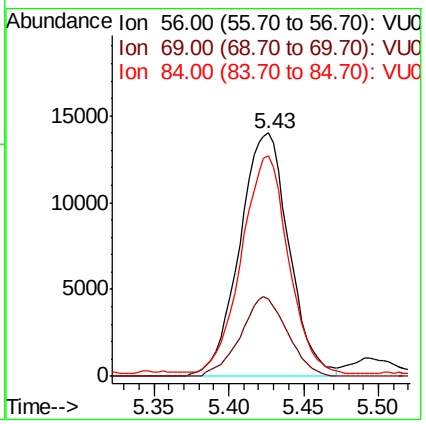




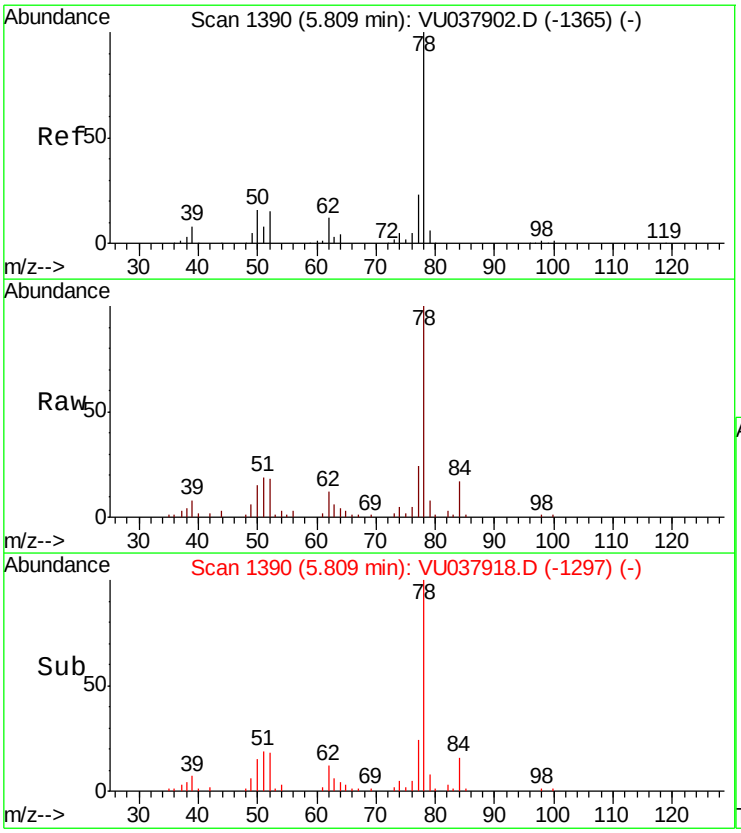
#29
Cyclohexane
Concen: 3.438 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Tgt Ion: 56 Resp: 32237

Ion	Ratio	Lower	Upper
56	100		
69	30.8	22.9	34.3
84	84.9	63.6	95.4

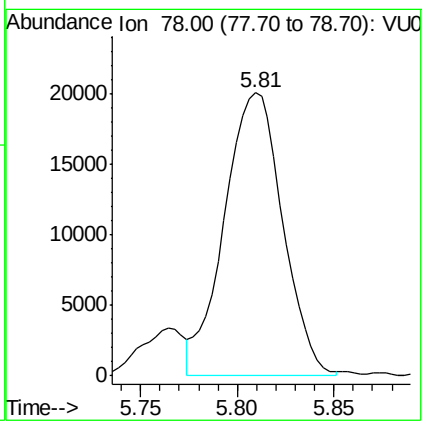


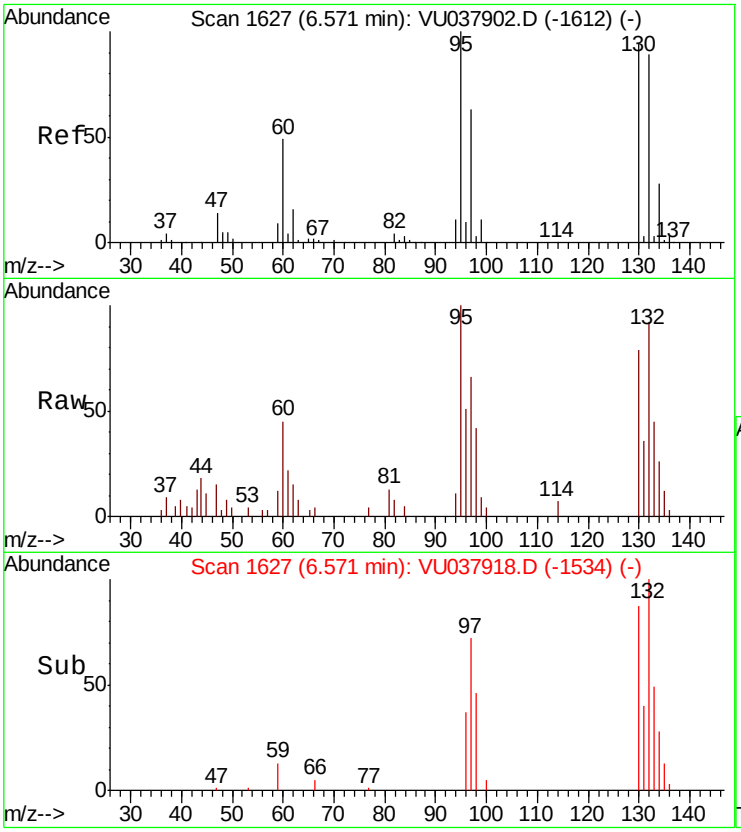
Instrument :
MSVOA_U
ClientSampleId :



#33
Benzene
Concen: 2.074 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Tgt Ion: 78 Resp: 42199



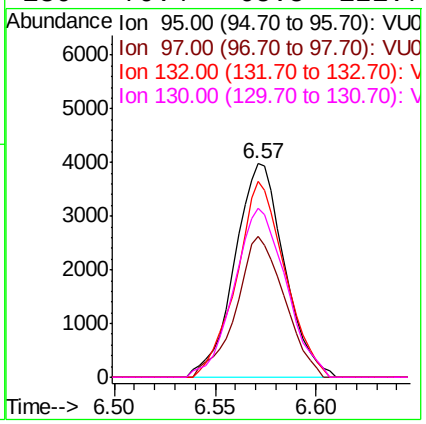


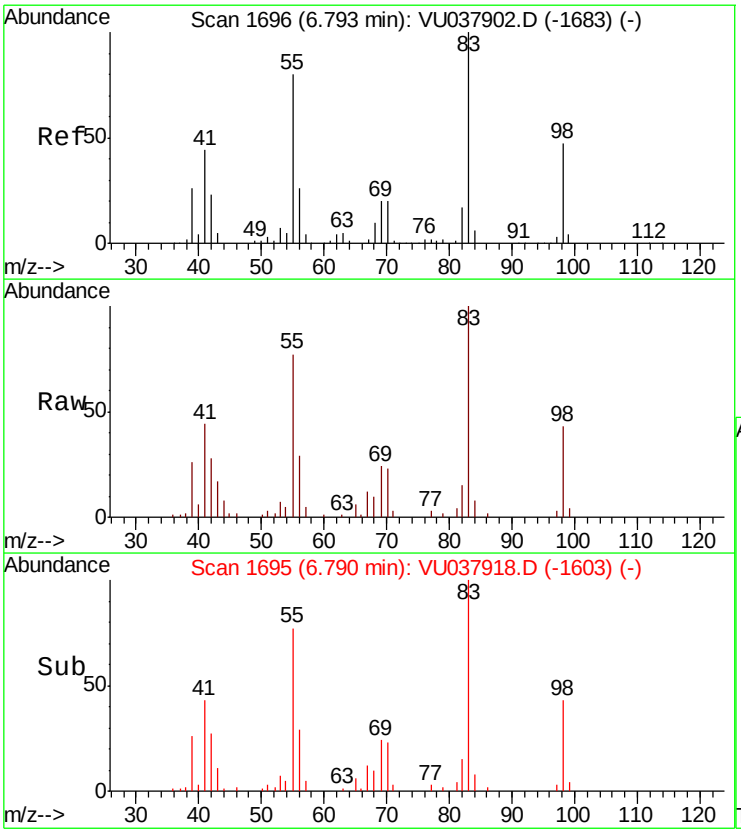
#34
Trichloroethene
Concen: 1.372 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 6849

Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.4	82.5
132	91.6	65.0	120.6
130	79.4	65.5	121.7

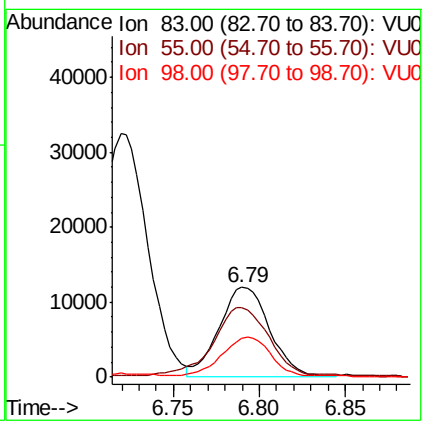


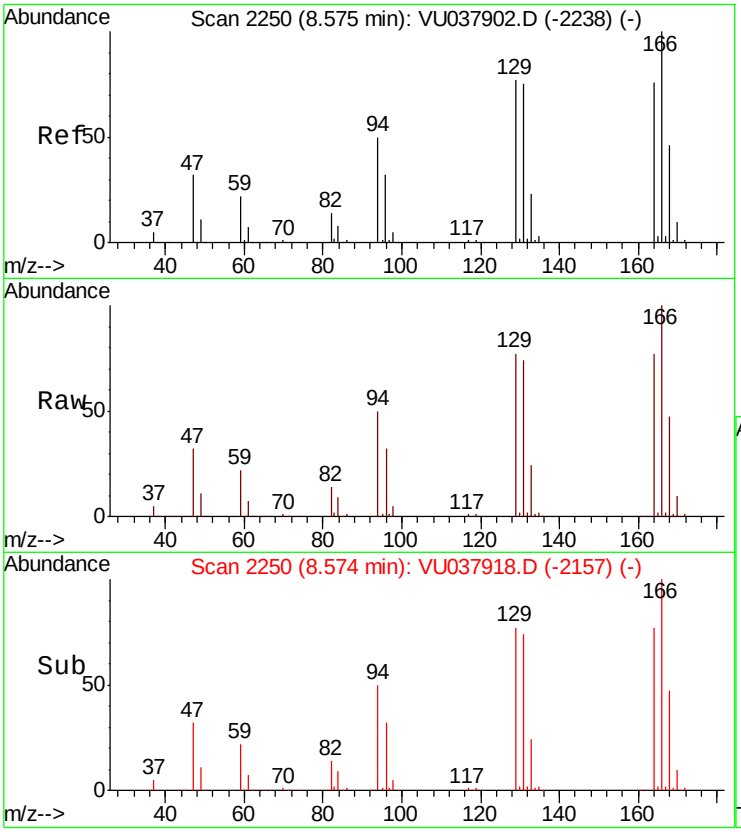


#35
Methylcyclohexane
Concen: 2.798 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Tgt Ion: 83 Resp: 24446

Ion	Ratio	Lower	Upper
83	100		
55	87.4	66.3	99.5
98	40.8	37.4	56.0



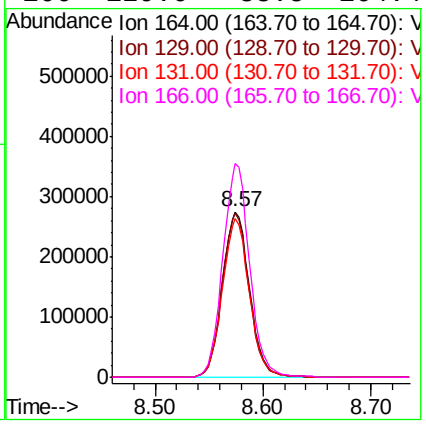


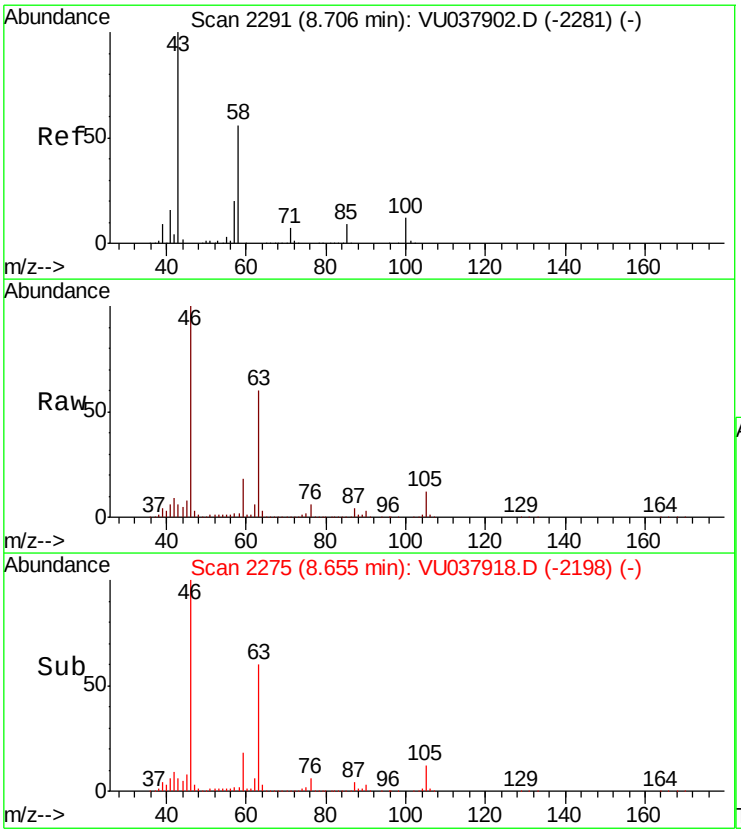
#46
Tetrachloroethene
Concen: 132.116 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 481891

Ion	Ratio	Lower	Upper
164	100		
129	99.1	67.3	125.1
131	95.7	64.8	120.4
166	129.0	88.5	164.4

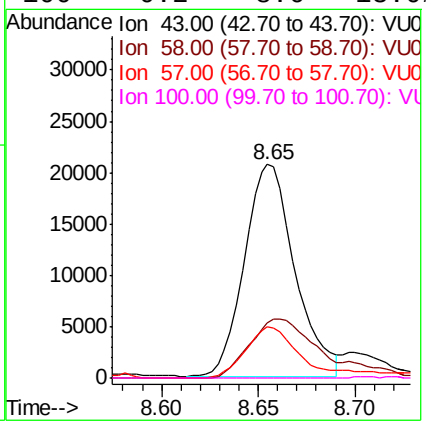


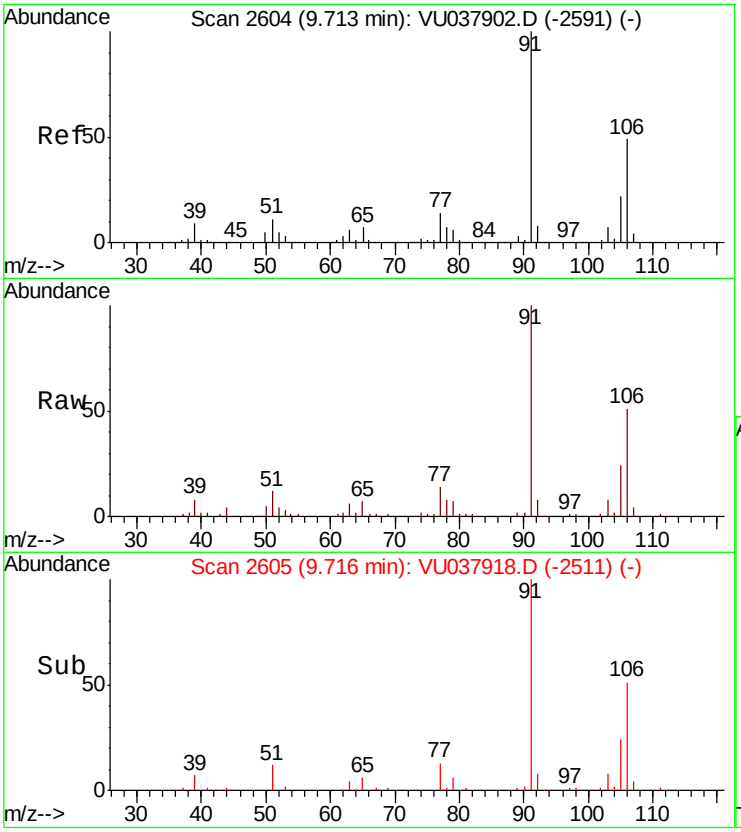


#48
2-Hexanone
Concen: 4.896 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Tgt Ion: 43 Resp: 37410

Ion	Ratio	Lower	Upper
43	100		
58	34.9	42.6	63.8#
57	24.5	14.6	22.0#
100	0.2	8.6	13.0#



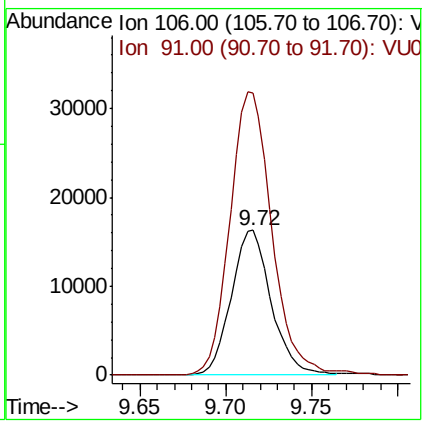


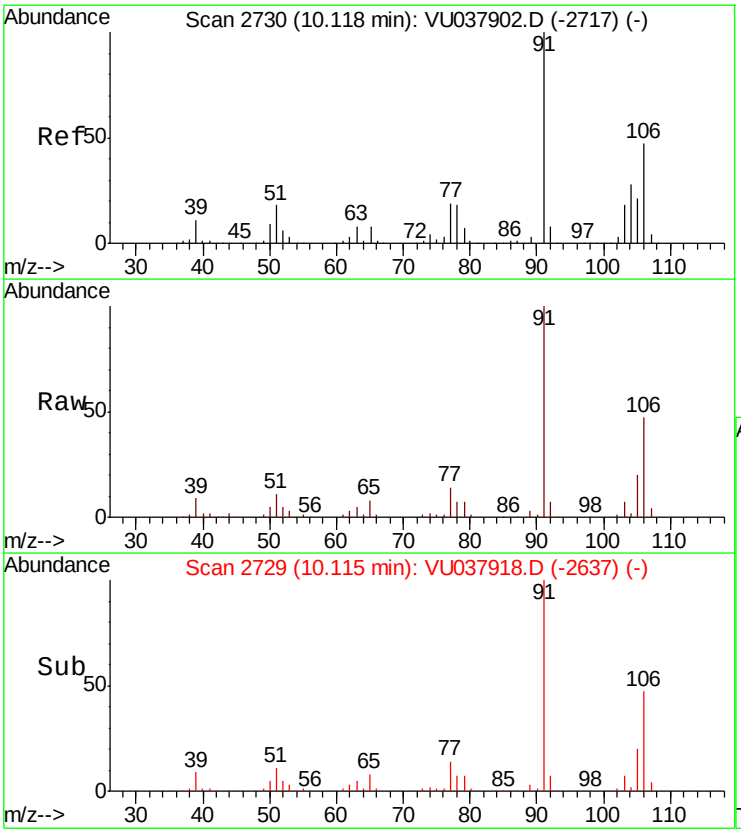
#53
m,p-Xylene
Concen: 2.928 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 26334

Ion	Ratio	Lower	Upper
106	100		
91	194.6	142.8	265.2

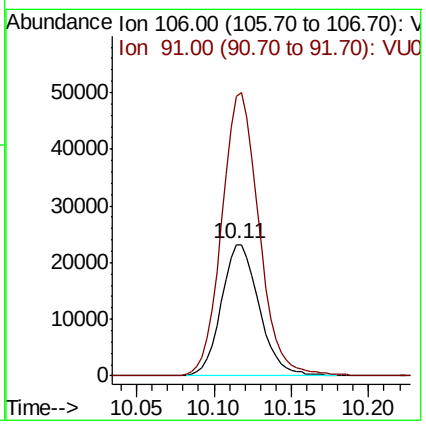


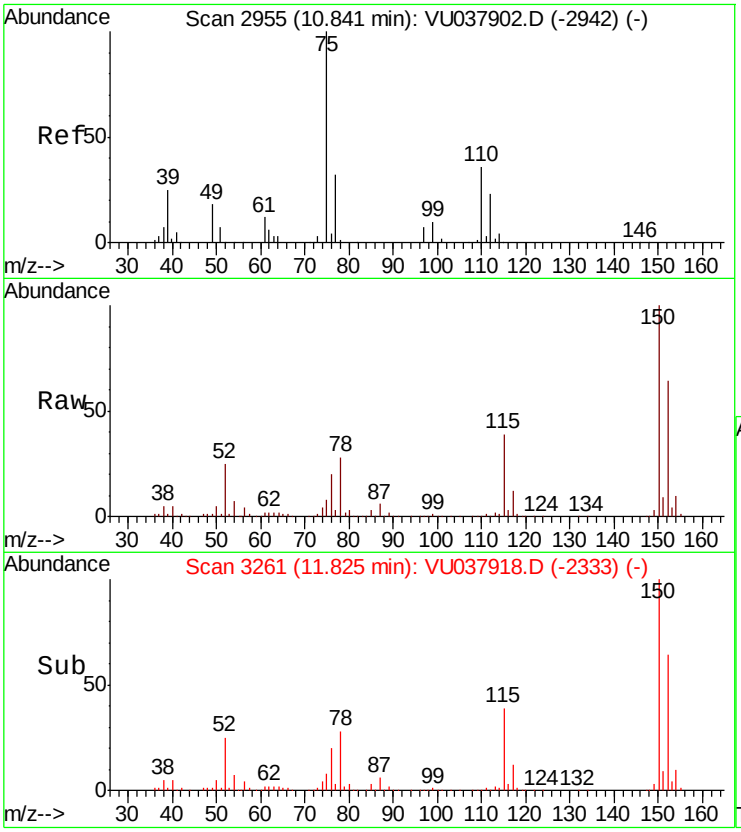


#54
o-xylene
Concen: 4.464 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Tgt Ion:106 Resp: 39267

Ion	Ratio	Lower	Upper
106	100		
91	212.7	150.6	279.6





#59
1,2,3-Trichloropropane
Concen: 5.896 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 44008

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.8	38.6