Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040231.D
Acq On : 21 Sep 2020 14:11
Operator : SY/MD
Sample : L4046-13 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q1

Quant Time: Sep 22 07:14:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64697	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	31506	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.92	69	30332	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.58	63	54452	2.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.60%#			
20) 2-Butanone-d5	4.66	46	162144	54.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.88%			
24) Chloroform-d	5.08	84	80531	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.72	65	52025	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.75	84	143189	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
36) 1,2-Dichloropropane-d6	6.70	67	47954	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.91	98	115479	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.00%			
43) trans-1,3-Dichloropropene-	8.19	79	20889	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.64	63	117745	52.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.24%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49045	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	56284	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	1163	0.149	ug/L	96
13) Acetone	2.39	43	3987	1.459	ug/L	54
16) Methylene chloride	3.06	84	1988	0.145	ug/L	85
25) Chloroform	5.11	83	4445	0.187	ug/L	81
27) 1,2-Dichloroethane	5.79	62	21923	1.262	ug/L #	78
30) Cyclohexane	5.40	56	1865	0.092	ug/L #	57
33) Benzene	5.79	78	2043113	42.741	ug/L	100
35) Methylcyclohexane	6.77	83	657	0.033	ug/L #	77
37) 1,2-Dichloropropane	6.70	63	6140	0.474	ug/L #	95
42) Toluene	7.98	91	281134	5.711	ug/L	100
44) trans-1,3-Dichloropropene	8.18	75	1284	0.073	ug/L #	39
51) Chlorobenzene	9.45	112	202355	6.621	ug/L	98
52) Ethylbenzene	9.57	91	228481	4.085	ug/L	100
53) m,p-Xylene	9.69	106	539712	27.102	ug/L	99
54) o-Xylene	10.10	106	114627	6.040	ug/L	98
55) Styrene	10.10	104	7011	0.212	ug/L #	1
56) Isopropylbenzene	10.48	105	16240	0.314	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040231.D
Acq On : 21 Sep 2020 14:11
Operator : SY/MD
Sample : L4046-13 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q1

Quant Time: Sep 22 07:14:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) 1,2,3-Trichloropropane	11.46	75	1162	0.121	ug/L	#	1
63) 1,4-Dichlorobenzene	11.83	146	7736	0.323	ug/L		95
65) 1,2-Dichlorobenzene	12.20	146	1955	0.085	ug/L		96
69) Naphthalene	14.08	128	1578	0.053	ug/L	#	85

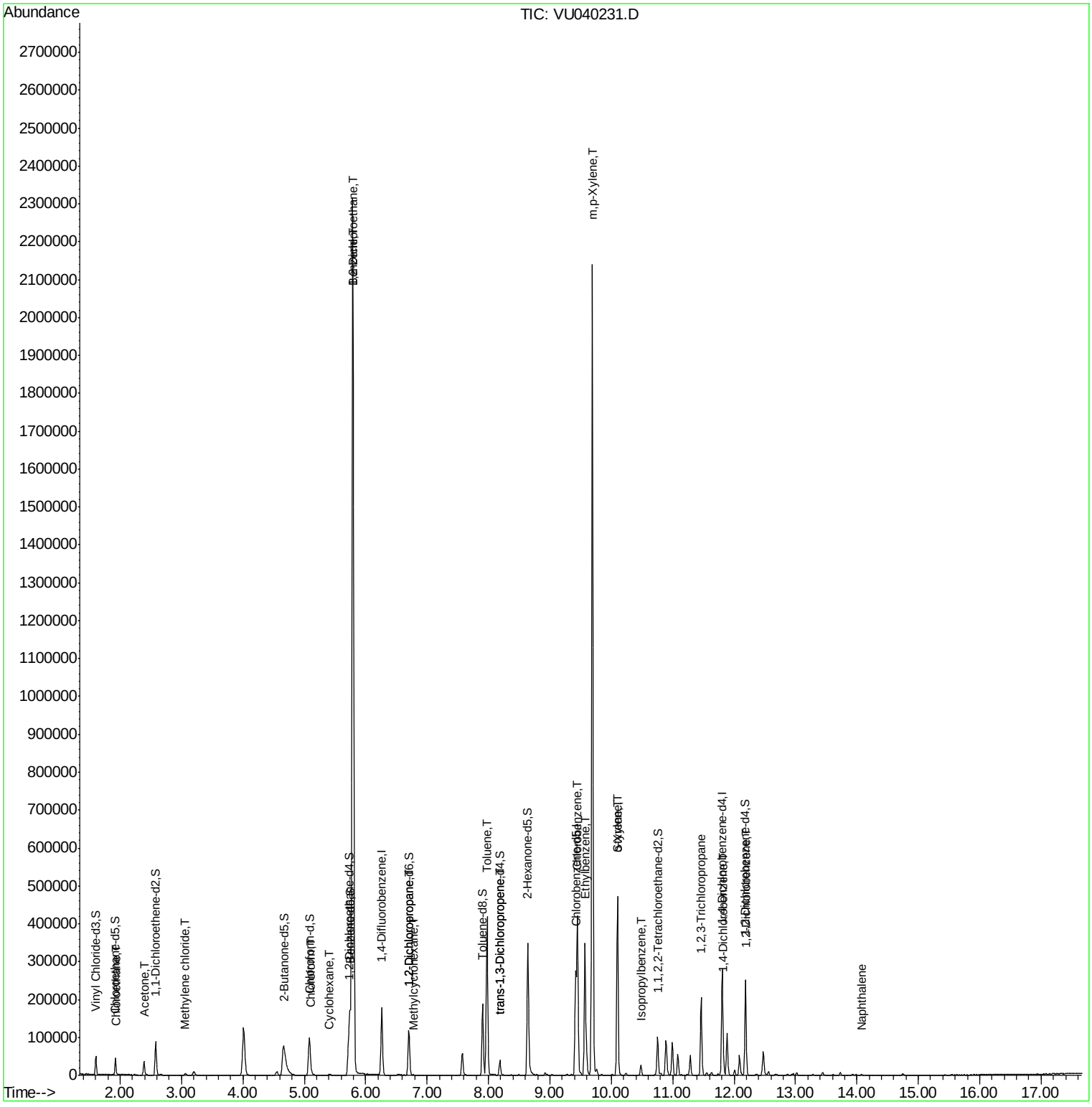
(#) = qualifier out of range (m) = manual integration (+) = signals summed

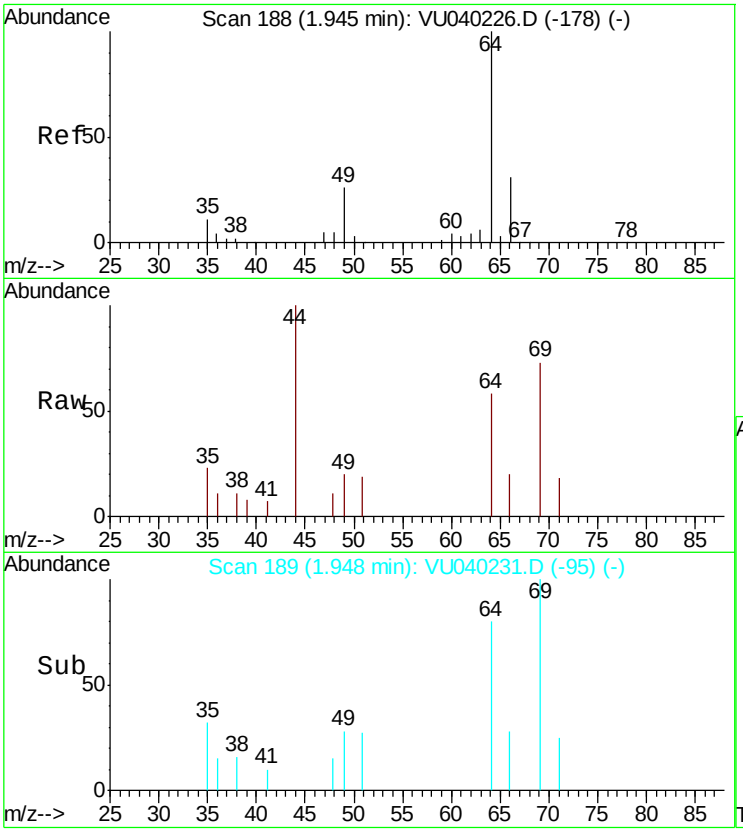
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
Data File : VU040231.D
Acq On : 21 Sep 2020 14:11
Operator : SY/MD
Sample : L4046-13 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Quant Time: Sep 22 07:14:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration



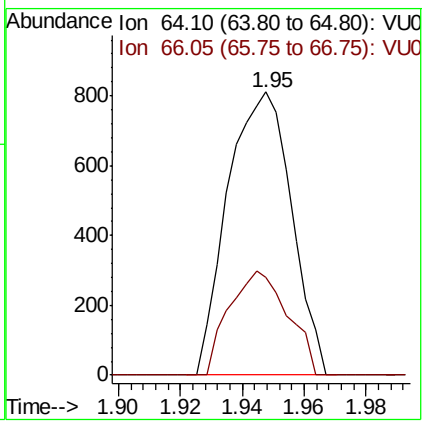


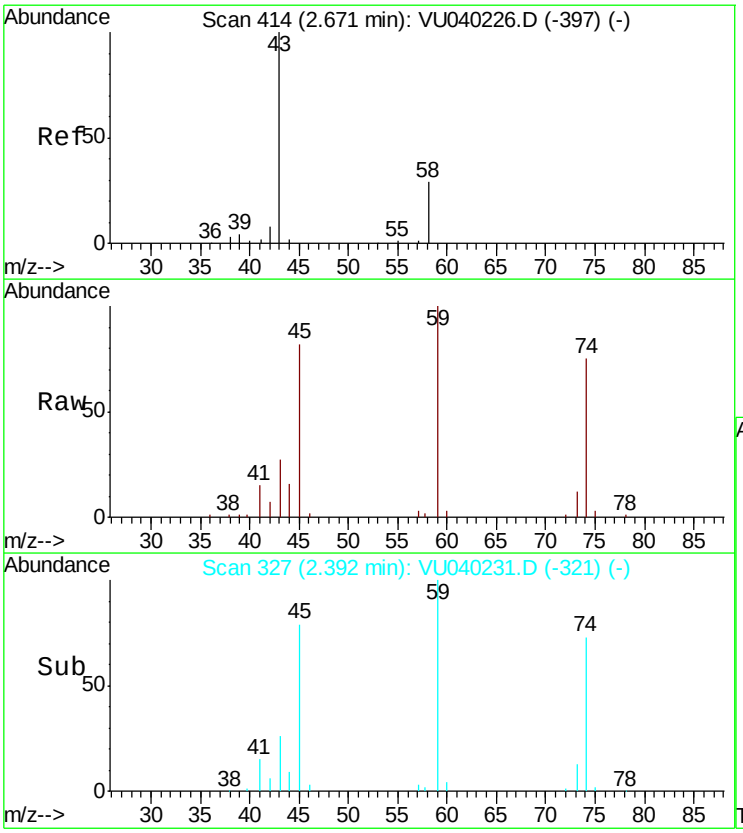
#8
Chloroethane
Concen: 0.149 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tgt Ion: 64 Resp: 1163

Ion	Ratio	Lower	Upper
64	100		
66	34.5	22.7	42.1

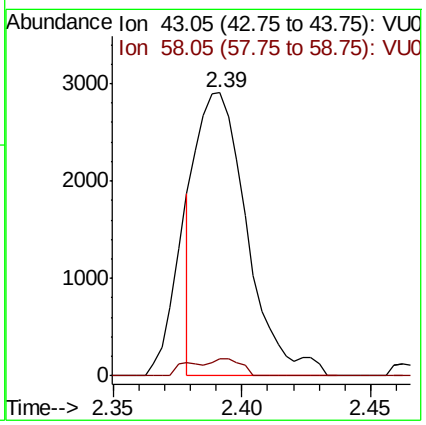


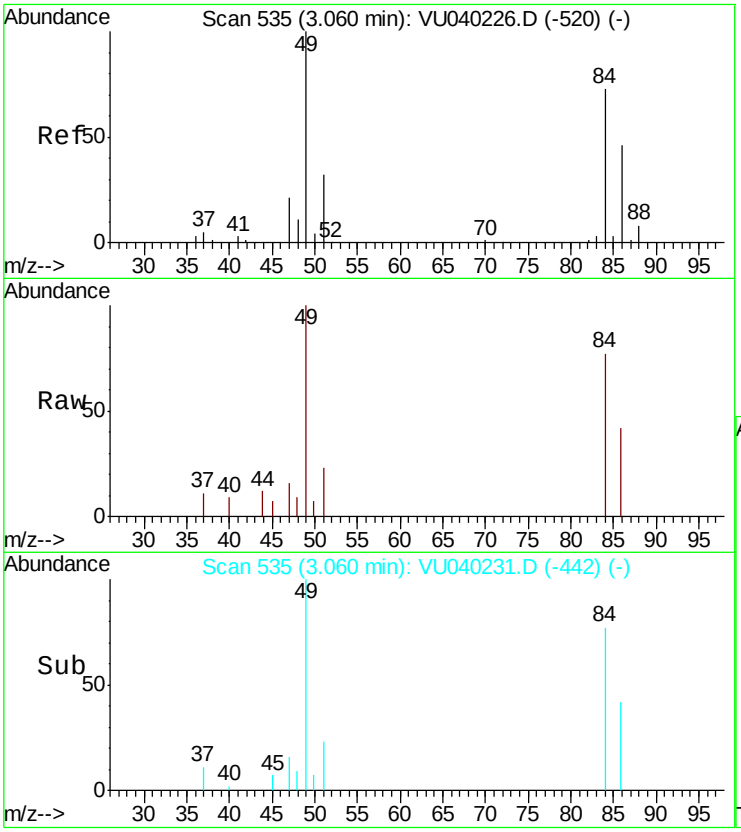


#13
Acetone
Concen: 1.459 ug/L
RT: 2.39 min Scan# 327
Delta R.T. -0.28 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion: 43 Resp: 3987

Ion	Ratio	Lower	Upper
43	100		
58	3.5	0.0	55.4



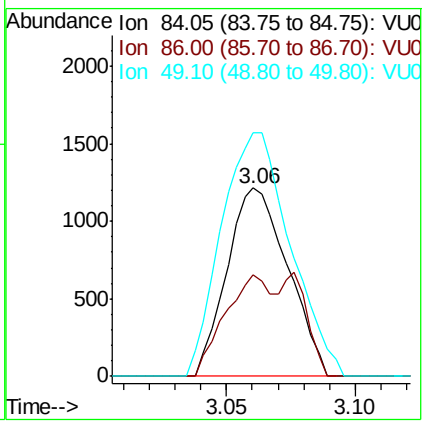


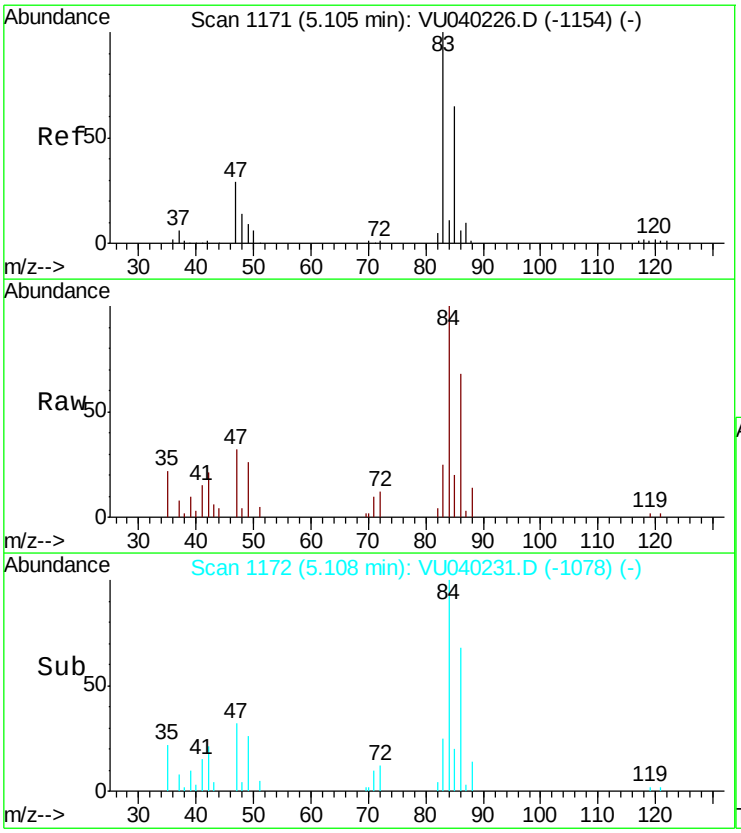
#16
Methylene chloride
Concen: 0.145 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument : MSVOA_U
ClientSampleId : BG0Q1

Tgt Ion: 84 Resp: 1988

Ion	Ratio	Lower	Upper
84	100		
86	54.0	45.2	84.0
49	129.5	104.0	193.2

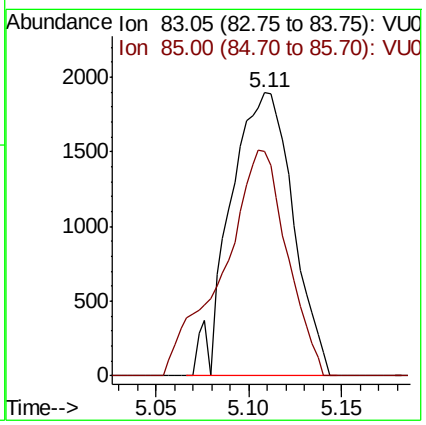


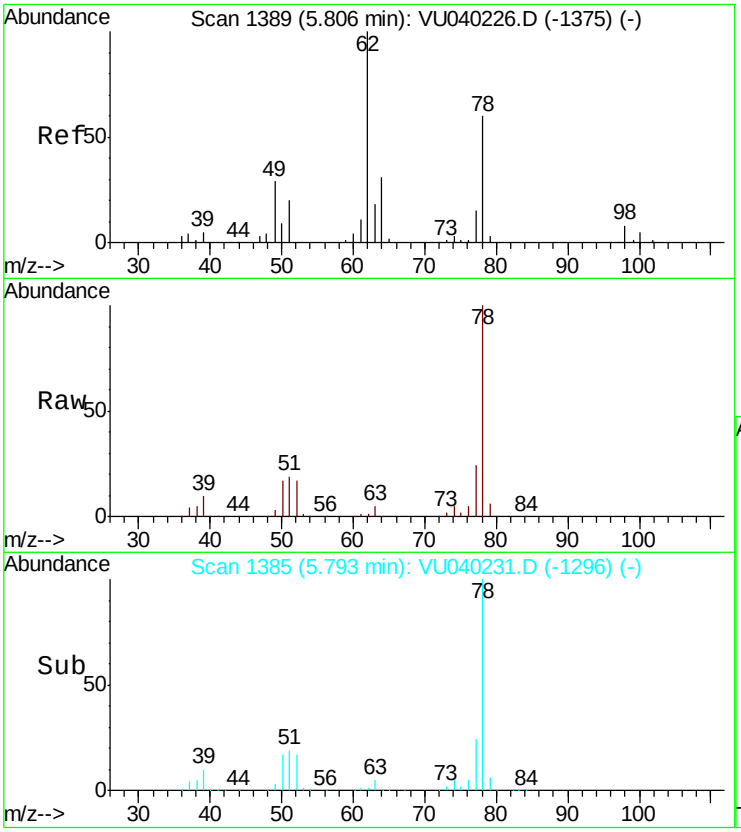


#25
Chloroform
Concen: 0.187 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion: 83 Resp: 4445

Ion	Ratio	Lower	Upper
83	100		
85	79.4	45.3	84.1



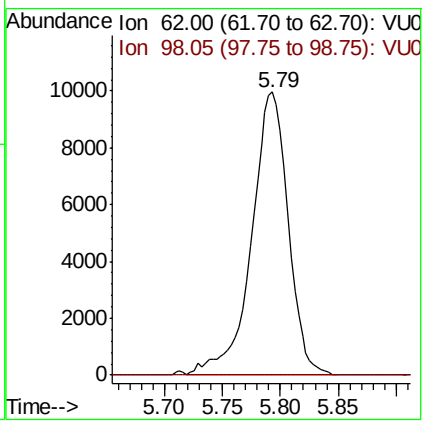


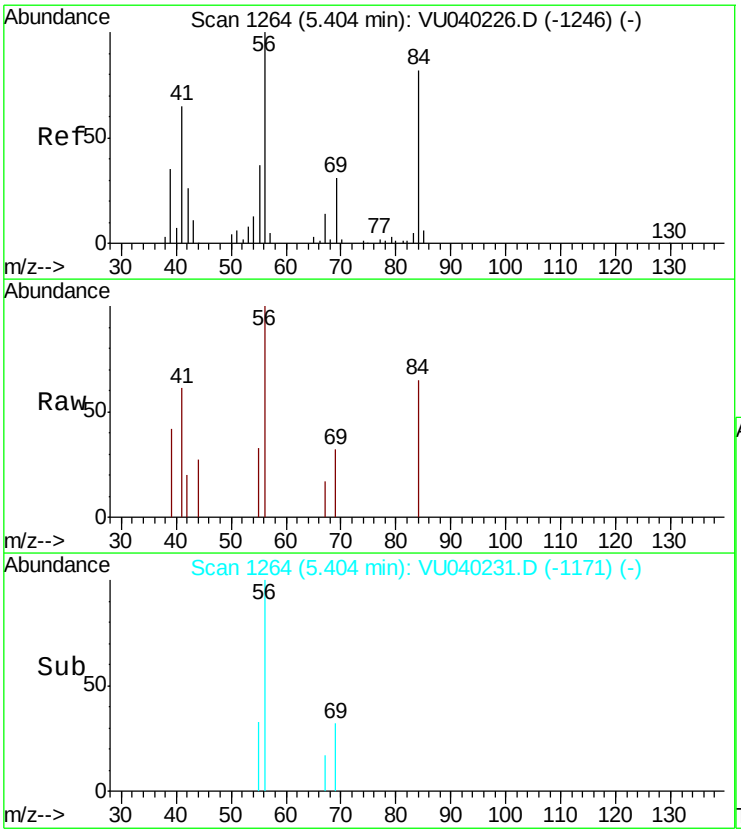
#27
1,2-Dichloroethane
Concen: 1.262 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument : MSVOA_U
ClientSampleId : BG0Q1

Tgt Ion: 62 Resp: 21923

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.1	9.1#

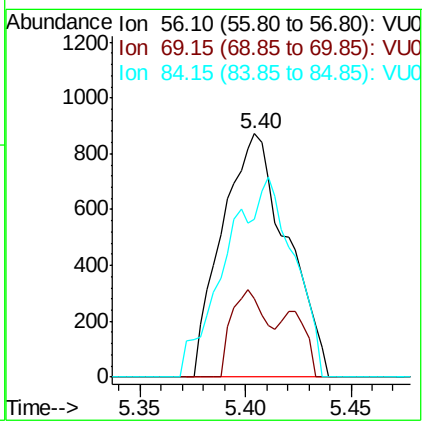


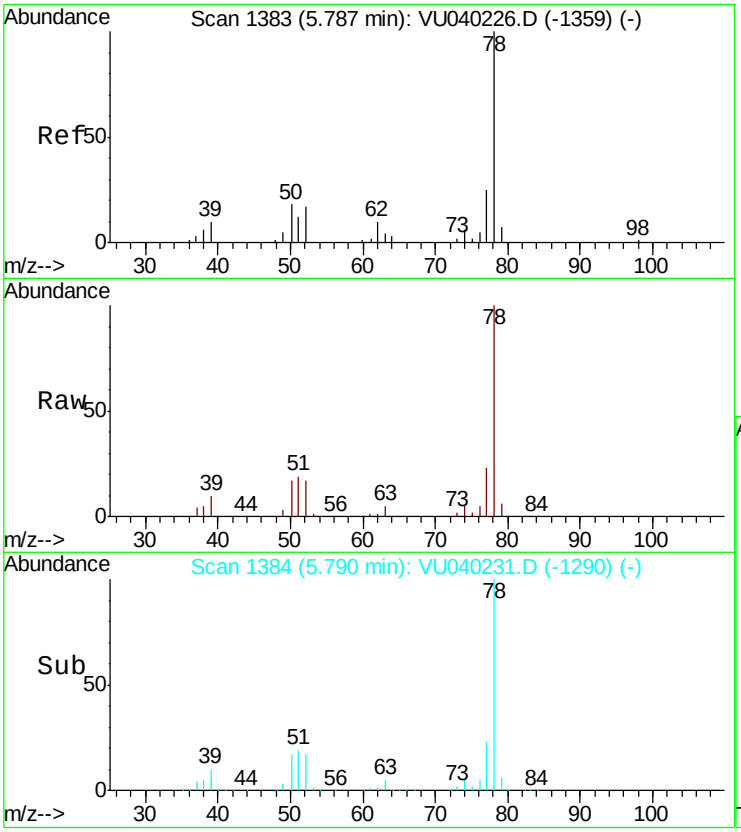


#30
Cyclohexane
Concen: 0.092 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion: 56 Resp: 1865

Ion	Ratio	Lower	Upper
56	100		
69	19.6	24.1	36.1#
84	35.8	65.0	97.4#

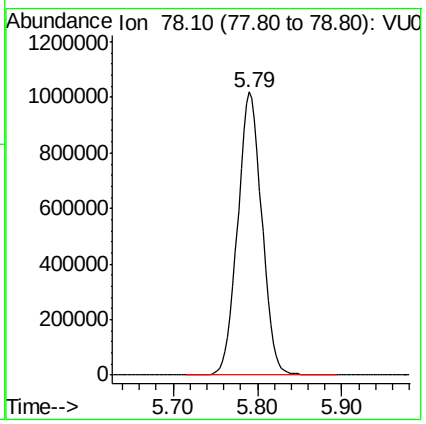


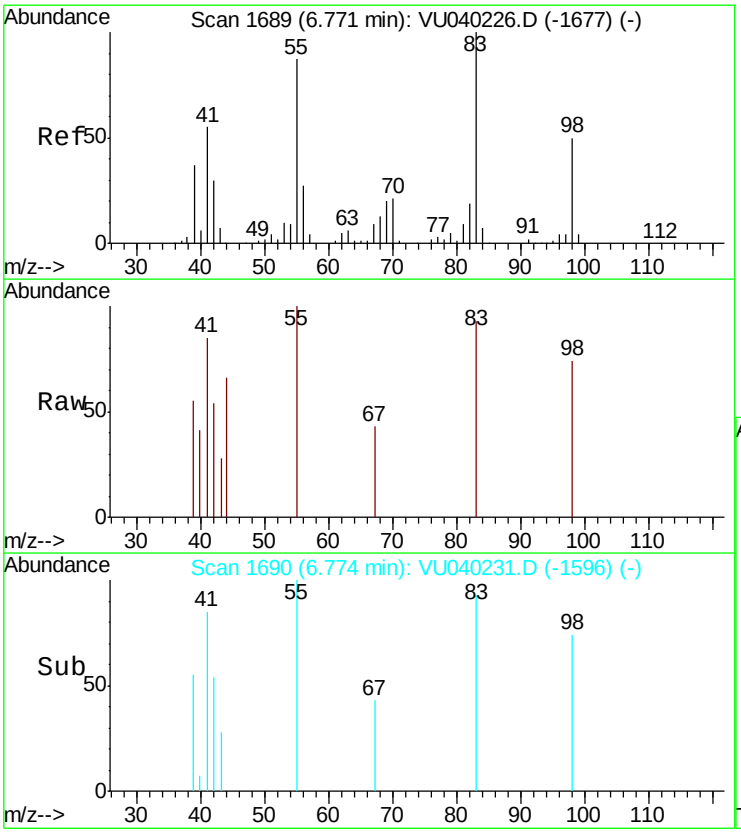


#33
Benzene
Concen: 42.741 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tgt Ion: 78 Resp: 2043113

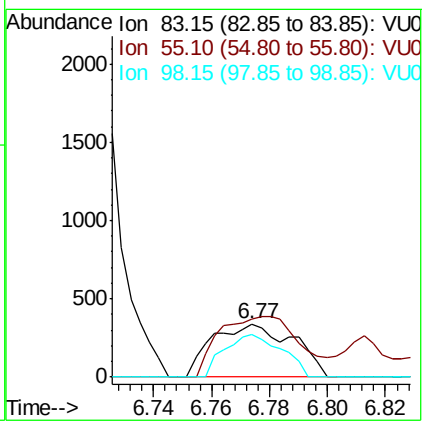


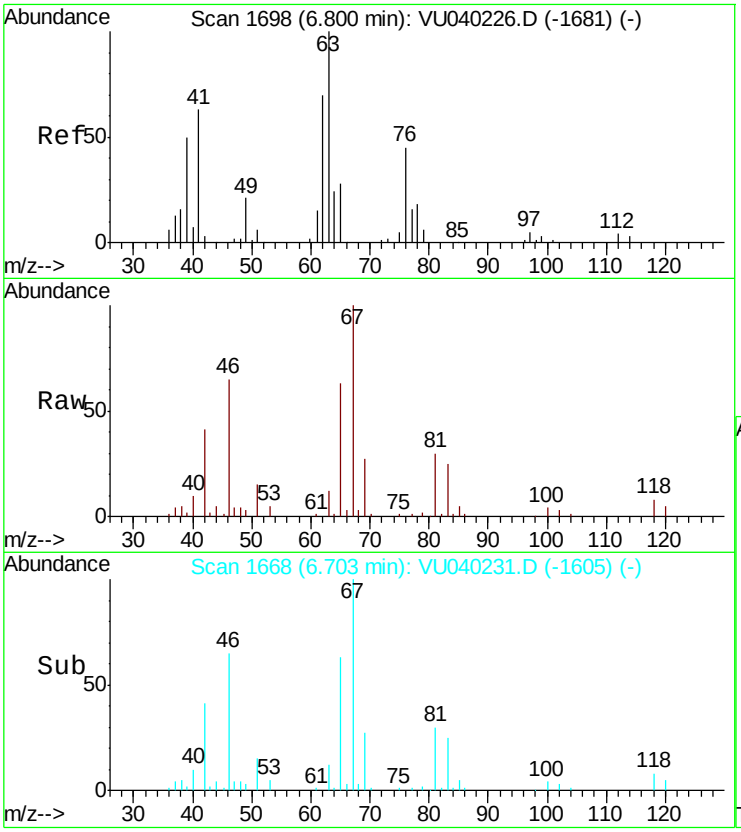


#35
Methylcyclohexane
Concen: 0.033 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion: 83 Resp: 657

Ion	Ratio	Lower	Upper
83	100		
55	113.7	70.5	105.7#
98	56.6	37.8	56.6



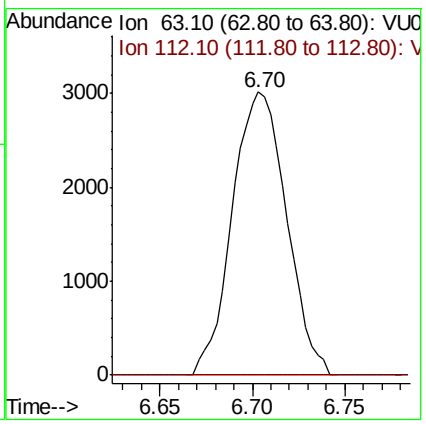


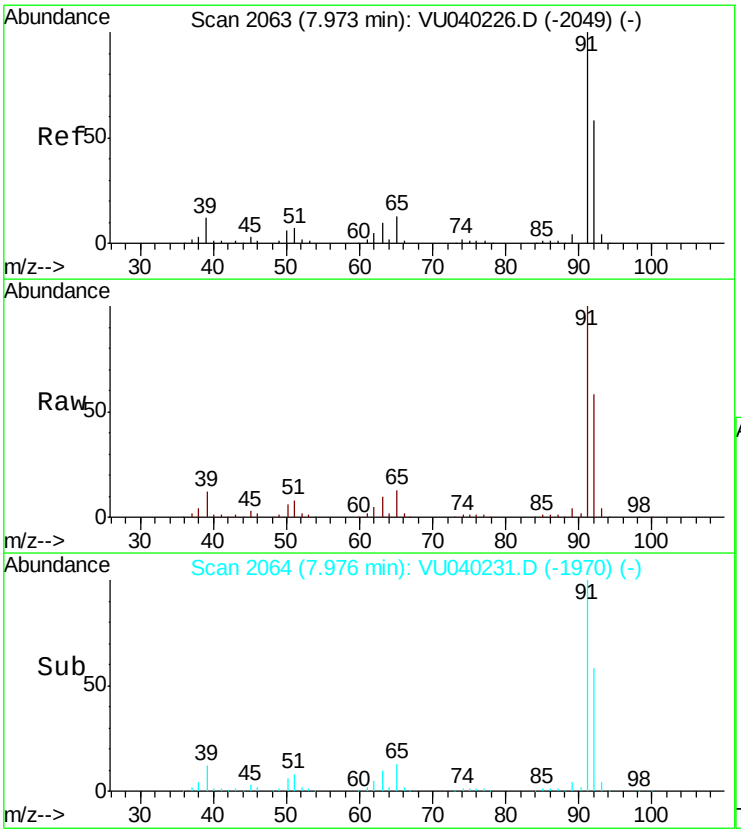
#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument : MSVOA_U
ClientSampleId : BG0Q1

Tgt Ion: 63 Resp: 6140

Ion	Ratio	Lower	Upper
63	100		
112	2.5	3.2	4.8#

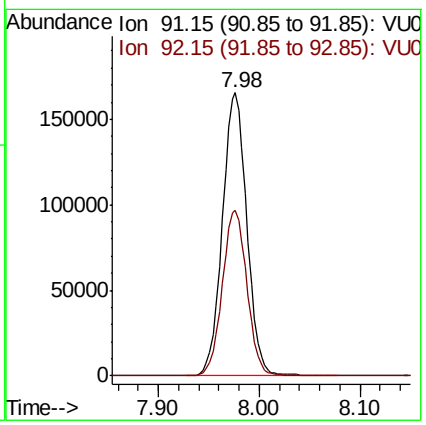


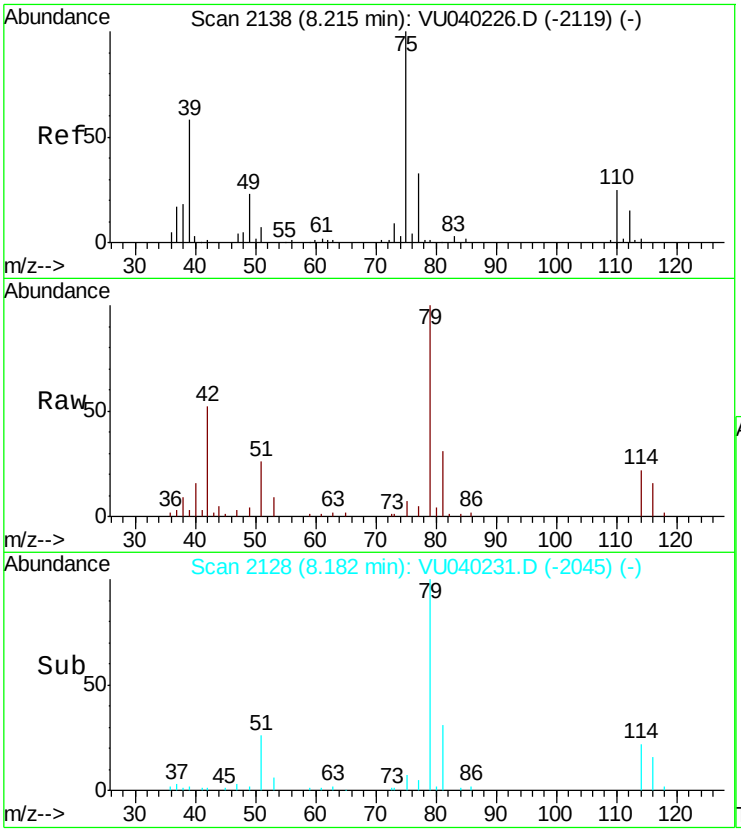


#42
Toluene
Concen: 5.711 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion: 91 Resp: 281134

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.7	75.5



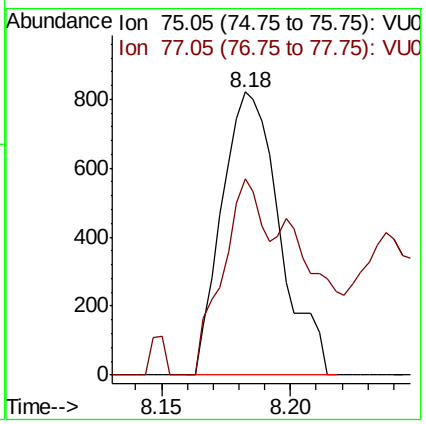


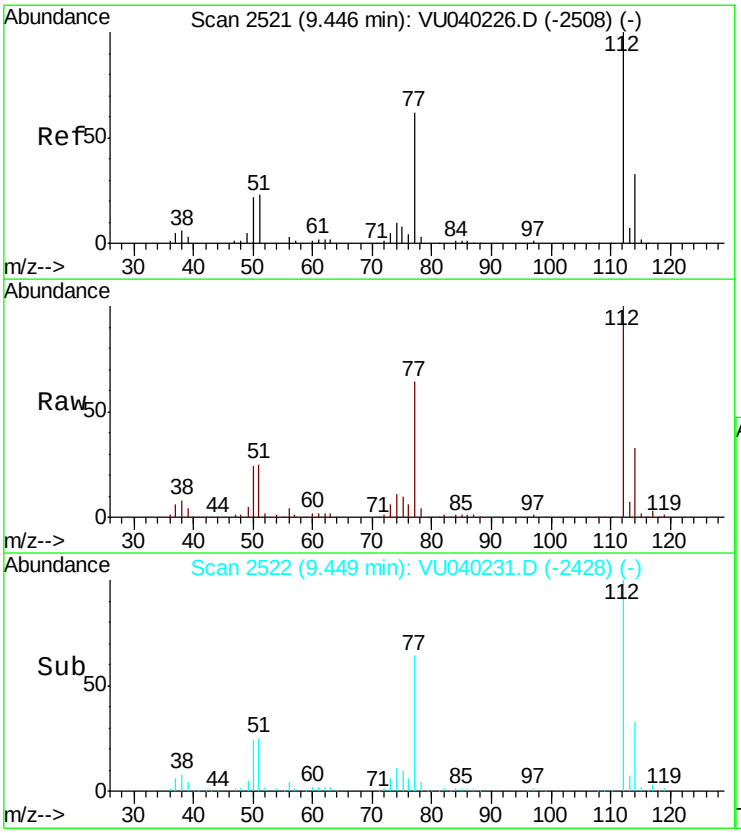
#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tgt Ion: 75 Resp: 1284

Ion	Ratio	Lower	Upper
75	100		
77	69.2	23.9	44.3#

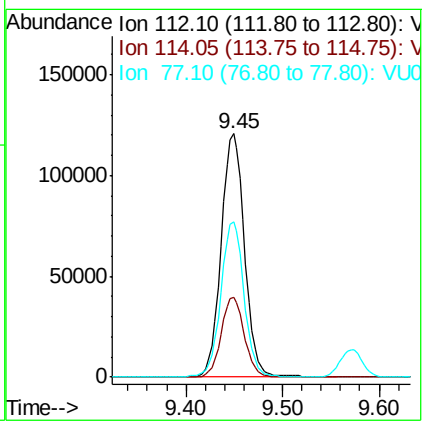


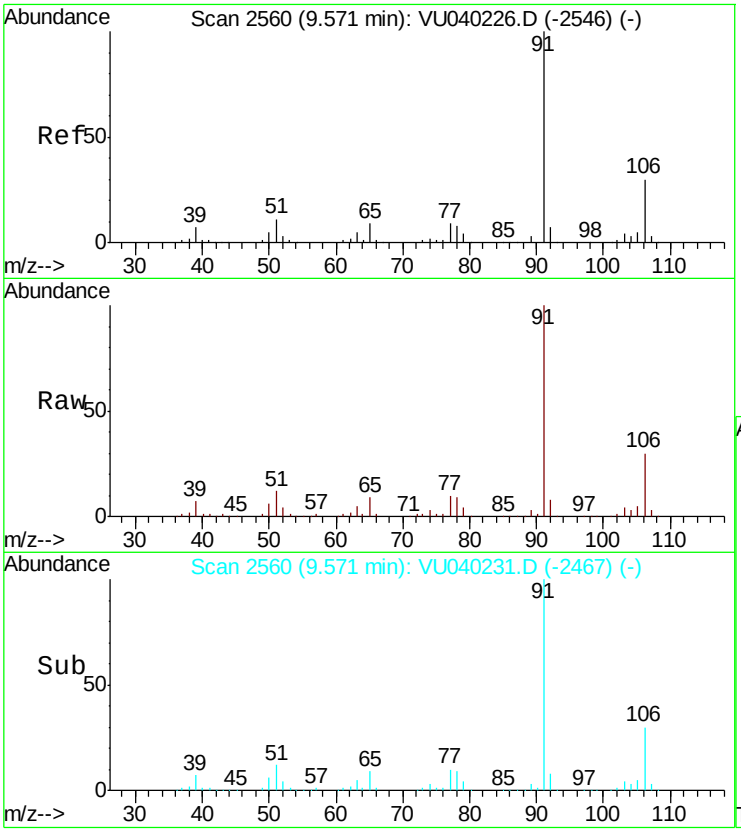


#51
Chlorobenzene
Concen: 6.621 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion:112 Resp: 202355

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.3
77	63.9	53.2	79.8



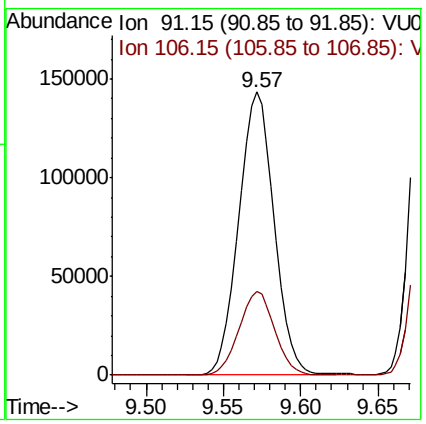


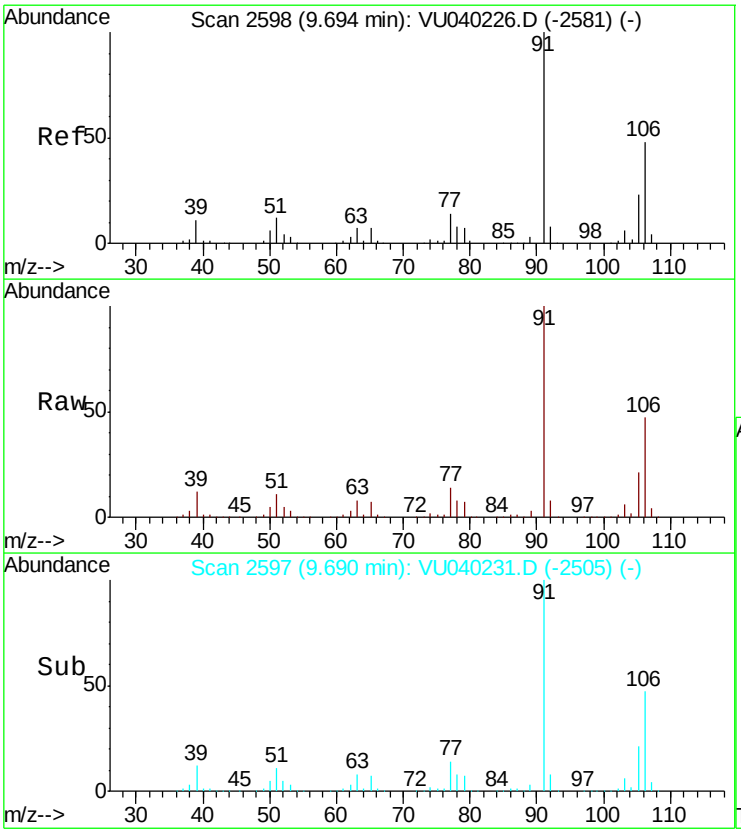
#52
Ethylbenzene
Concen: 4.085 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tgt Ion: 91 Resp: 228481

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.0	39.0

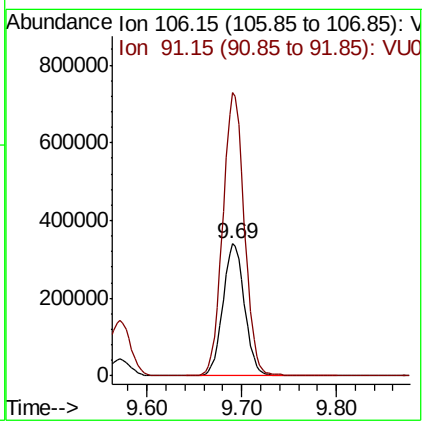


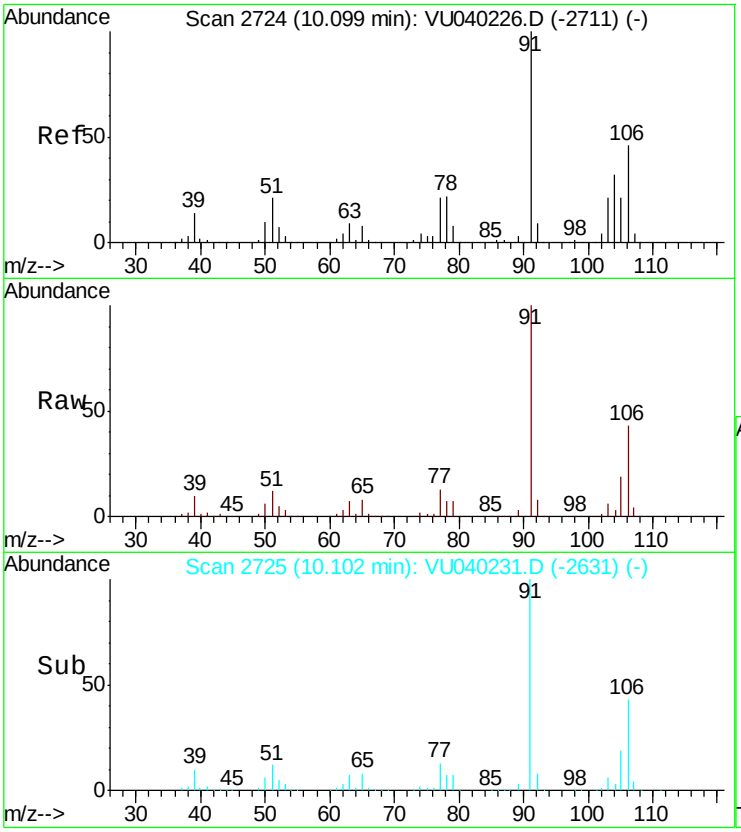


#53
m,p-Xylene
Concen: 27.102 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion:106 Resp: 539712

Ion	Ratio	Lower	Upper
106	100		
91	214.4	151.7	281.7



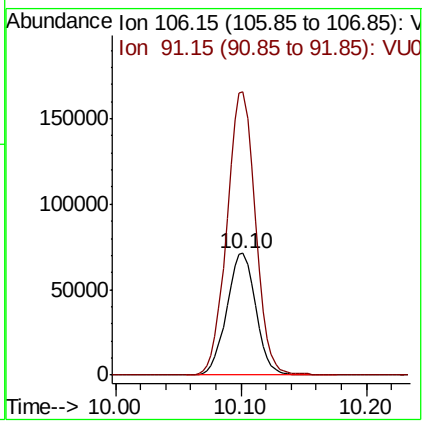


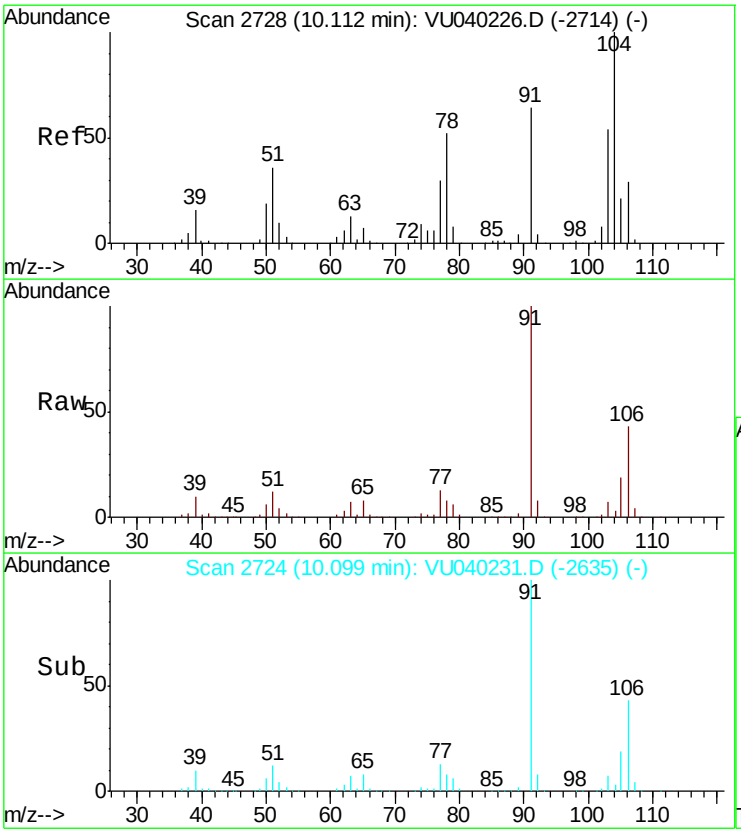
#54
o-Xylene
Concen: 6.040 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tgt Ion:106 Resp: 114627

Ion	Ratio	Lower	Upper
106	100		
91	232.2	160.8	298.6

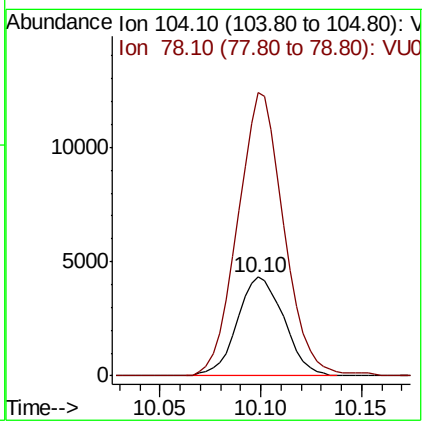


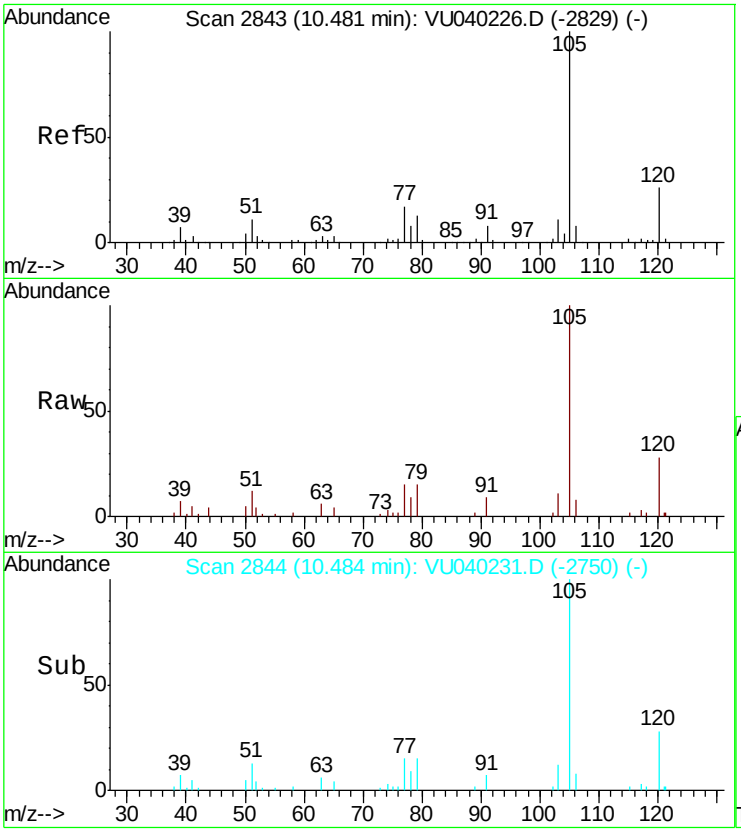


#55
Styrene
Concen: 0.212 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.01 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion:104 Resp: 7011

Ion	Ratio	Lower	Upper
104	100		
78	286.8	36.8	68.3#



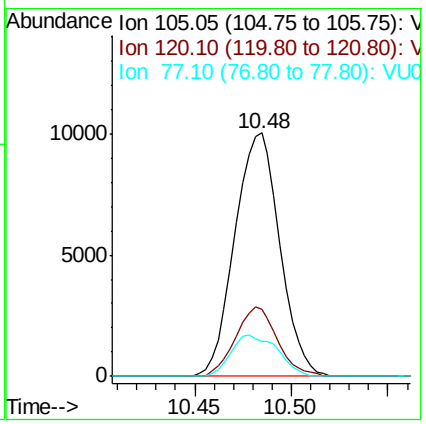


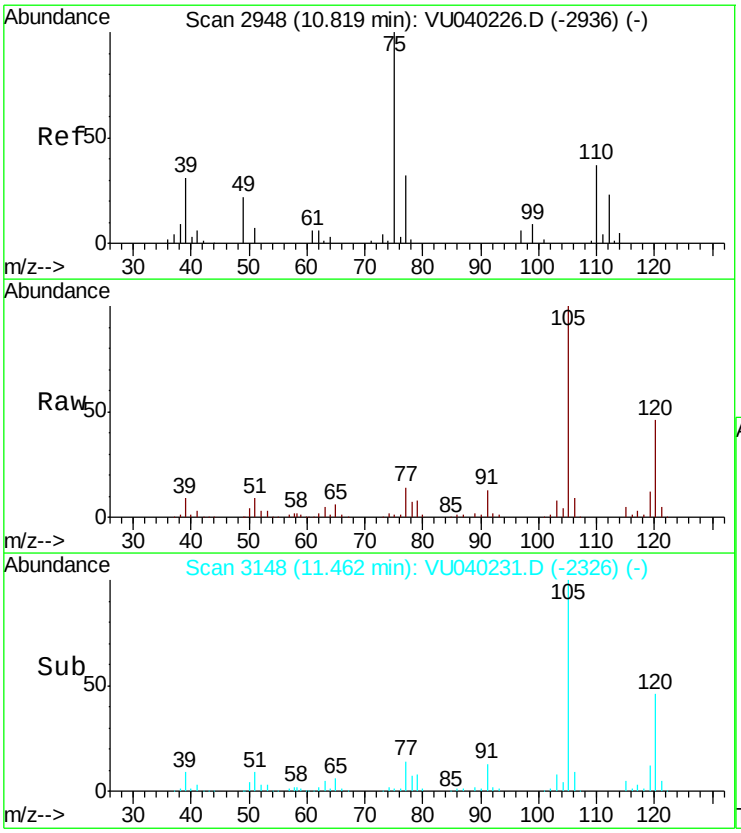
#56
Isopropylbenzene
Concen: 0.314 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument : MSVOA_U
ClientSampleId : BG0Q1

Tgt Ion:105 Resp: 16240

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.1	30.1
77	17.5	14.4	21.6

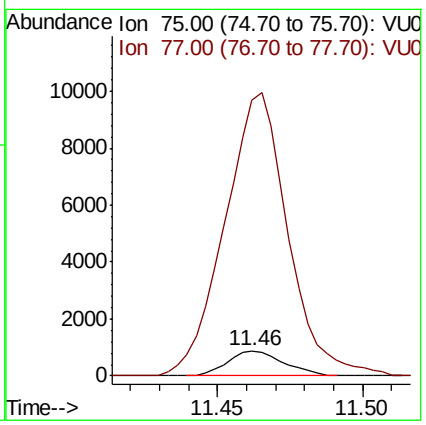


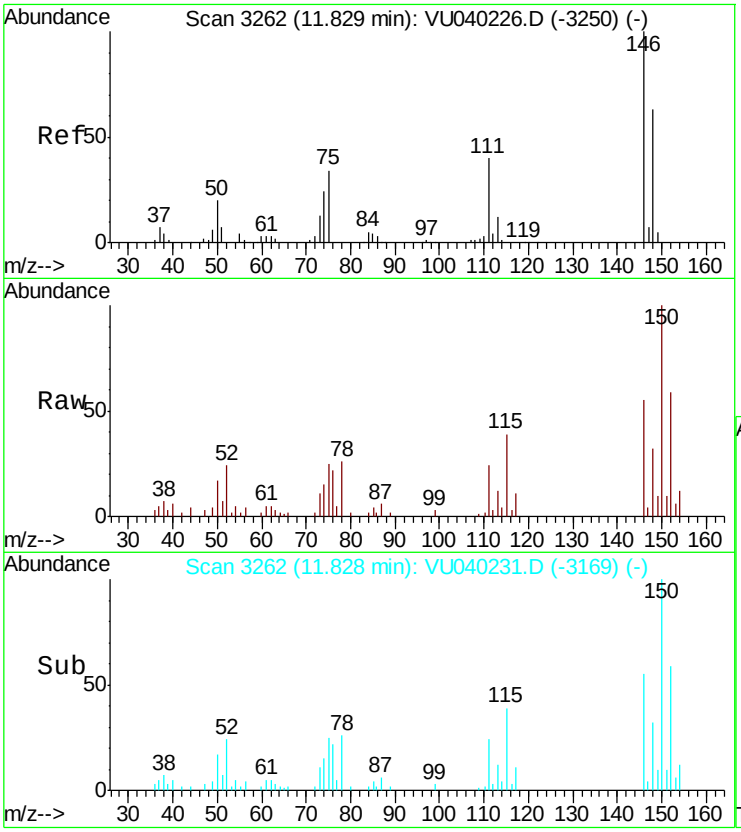


#59
1,2,3-Trichloropropane
Concen: 0.121 ug/L
RT: 11.46 min Scan# 3148
Delta R.T. 0.64 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion: 75 Resp: 1162

Ion	Ratio	Lower	Upper
75	100		
77	1294.8	24.9	37.3#



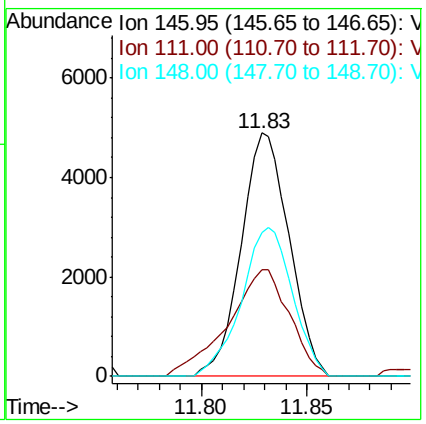


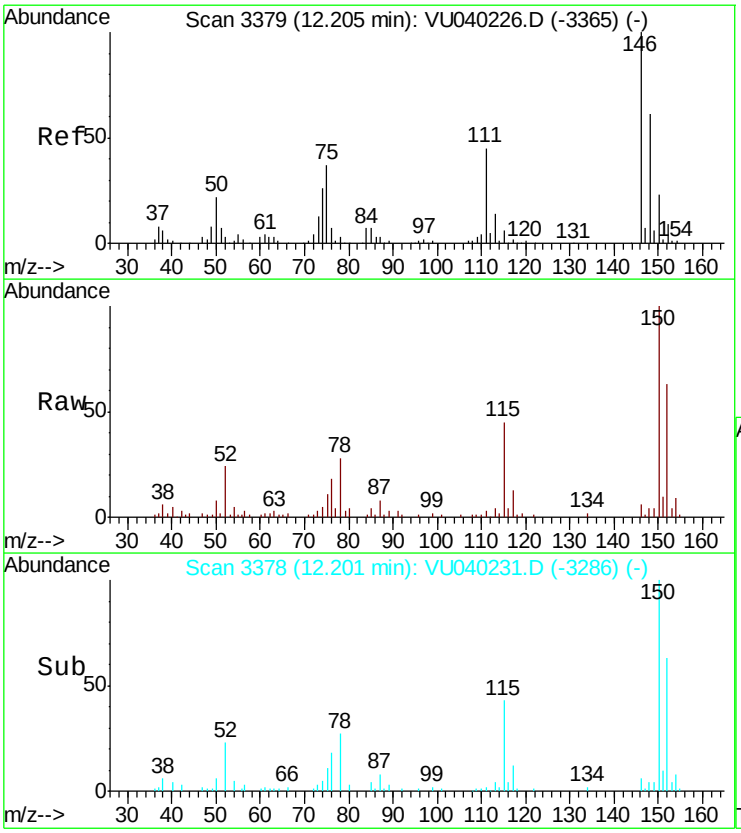
#63
1,4-Dichlorobenzene
Concen: 0.323 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tgt Ion:146 Resp: 7736

Ion	Ratio	Lower	Upper
146	100		
111	44.1	30.5	56.7
148	59.2	45.4	84.4

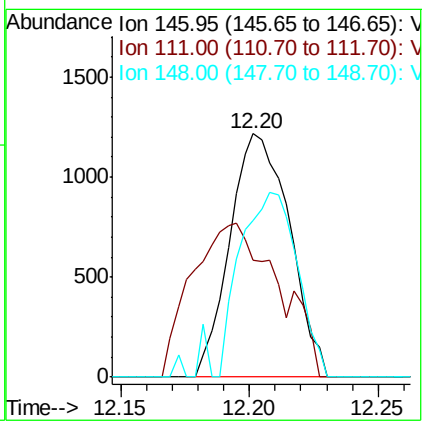


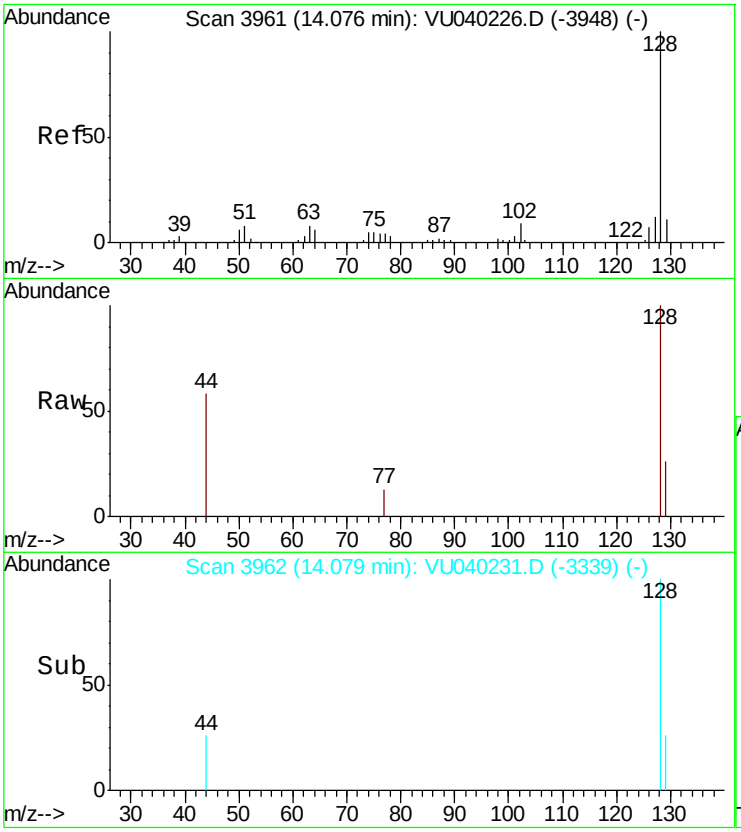


#65
1,2-Dichlorobenzene
Concen: 0.085 ug/L
RT: 12.20 min Scan# 3378
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion:146 Resp: 1955

Ion	Ratio	Lower	Upper
146	100		
111	48.0	36.5	54.7
148	64.1	48.6	72.8





#69
Naphthalene
Concen: 0.053 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tgt Ion:128 Resp: 1578

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	2.5	10.7	16.1#