Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040336.D
Acq On : 28 Sep 2020 17:09
Operator : SY/MD
Sample : L4147-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSH8

Quant Time: Sep 29 07:27:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133983	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62282	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36325	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.92	69	33759	5.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.80%			
11) 1,1-Dichloroethene-d2	2.58	63	59830	3.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.80%			
20) 2-Butanone-d5	4.65	46	160903	54.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.98%			
24) Chloroform-d	5.08	84	79872	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.72	65	49129	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.74	84	154595	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.70	67	51376	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.91	98	125969	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	8.19	79	19272	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	8.64	63	119174	53.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44187	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50477	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	24726	1.942	ug/L	99
8) Chloroethane	1.94	64	477	0.061	ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	541	0.045	ug/L #	22
13) Acetone	2.65	43	21598	7.974	ug/L	97
15) Methyl Acetate	2.97	43	1236	0.182	ug/L #	54
21) 2-Butanone	4.74	43	3463	0.783	ug/L	84
25) Chloroform	5.11	83	3565	0.152	ug/L	95
34) Trichloroethene	6.26	95	2341	0.184	ug/L #	9
35) Methylcyclohexane	6.70	83	12253	0.629	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6185	0.481	ug/L #	88
42) Toluene	7.98	91	2039	0.042	ug/L	94
44) trans-1,3-Dichloropropene	8.18	75	951	0.054	ug/L #	76
48) 2-Hexanone	8.69	43	5268	0.685	ug/L #	94
59) 1,2,3-Trichloropropane	11.81	75	9151	0.961	ug/L	91
62) 1,3-Dichlorobenzene	11.74	146	1199	0.053	ug/L	83
63) 1,4-Dichlorobenzene	11.83	146	1289	0.056	ug/L	84
65) 1,2-Dichlorobenzene	12.20	146	1176	0.053	ug/L #	88

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040336.D
Acq On : 28 Sep 2020 17:09
Operator : SY/MD
Sample : L4147-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSH8

Quant Time: Sep 29 07:27:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
67) 1,3,5-Trichlorobenzene	13.83	180	1780	0.111 ug/L	92
68) 1,2,4-trichlorobenzene	13.83	180	1780	0.129 ug/L	92
69) Naphthalene	14.08	128	6618	0.230 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	2051	0.162 ug/L	91

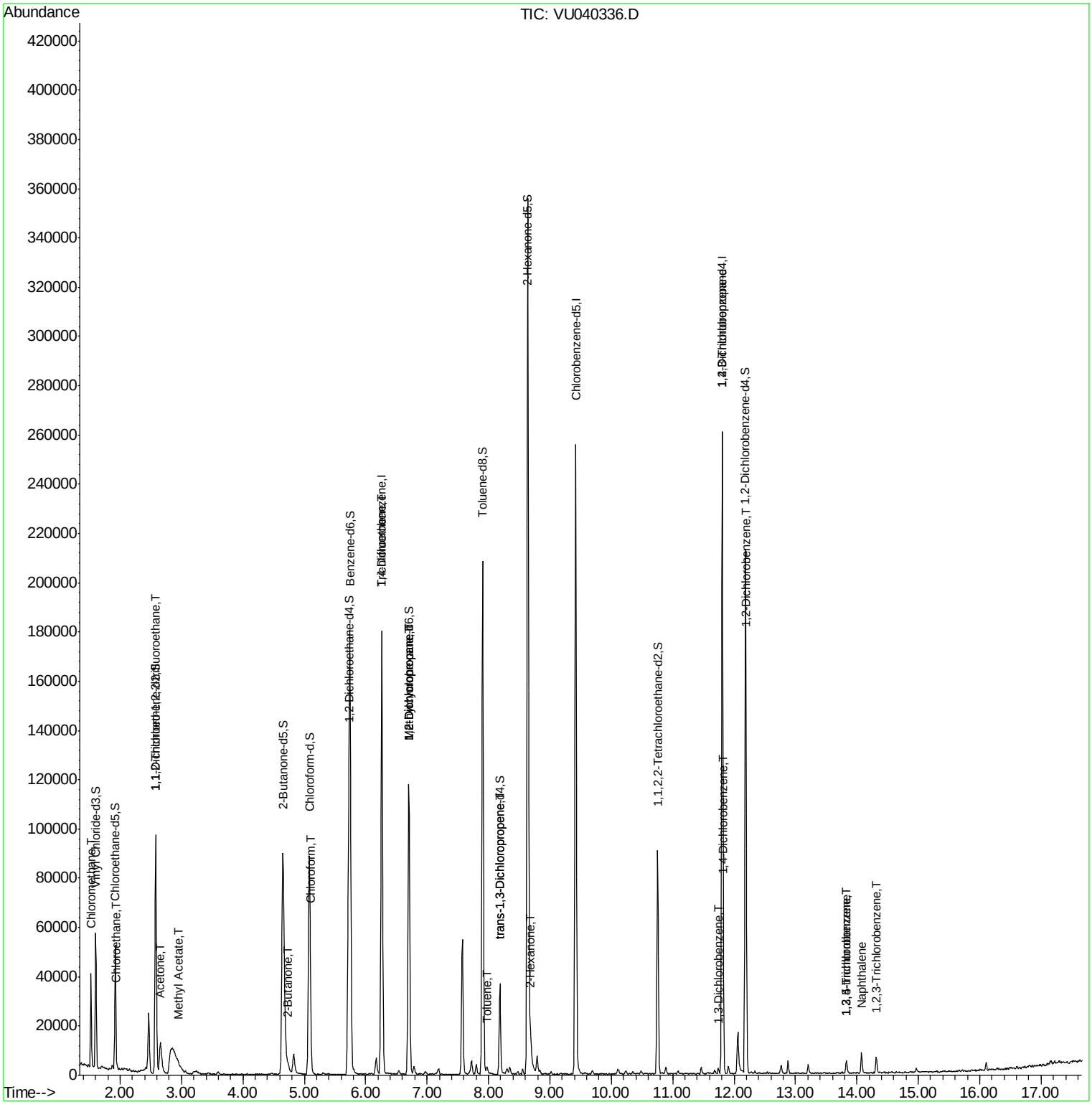
(#) = qualifier out of range (m) = manual integration (+) = signals summed

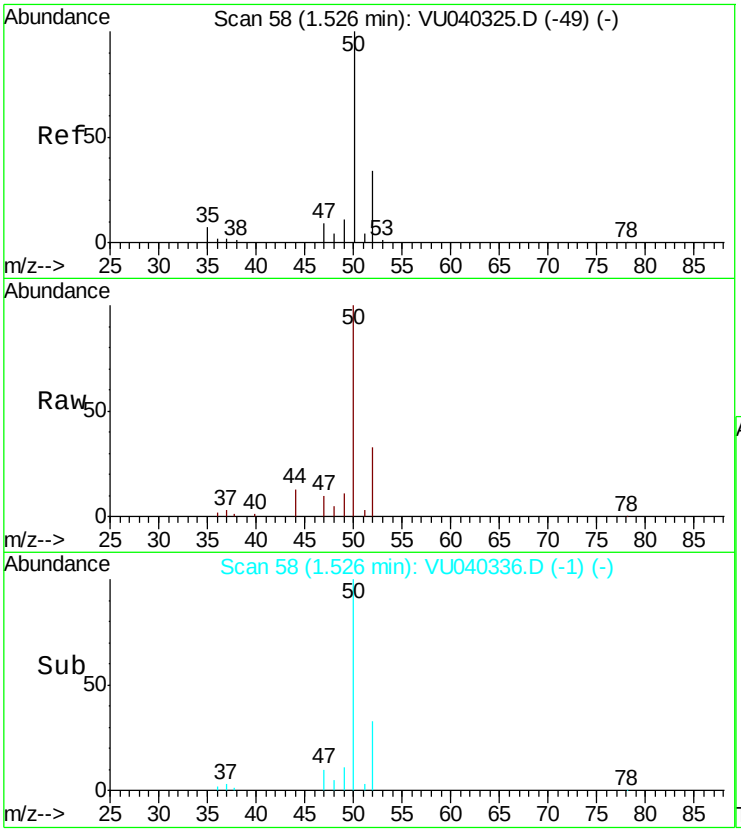
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
Data File : VU040336.D
Acq On : 28 Sep 2020 17:09
Operator : SY/MD
Sample : L4147-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSH8

Quant Time: Sep 29 07:27:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration



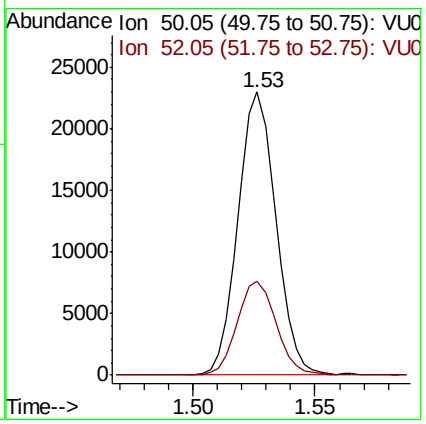


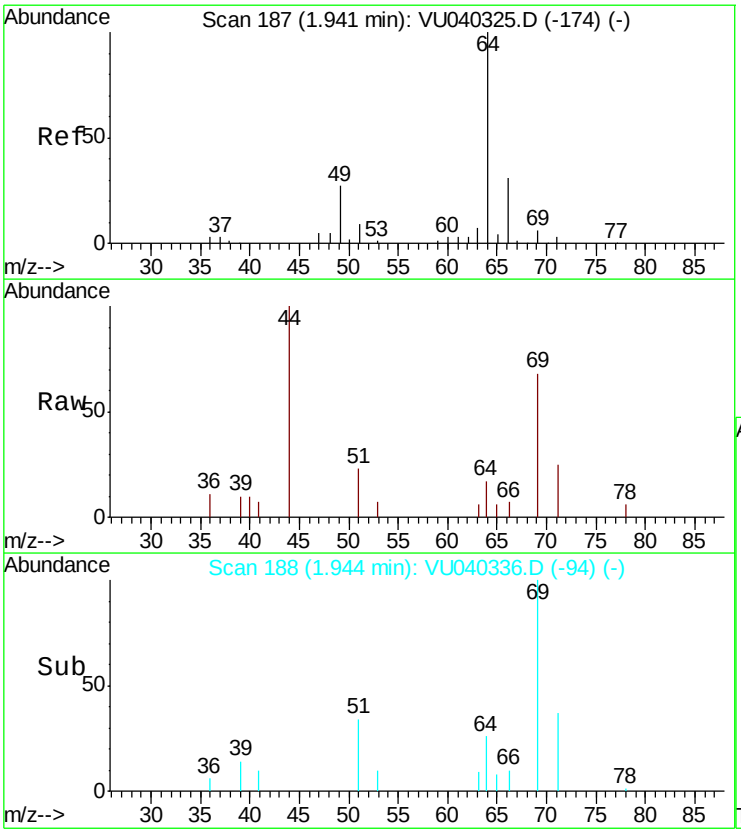
#3
Chloromethane
Concen: 1.942 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument :
MSVOA_U
ClientSampleId :
BFSH8

Tgt Ion: 50 Resp: 24726

Ion	Ratio	Lower	Upper
50	100		
52	33.0	22.8	42.4

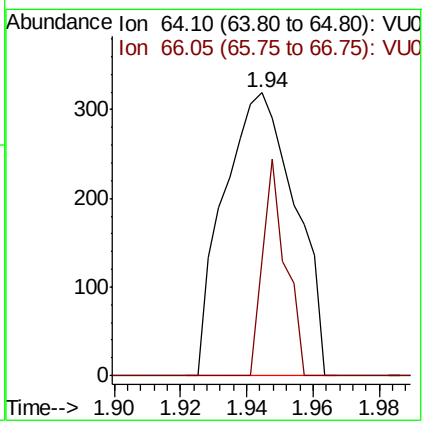


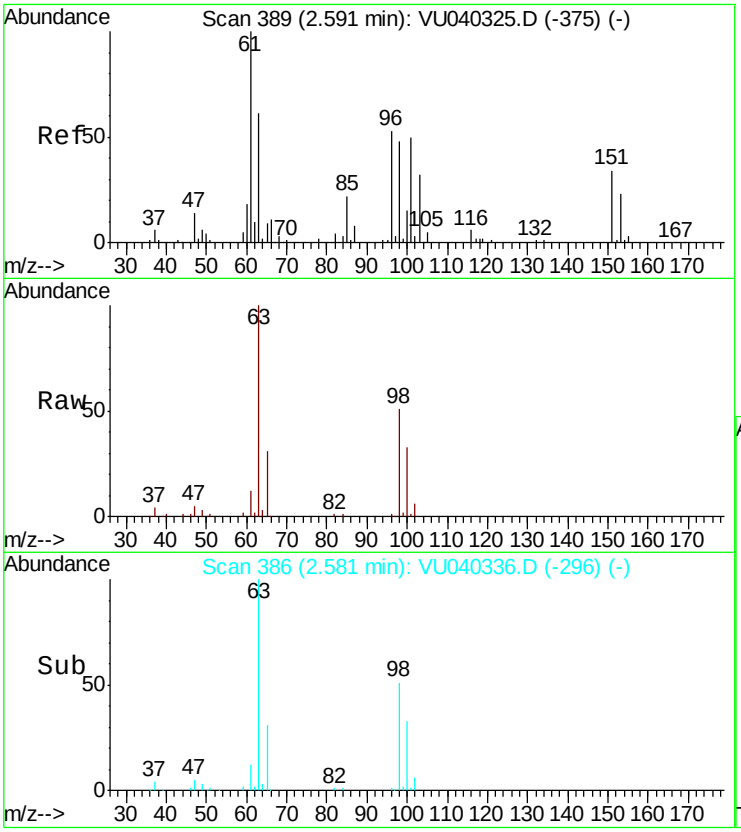


#8
Chloroethane
Concen: 0.061 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion: 64 Resp: 477

Ion	Ratio	Lower	Upper
64	100		
66	40.8	22.7	42.1



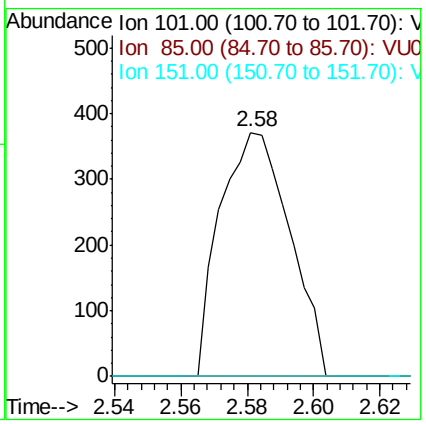


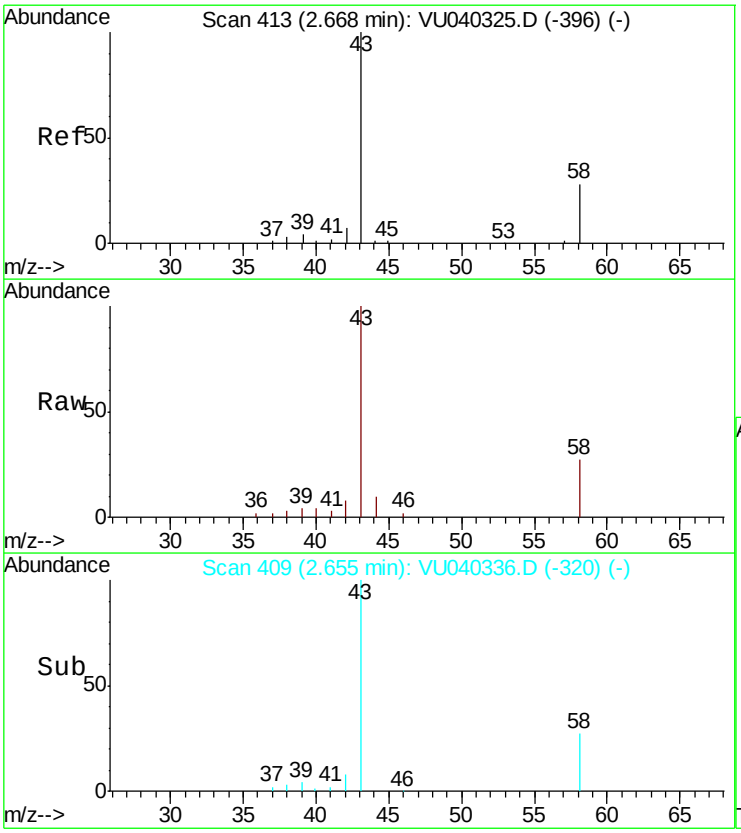
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument :
MSVOA_U
ClientSampleId :
BFSH8

Tgt Ion:101 Resp: 541

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.7	56.5#
151	0.0	53.9	80.9#

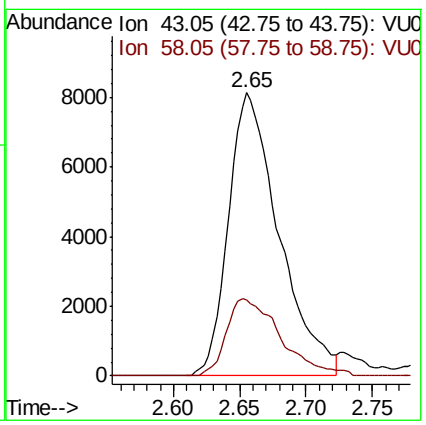


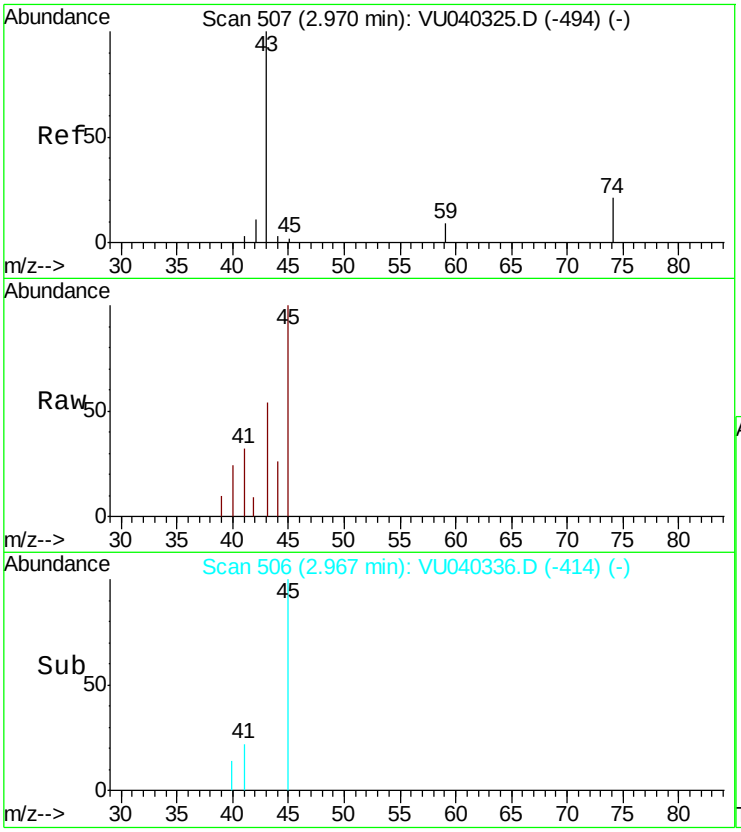


#13
Acetone
Concen: 7.974 ug/L
RT: 2.65 min Scan# 409
Delta R.T. -0.01 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion: 43 Resp: 21598

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	55.4



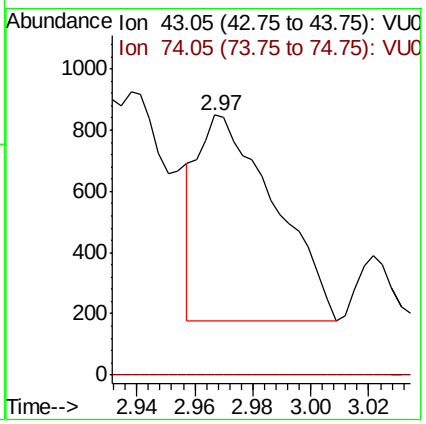


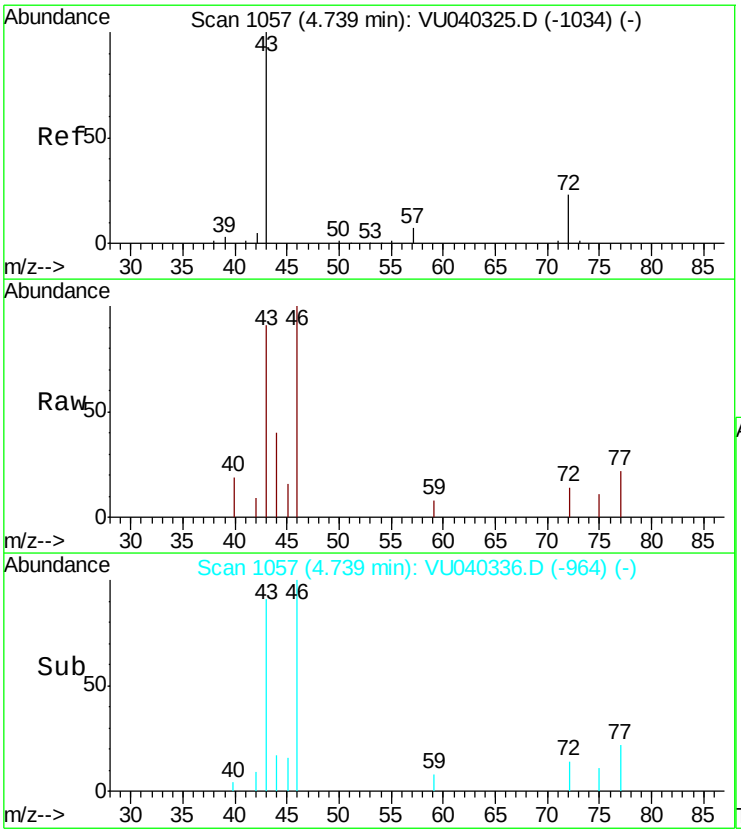
#15
Methyl Acetate
Concen: 0.182 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument :
MSVOA_U
ClientSampleId :
BFSH8

Tgt Ion: 43 Resp: 1236

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.0#

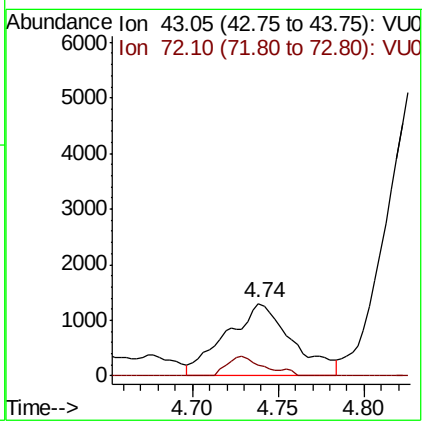


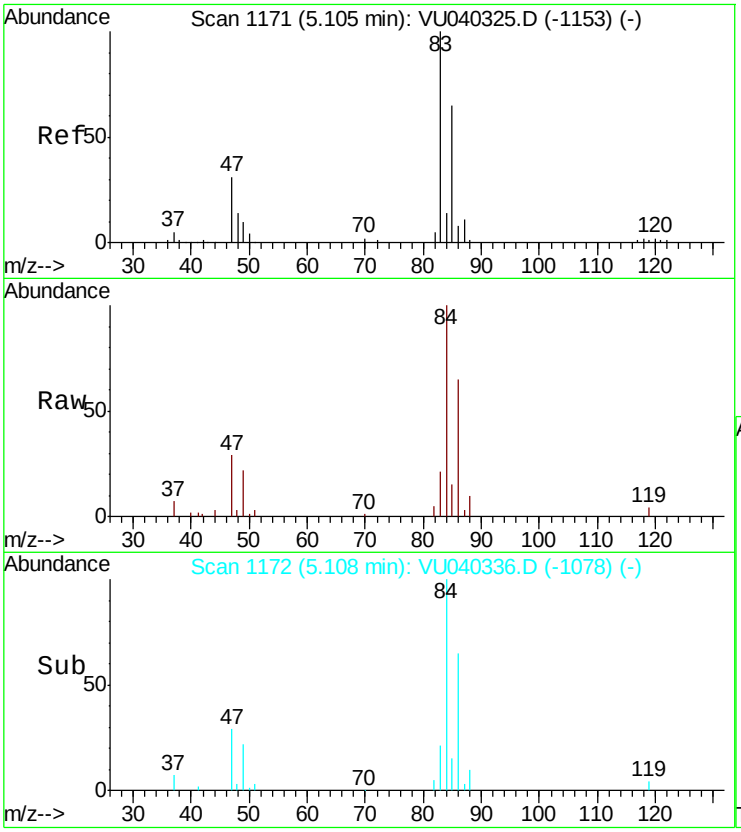


#21
2-Butanone
Concen: 0.783 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. -0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion: 43 Resp: 3463

Ion	Ratio	Lower	Upper
43	100		
72	15.4	11.7	35.0



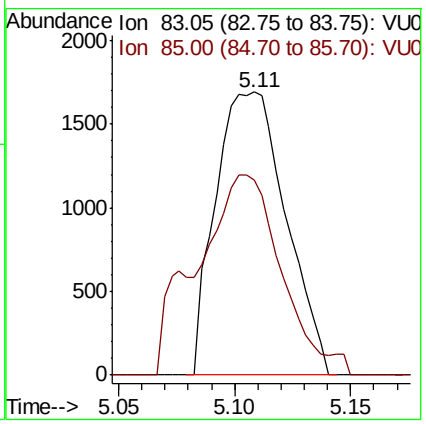


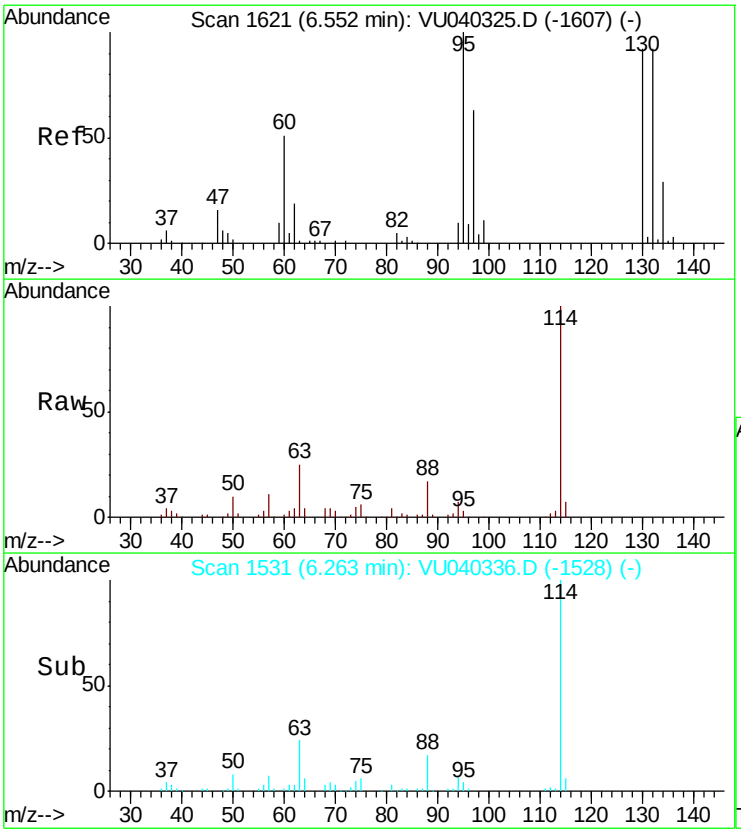
#25
Chloroform
Concen: 0.152 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument : MSVOA_U
ClientSampleId : BFSH8

Tgt Ion: 83 Resp: 3565

Ion	Ratio	Lower	Upper
83	100		
85	68.9	45.3	84.1

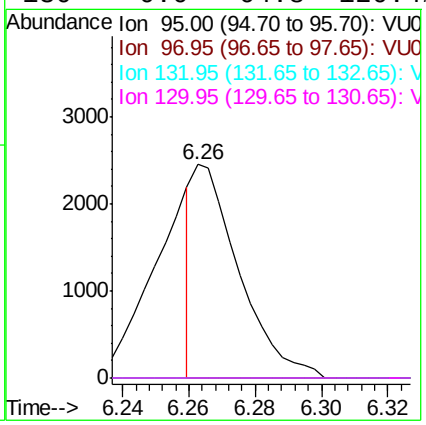


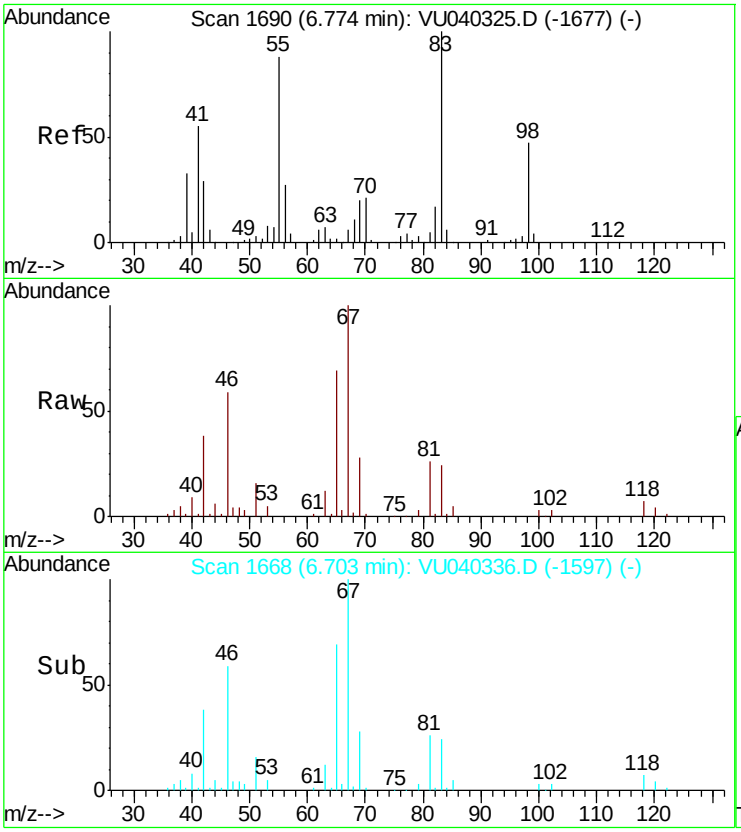


#34
Trichloroethene
Concen: 0.184 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion: 95 Resp: 2341

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.3	80.5#
132	0.0	59.4	110.4#
130	0.0	64.8	120.4#



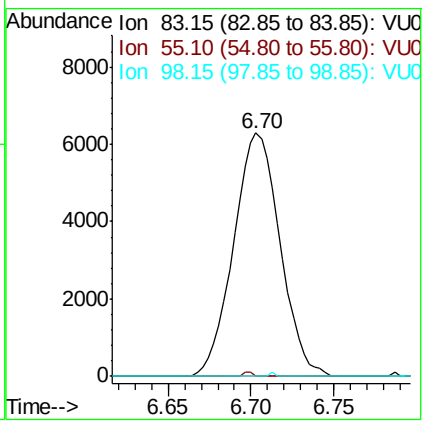


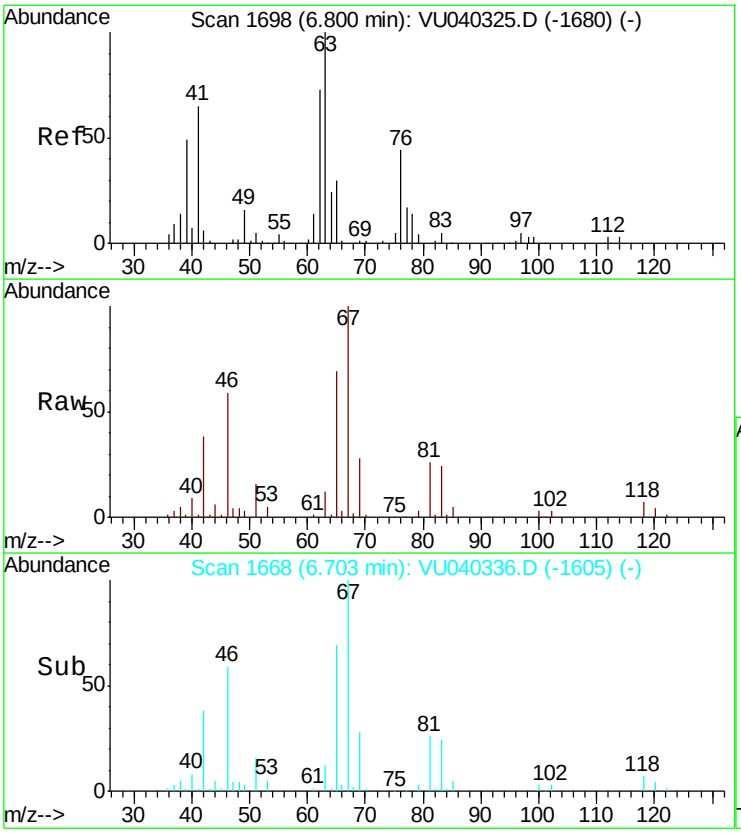
#35
Methylcyclohexane
Concen: 0.629 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument : MSVOA_U
ClientSampleId : BFSH8

Tgt Ion: 83 Resp: 12253

Ion	Ratio	Lower	Upper
83	100		
55	0.4	70.5	105.7#
98	0.2	37.8	56.6#

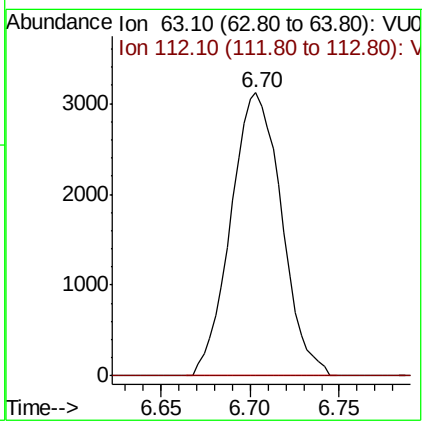


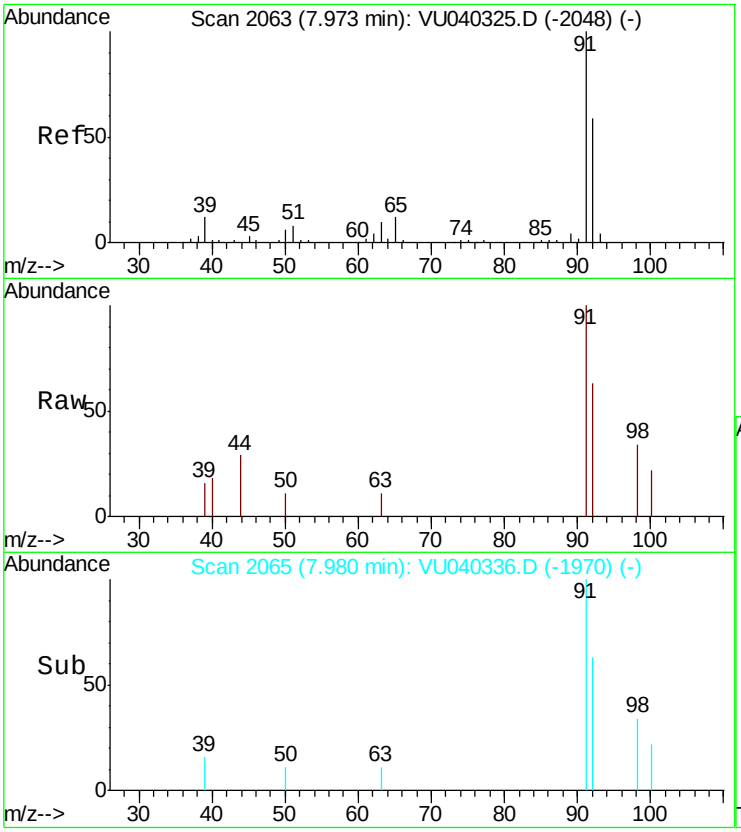


#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion: 63 Resp: 6185

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



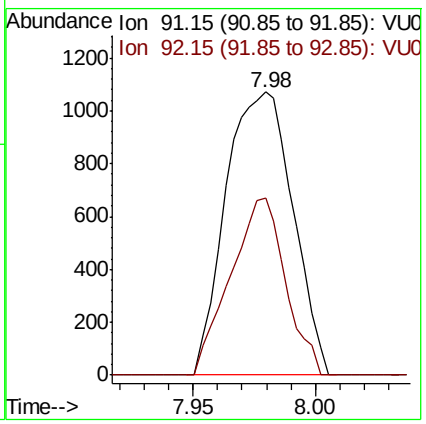


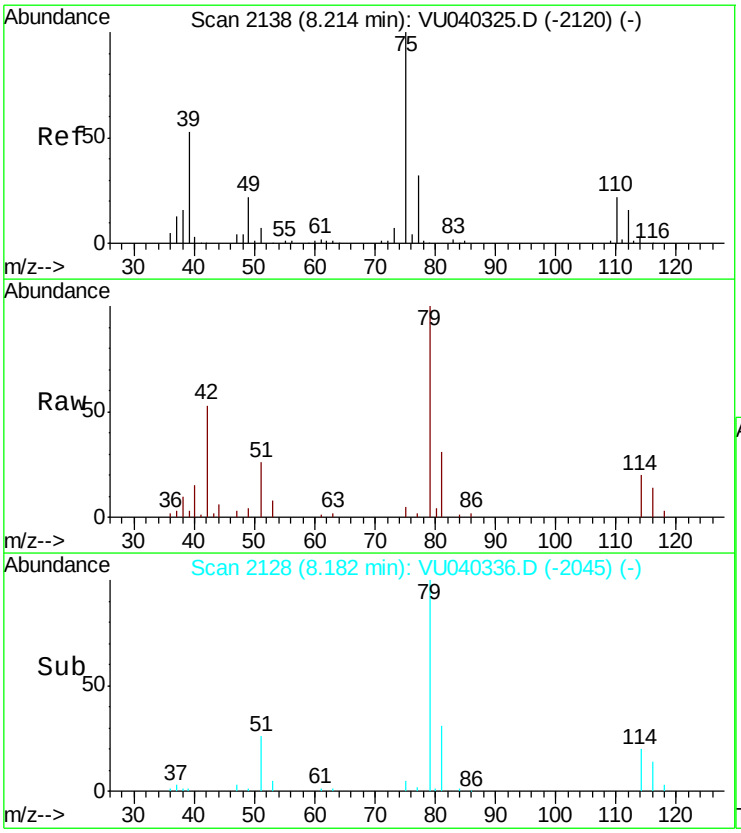
#42
Toluene
Concen: 0.042 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.01 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument : MSVOA_U
ClientSampleId : BFSH8

Tgt Ion: 91 Resp: 2039

Ion	Ratio	Lower	Upper
91	100		
92	62.6	40.7	75.5

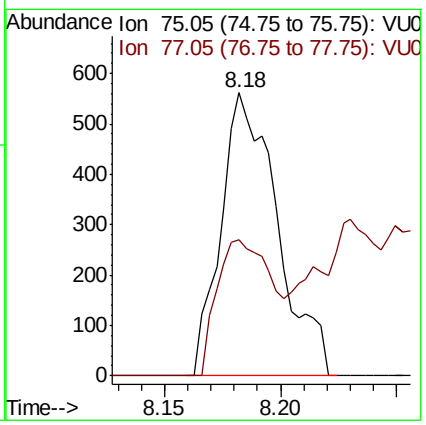


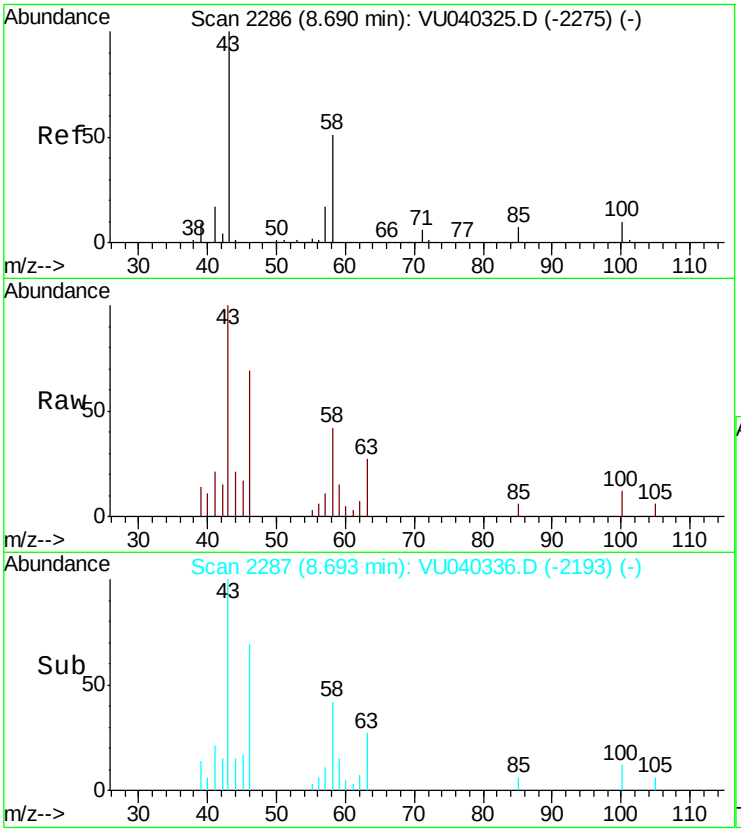


#44
trans-1,3-Dichloropropene
Concen: 0.054 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion: 75 Resp: 951

Ion	Ratio	Lower	Upper
75	100		
77	48.0	23.9	44.3#



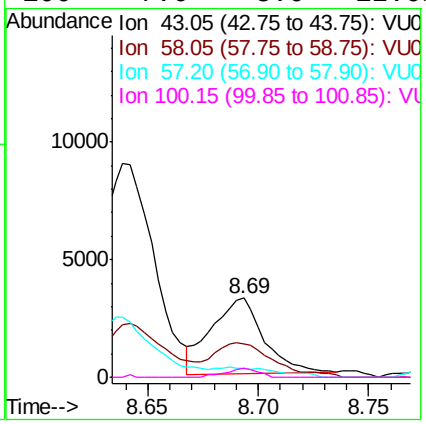


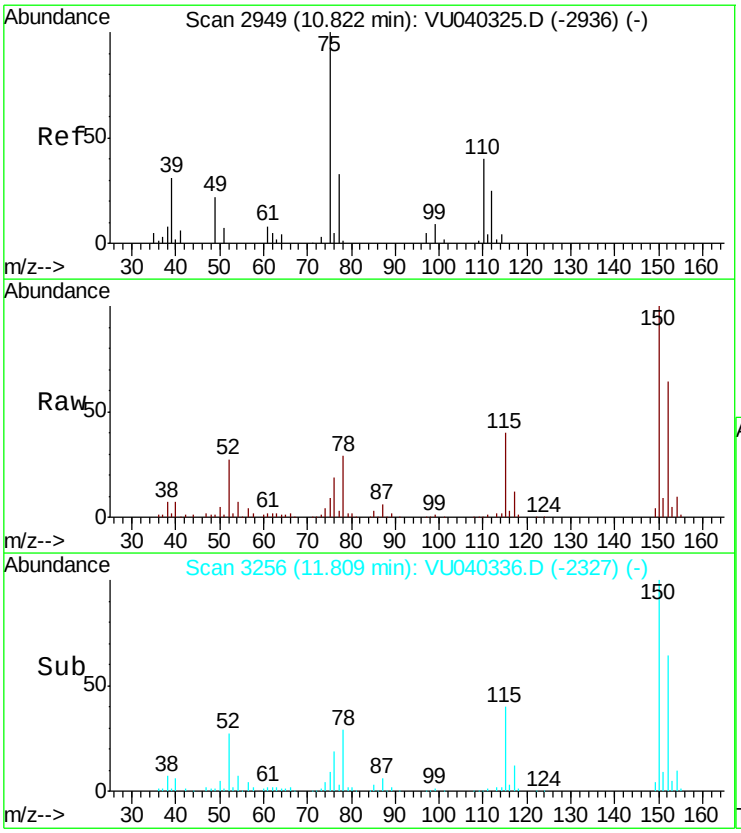
#48
2-Hexanone
Concen: 0.685 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument : MSVOA_U
ClientSampleId : BFSH8

Tgt Ion: 43 Resp: 5268

Ion	Ratio	Lower	Upper
43	100		
58	54.3	39.6	59.4
57	15.7	14.3	21.5
100	7.6	8.0	12.0#

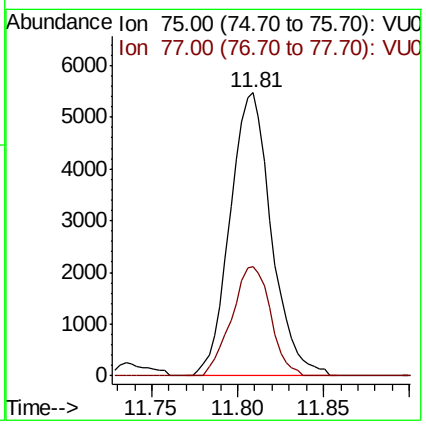


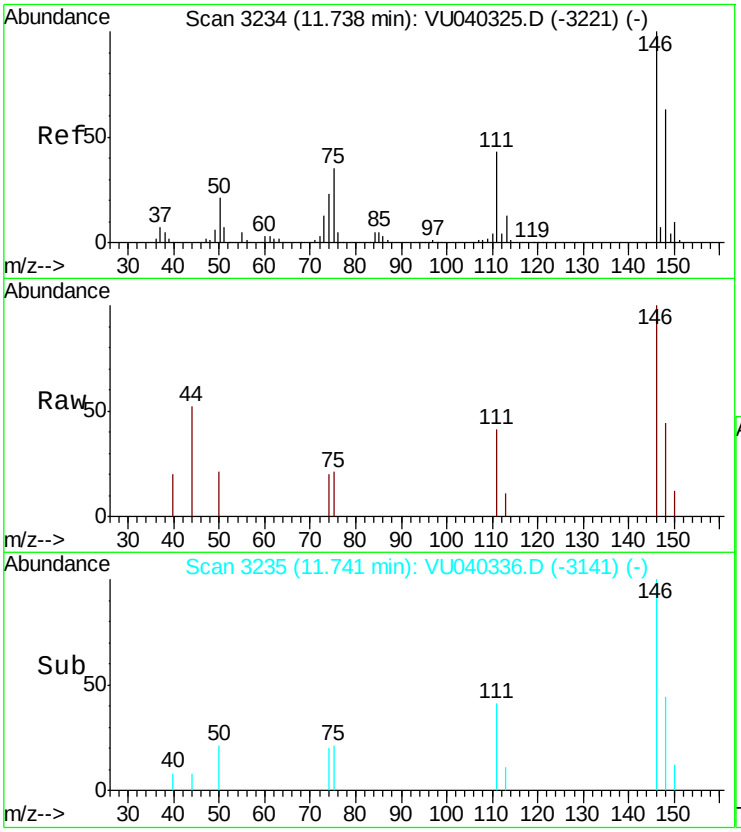


#59
1,2,3-Trichloropropane
Concen: 0.961 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion: 75 Resp: 9151

Ion	Ratio	Lower	Upper
75	100		
77	36.2	24.9	37.3



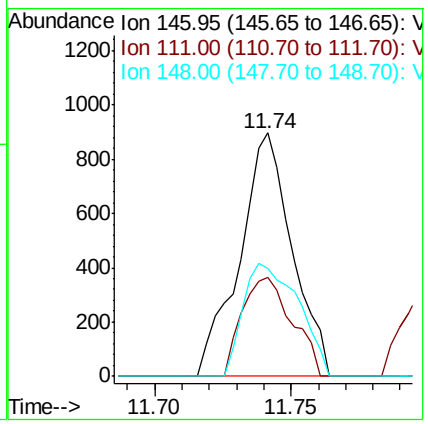


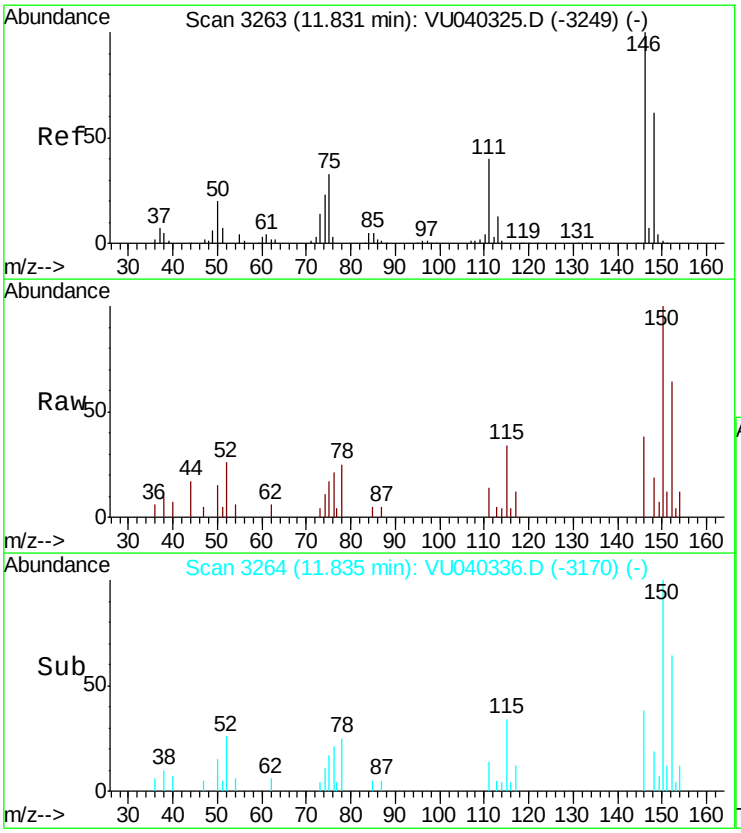
#62
1,3-Dichlorobenzene
Concen: 0.053 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument : MSVOA_U
ClientSampleId : BFSH8

Tgt Ion:146 Resp: 1199

Ion	Ratio	Lower	Upper
146	100		
111	40.8	31.6	58.8
148	44.3	44.2	82.0

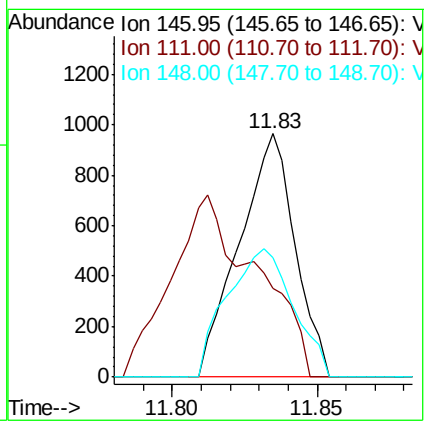


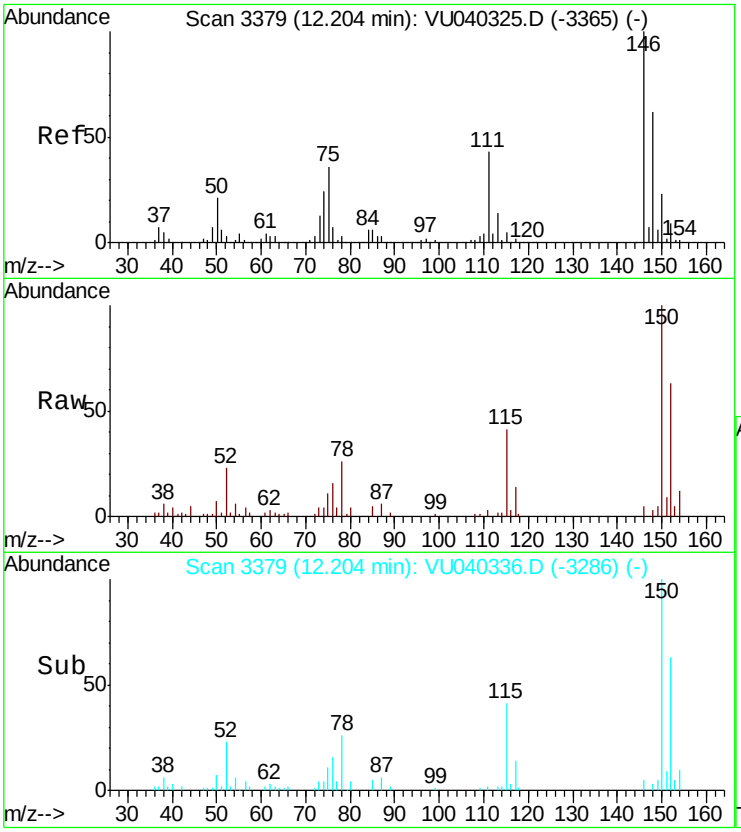


#63
1,4-Dichlorobenzene
Concen: 0.056 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion:146 Resp: 1289

Ion	Ratio	Lower	Upper
146	100		
111	36.7	30.5	56.7
148	49.1	45.4	84.4



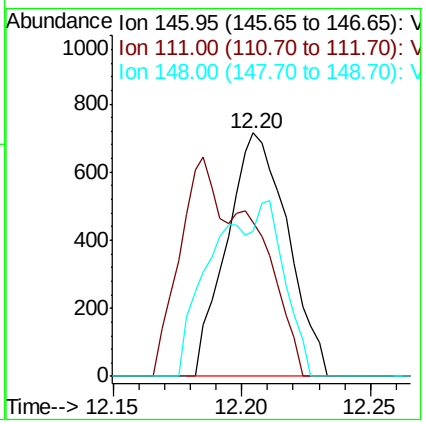


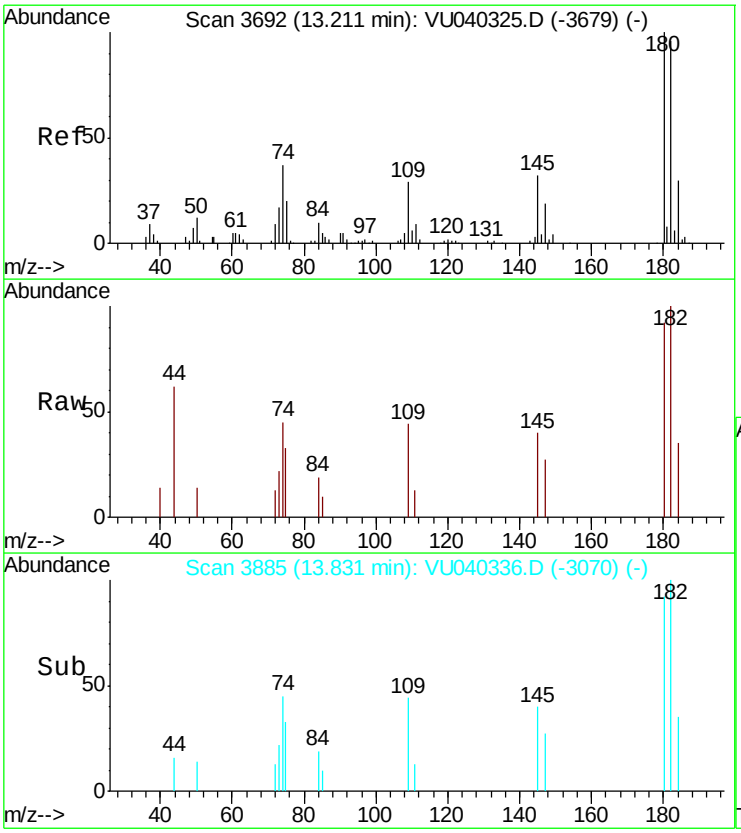
#65
1,2-Dichlorobenzene
Concen: 0.053 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument : MSVOA_U
ClientSampleId : BFSH8

Tgt Ion:146 Resp: 1176

Ion	Ratio	Lower	Upper
146	100		
111	63.5	36.5	54.7#
148	59.9	48.6	72.8

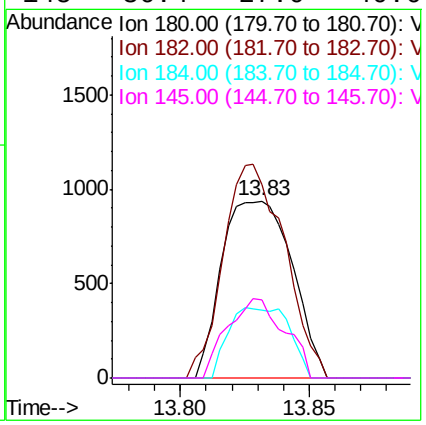


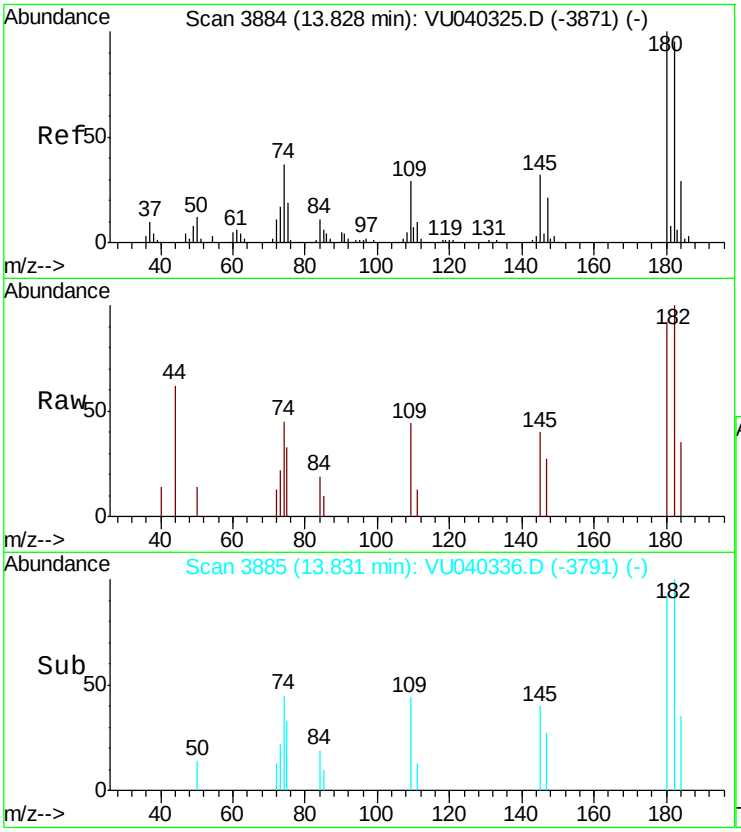


#67
1,3,5-Trichlorobenzene
Concen: 0.111 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.62 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion:180 Resp: 1780

Ion	Ratio	Lower	Upper
180	100		
182	105.2	76.9	115.3
184	34.3	24.6	36.8
145	36.4	27.0	40.6



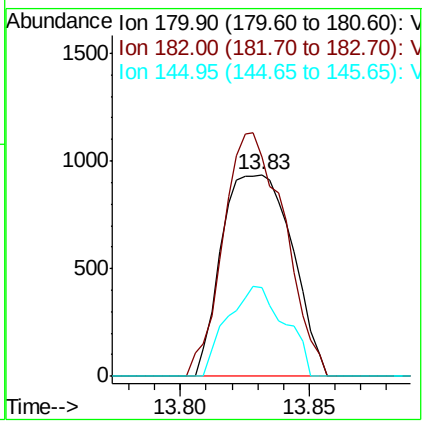


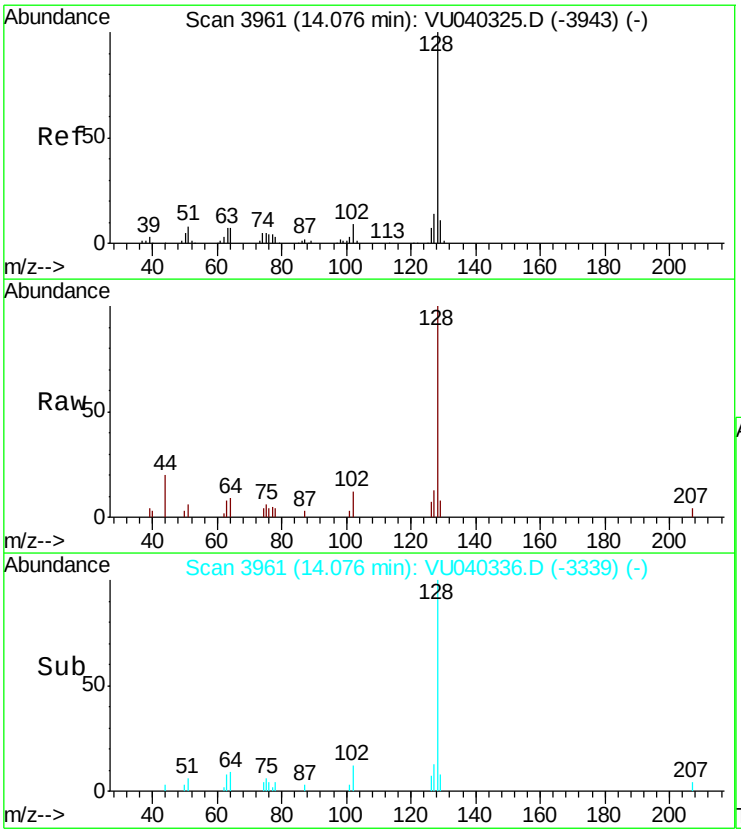
#68
1,2,4-trichlorobenzene
Concen: 0.129 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument :
MSVOA_U
ClientSampleId :
BFSH8

Tgt Ion:180 Resp: 1780

Ion	Ratio	Lower	Upper
180	100		
182	105.2	76.0	114.0
145	36.4	28.4	42.6

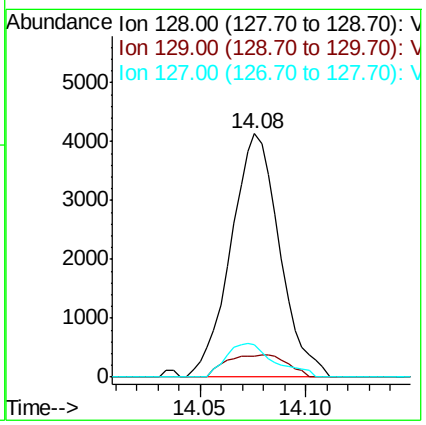


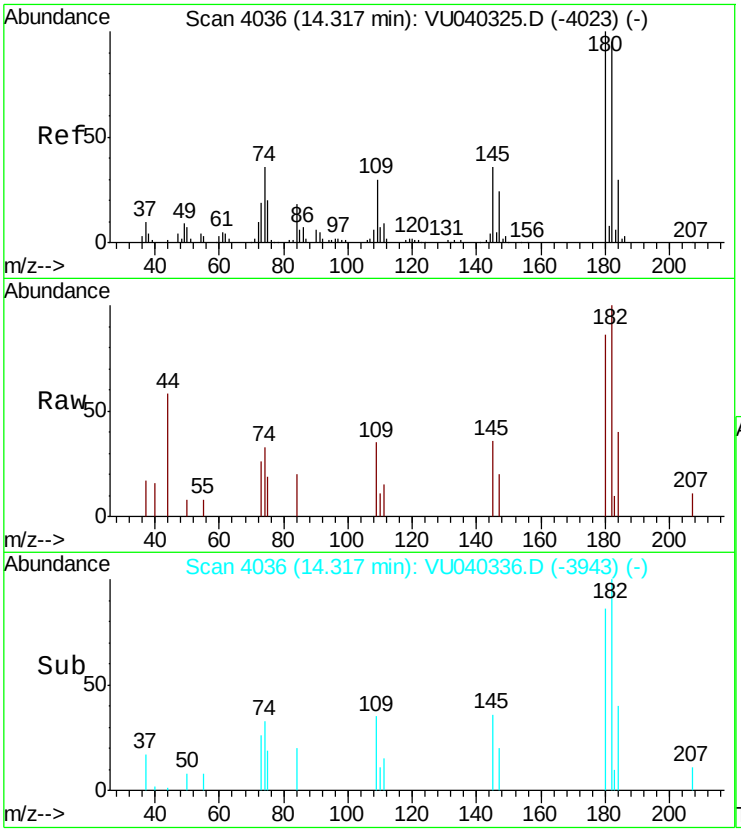


#69
Naphthalene
Concen: 0.230 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Tgt Ion:128 Resp: 6618

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.6	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 0.162 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040336.D
Acq: 28 Sep 2020 17:09

Instrument :
MSVOA_U
ClientSampleId :
BFSH8

Tgt Ion:180 Resp: 2051

Ion	Ratio	Lower	Upper
180	100		
182	107.0	77.8	116.6
145	31.1	28.7	43.1