Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039942.D
Acq On : 21 Aug 2020 20:51
Operator : SY/MD
Sample : L3776-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y03

Quant Time: Aug 22 00:50:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	79374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34997	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27938	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.92	69	26780	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.58	63	38464	2.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.40%#			
20) 2-Butanone-d5	4.67	46	113757	51.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.68%			
24) Chloroform-d	5.08	84	58623	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	34897	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
32) Benzene-d6	5.75	84	110128	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.70	67	34615	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.91	98	82582	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	8.19	79	13120	3.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.40%			
46) 2-Hexanone-d5	8.64	63	78526	46.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.48%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33466	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	36781	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
16) Methylene chloride	3.06	84	2015	0.211	ug/L	79
27) 1,2-Dichloroethane	5.80	62	155433	16.350	ug/L #	74
33) Benzene	5.80	78	14411111	488.359	ug/L	100
35) Methylcyclohexane	6.70	83	8375	0.714	ug/L #	17
37) 1,2-Dichloropropane	6.71	63	4182	0.533	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1149	0.105	ug/L #	66
42) Toluene	7.97	91	4433	0.147	ug/L	84
48) 2-Hexanone	8.64	43	11043	2.481	ug/L #	66
52) Ethylbenzene	9.57	91	39188	1.194	ug/L	99
53) m,p-Xylene	9.70	106	2490	0.198	ug/L	92
54) o-Xylene	10.10	106	847	0.071	ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	5246	0.934	ug/L #	86
69) Naphthalene	14.08	128	77126	5.086	ug/L	98

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Aug 2020 20:51
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
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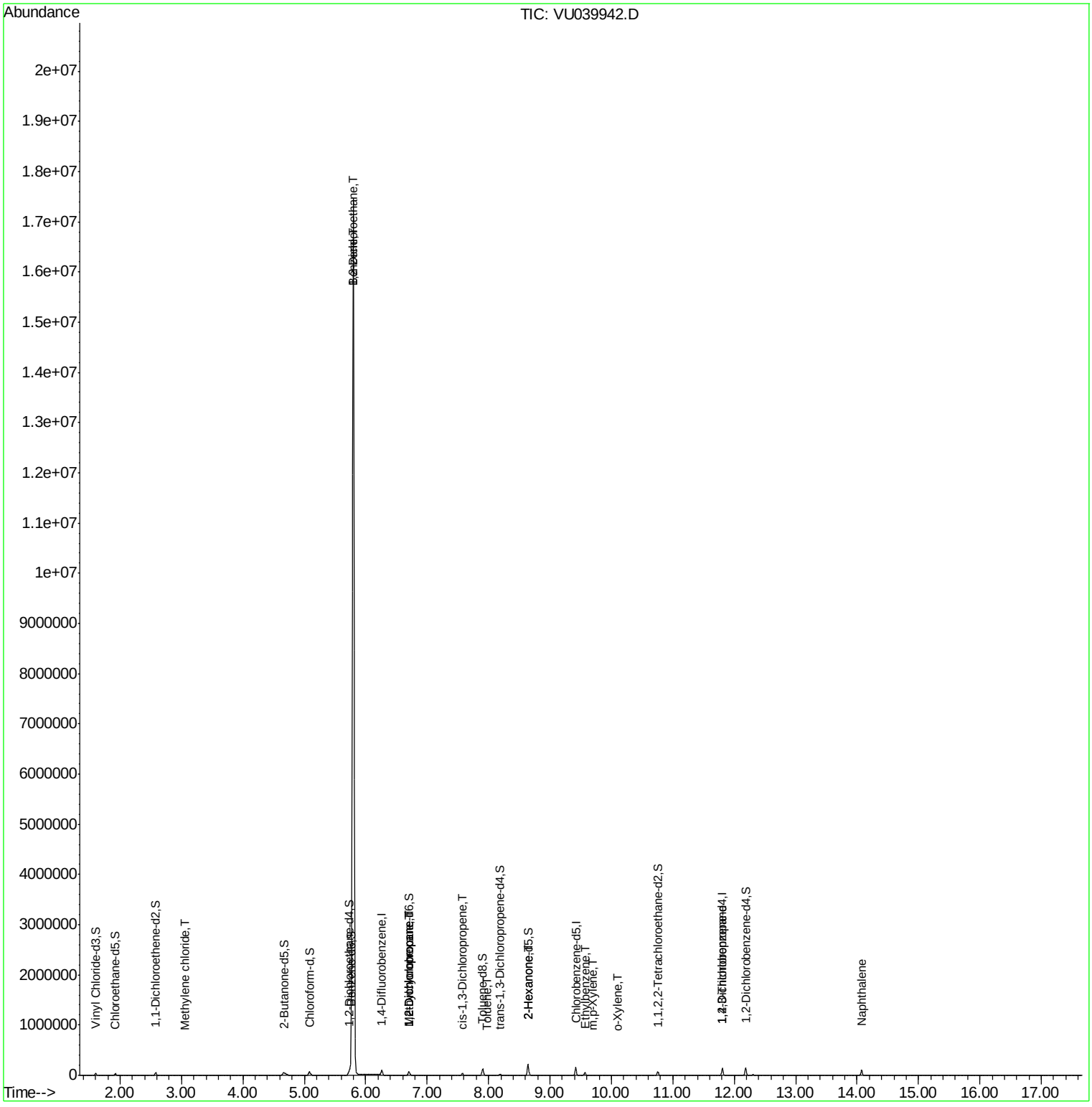
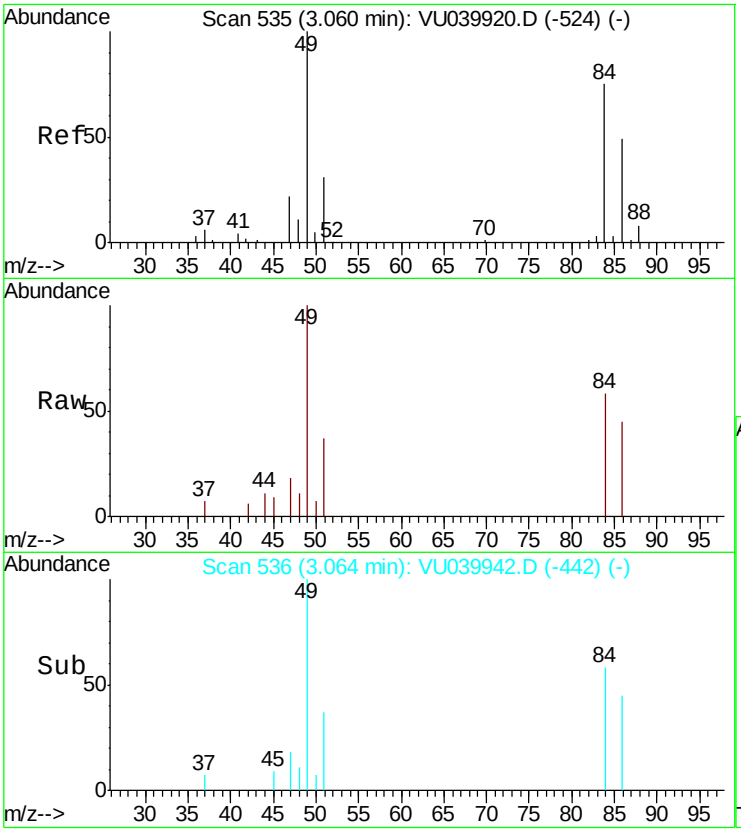
Quant Time: Aug 22 00:50:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration



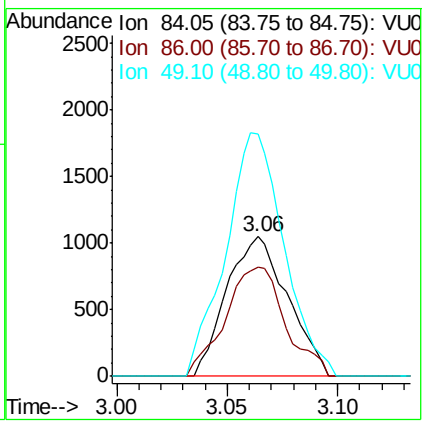


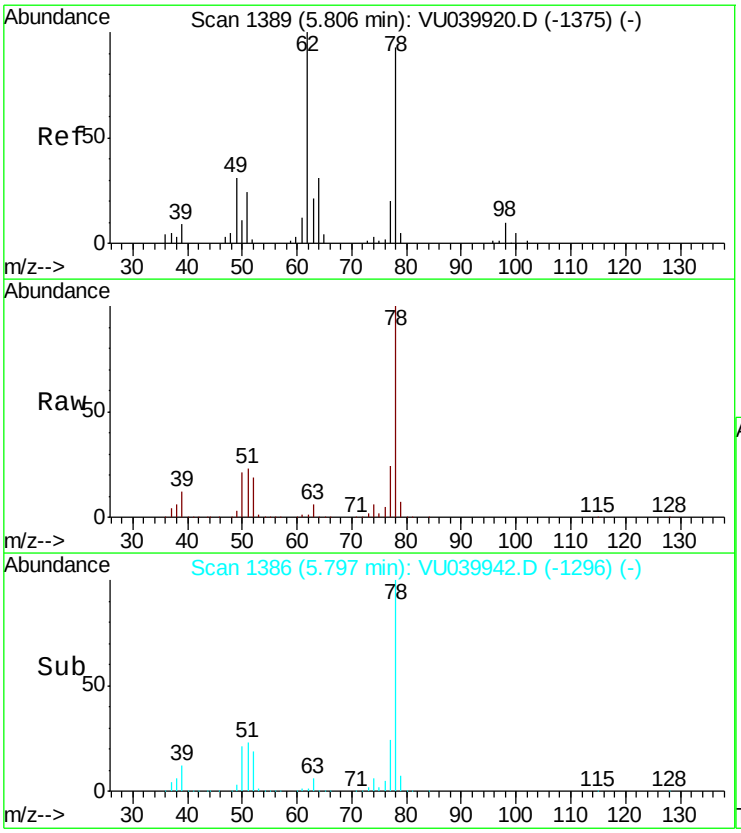
#16
Methylene chloride
Concen: 0.211 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Instrument : MSVOA_U
ClientSampleId : F4Y03

Tgt Ion: 84 Resp: 2015

Ion	Ratio	Lower	Upper
84	100		
86	78.3	47.2	87.6
49	172.9	99.8	185.4

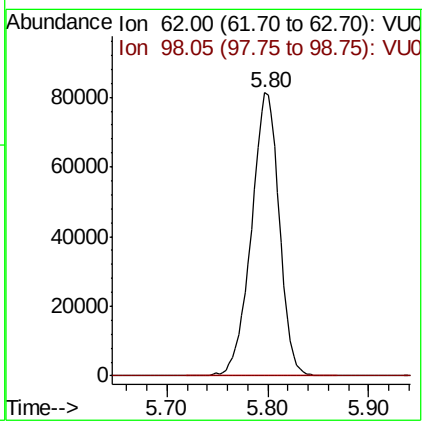


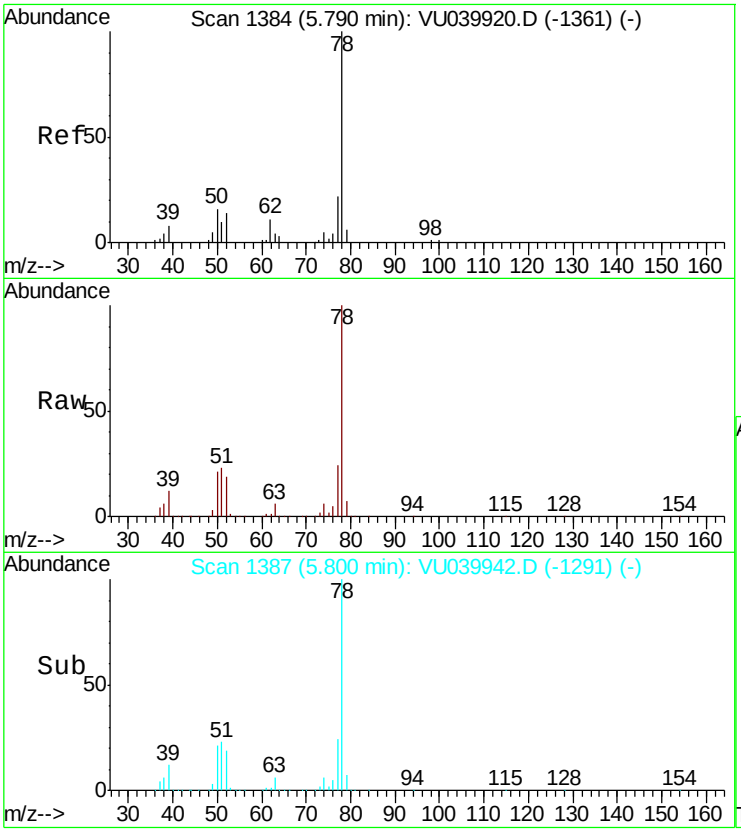


#27
1,2-Dichloroethane
Concen: 16.350 ug/L
RT: 5.80 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Tgt Ion: 62 Resp: 155433

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.2#

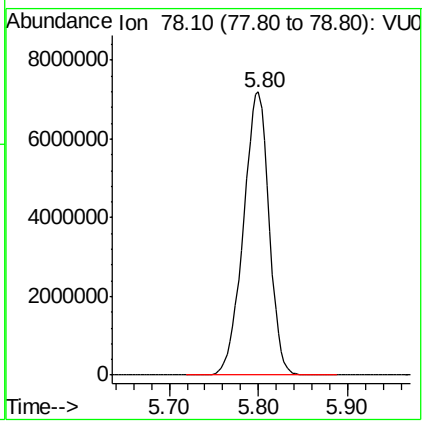


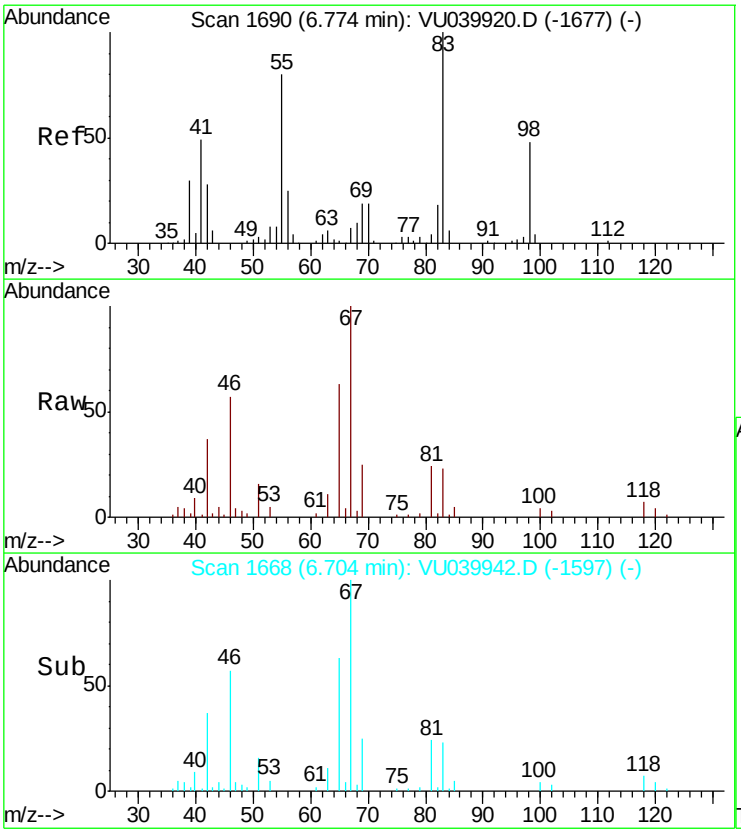


#33
Benzene
Concen: 488.359 ug/L
RT: 5.80 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Instrument :
MSVOA_U
ClientSampleId :
F4Y03

Tgt Ion: 78 Resp:14411111

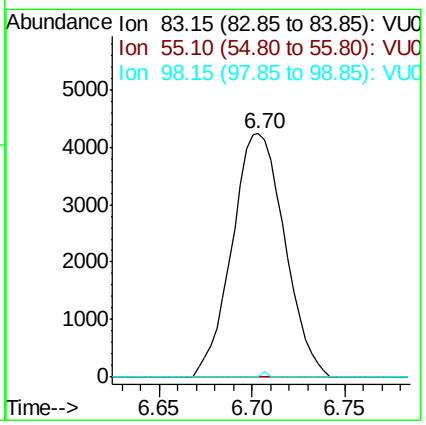


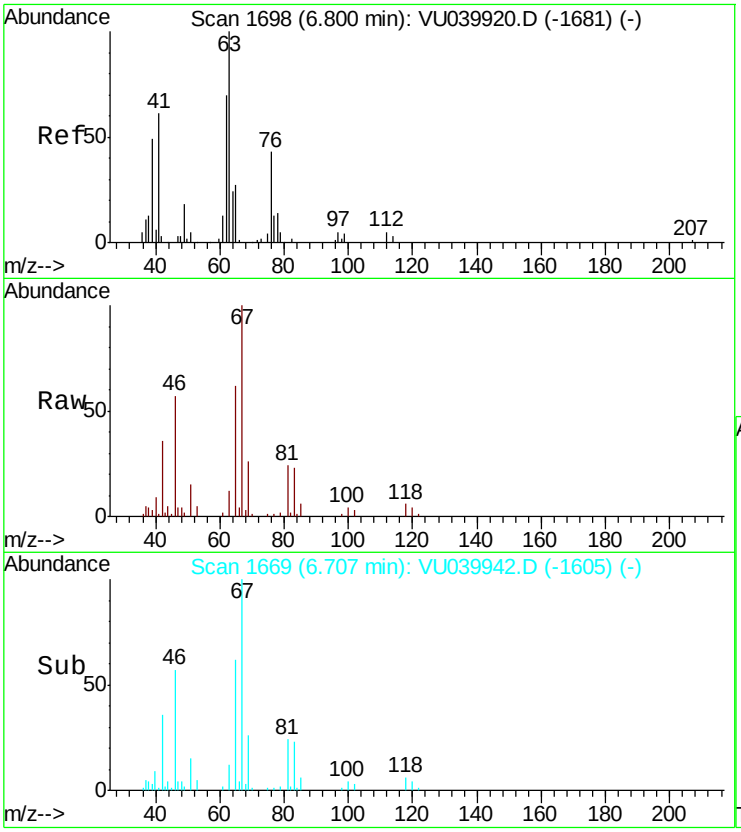


#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Tgt Ion: 83 Resp: 8375

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.1	96.1#
98	0.2	39.4	59.0#



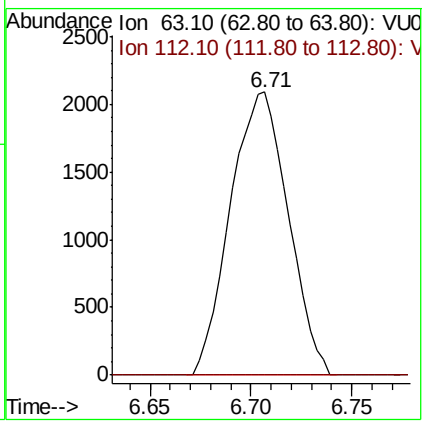


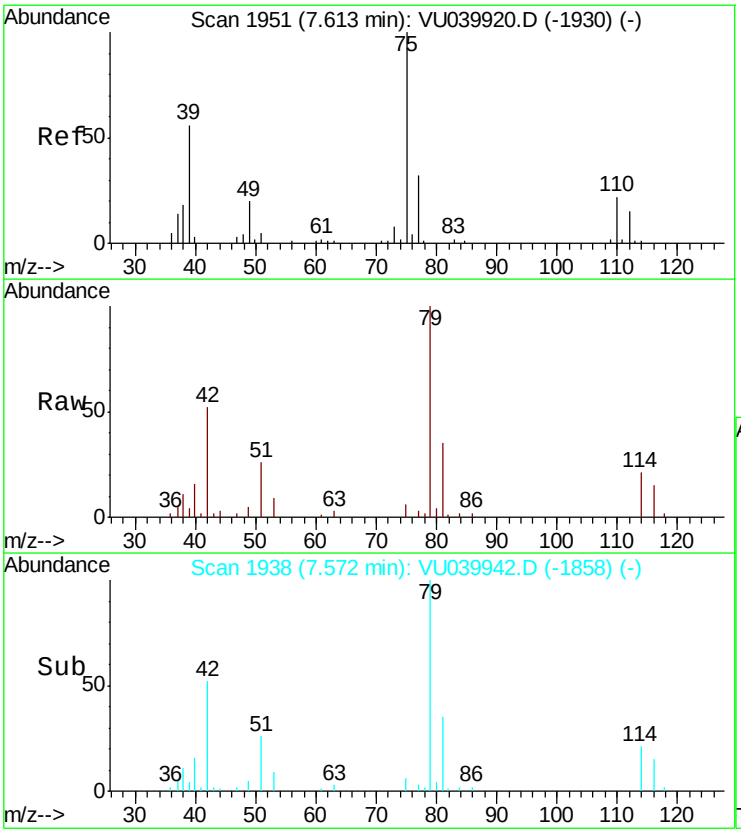
#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Instrument : MSVOA_U
ClientSampleId : F4Y03

Tgt Ion: 63 Resp: 4182

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#

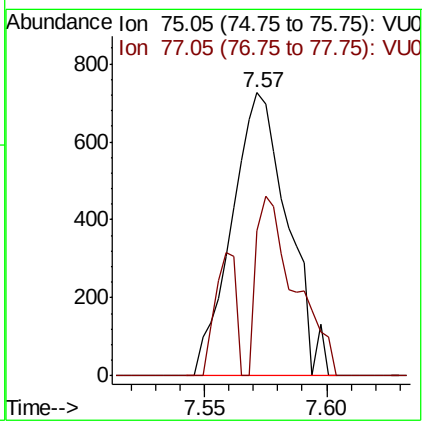


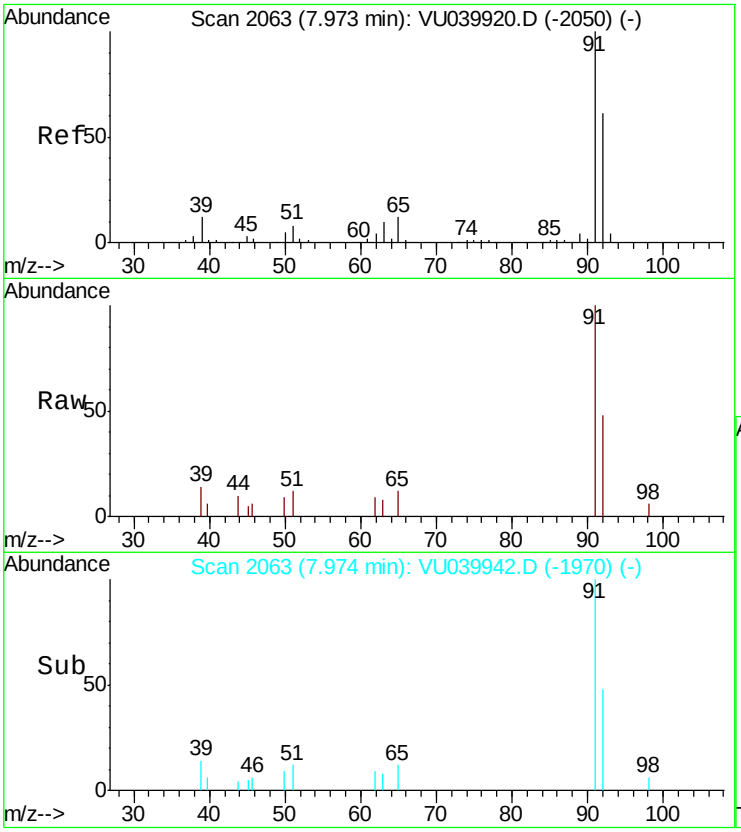


#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Tgt Ion: 75 Resp: 1149

Ion	Ratio	Lower	Upper
75	100		
77	51.1	22.6	42.0#



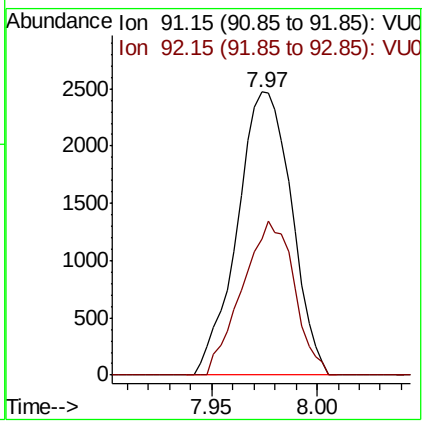


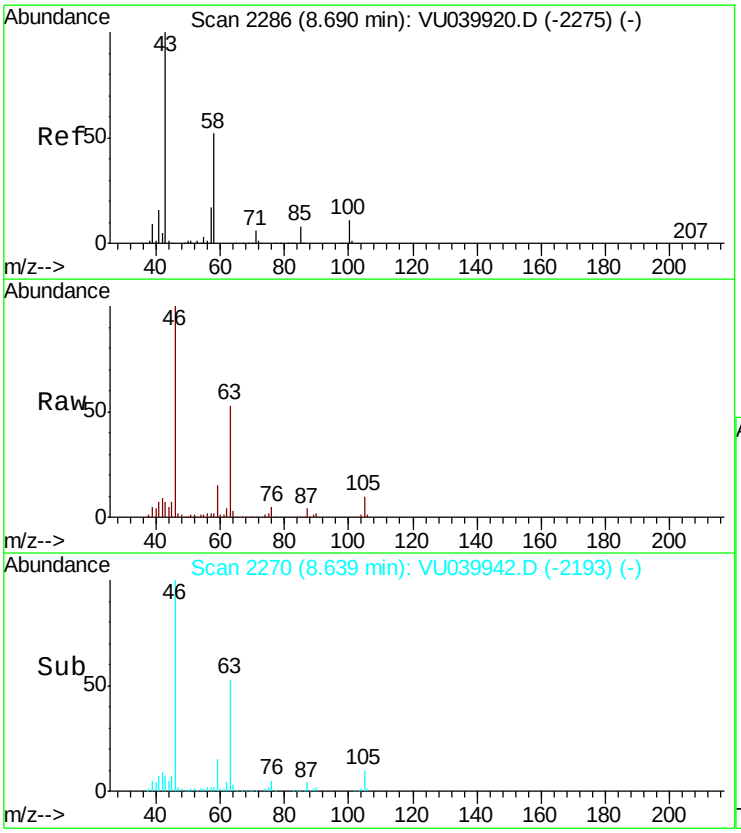
#42
Toluene
Concen: 0.147 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Instrument : MSVOA_U
ClientSampleId : F4Y03

Tgt Ion: 91 Resp: 4433

Ion	Ratio	Lower	Upper
91	100		
92	48.0	42.3	78.5

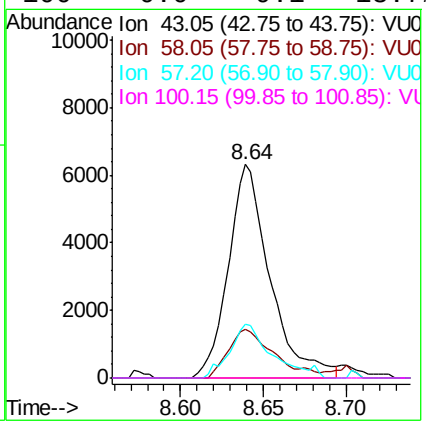


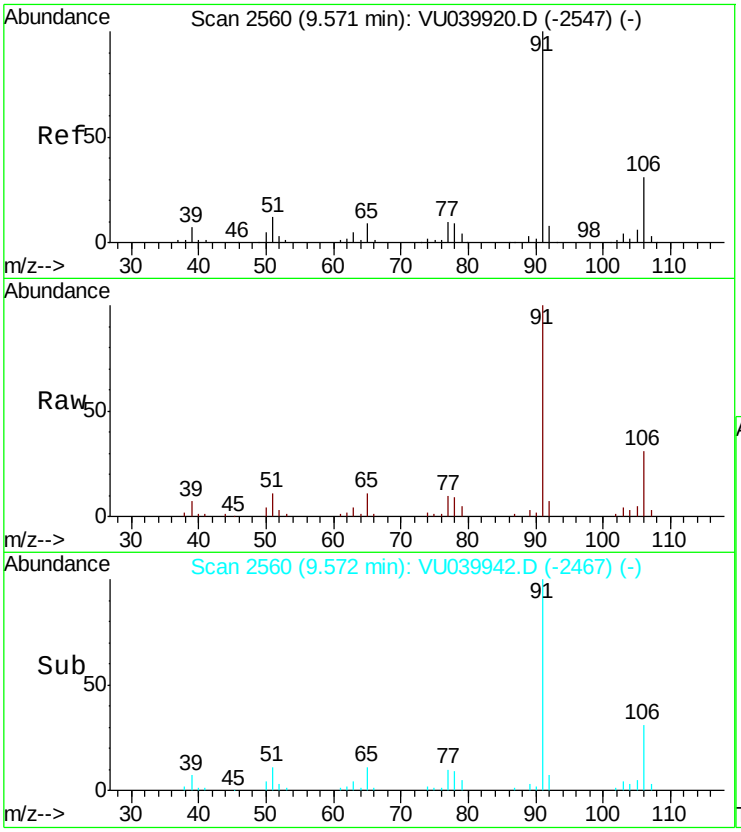


#48
2-Hexanone
Concen: 2.481 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Tgt Ion: 43 Resp: 11043

Ion	Ratio	Lower	Upper
43	100		
58	23.1	41.3	61.9#
57	25.7	14.1	21.1#
100	0.0	9.1	13.7#



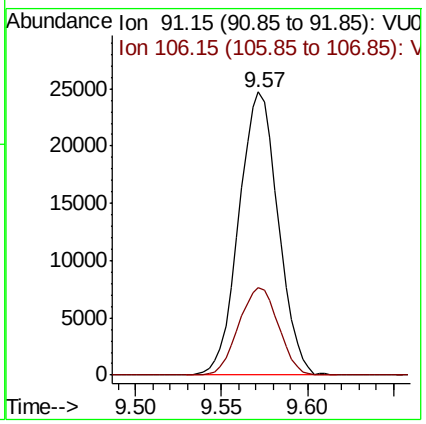


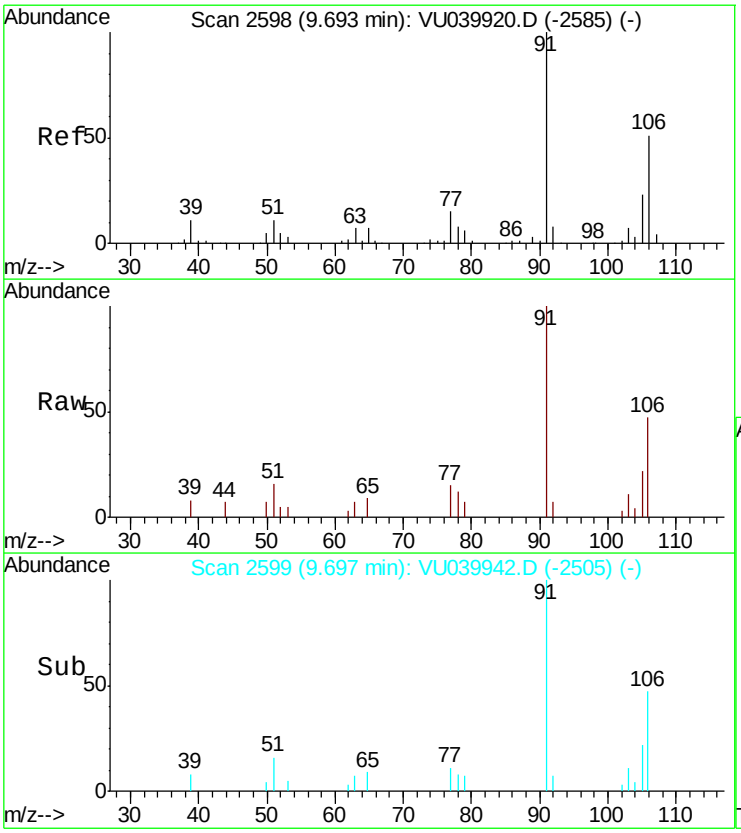
#52
Ethylbenzene
Concen: 1.194 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Instrument :
MSVOA_U
ClientSampleId :
F4Y03

Tgt Ion: 91 Resp: 39188

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.2	39.4

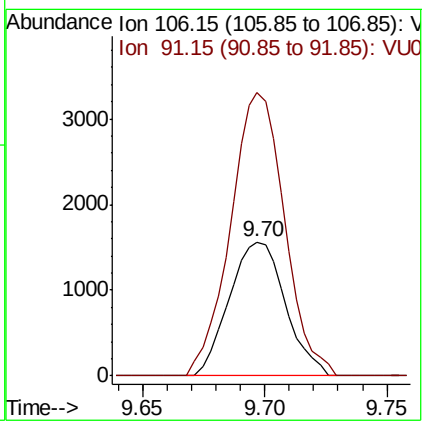


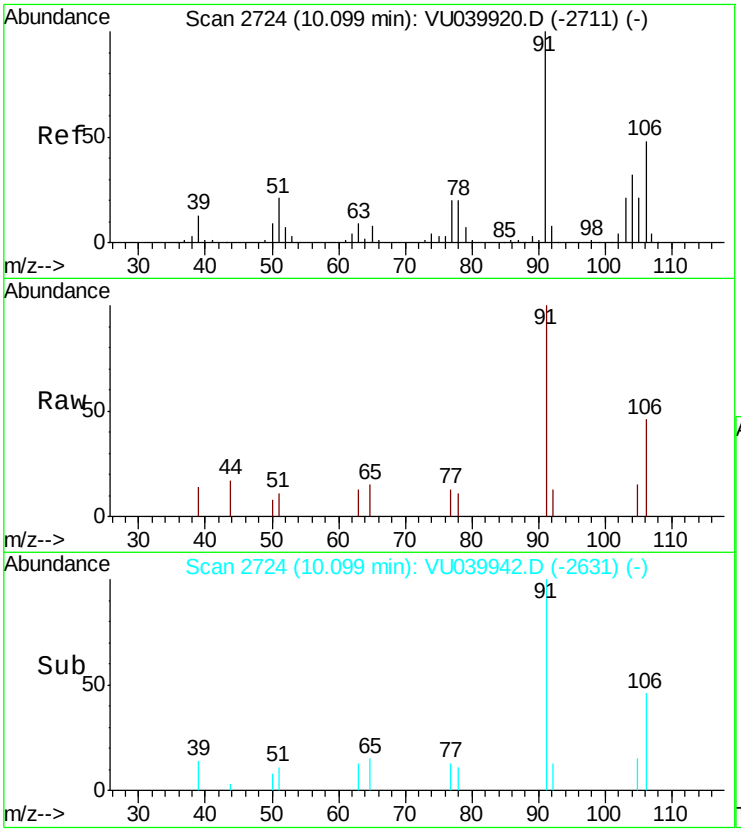


#53
m,p-Xylene
Concen: 0.198 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Tgt Ion:106 Resp: 2490

Ion	Ratio	Lower	Upper
106	100		
91	211.5	139.8	259.6



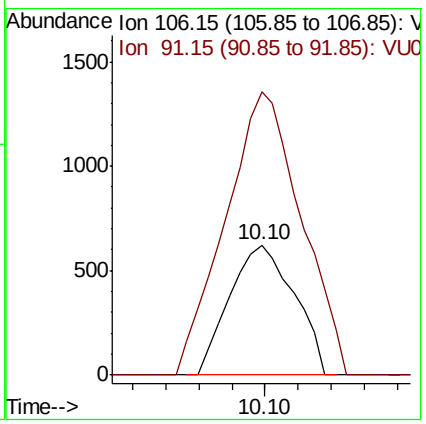


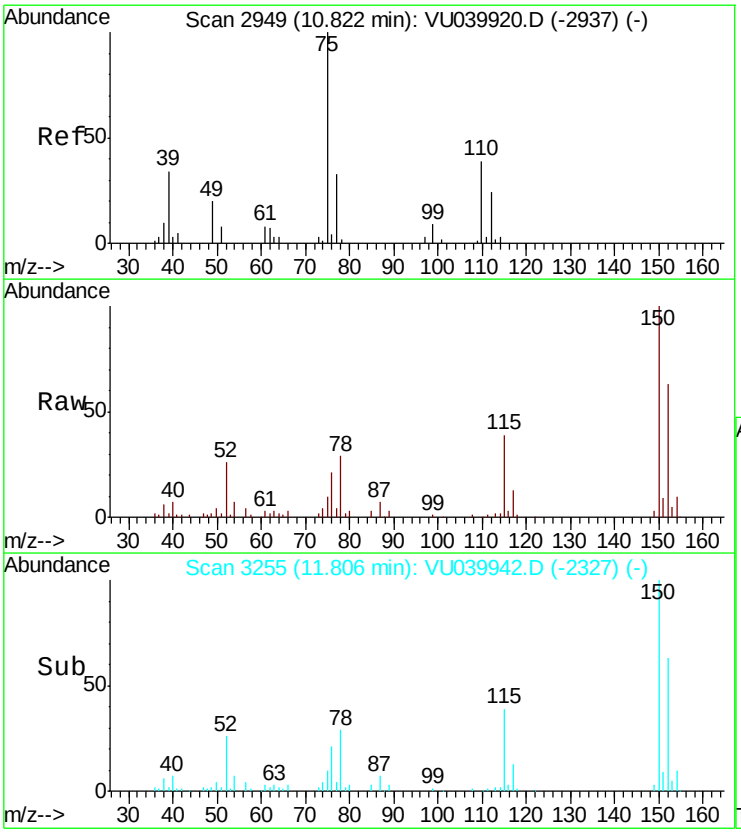
#54
o-Xylene
Concen: 0.071 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Instrument :
MSVOA_U
ClientSampleId :
F4Y03

Tgt Ion:106 Resp: 847

Ion	Ratio	Lower	Upper
106	100		
91	217.5	144.6	268.6

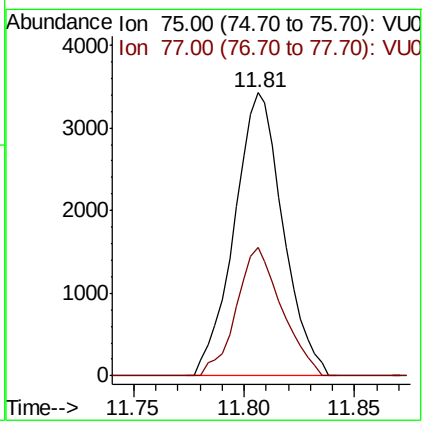


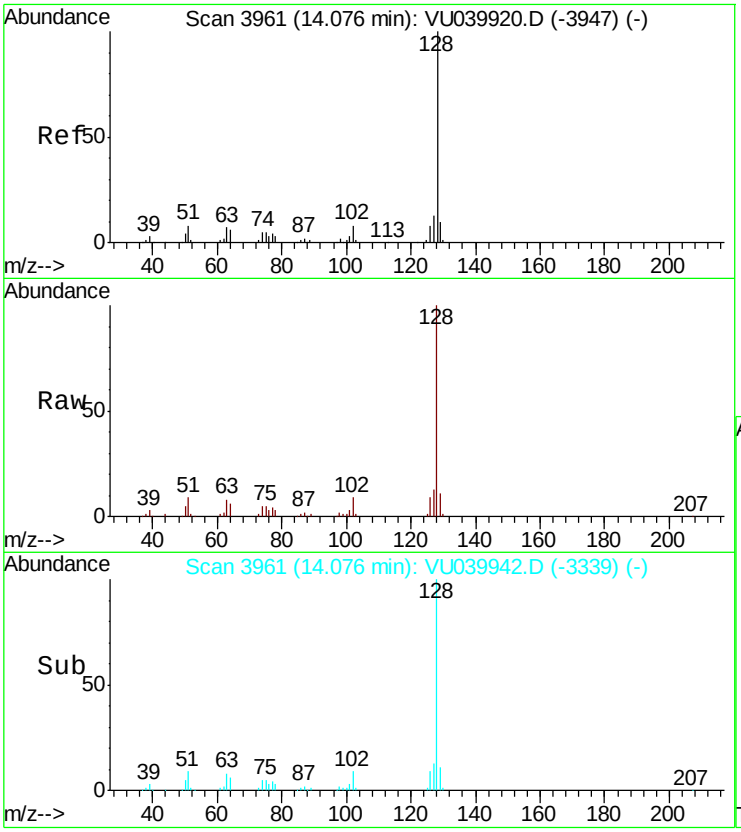


#59
1,2,3-Trichloropropane
Concen: 0.934 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Tgt Ion: 75 Resp: 5246

Ion	Ratio	Lower	Upper
75	100		
77	42.2	27.4	41.2#





#69
Naphthalene
Concen: 5.086 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU039942.D
Acq: 21 Aug 2020 20:51

Instrument :
MSVOA_U
ClientSampleId :
F4Y03

Tgt Ion:128 Resp: 77126

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.8	10.2	15.4