Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091820\
Data File : VU040203.D
Acq On : 18 Sep 2020 12:10
Operator : SY/MD
Sample : L4046-08DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P6DL

Quant Time: Sep 18 23:22:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136283	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57181	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32326	4.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.80%			
7) Chloroethane-d5	1.92	69	32339	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.58	63	58314	3.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.00%			
20) 2-Butanone-d5	4.66	46	158861	53.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.76%			
24) Chloroform-d	5.09	84	82007	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.72	65	53238	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.74	84	150798	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.70	67	51227	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.91	98	121742	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	8.19	79	21209	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.64	63	114820	51.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46770	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50997	5.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	988	0.125	ug/L #	76
13) Acetone	2.39	43	9384	3.406	ug/L	53
16) Methylene chloride	3.07	84	3274	0.237	ug/L	97
25) Chloroform	5.11	83	5709	0.239	ug/L	92
27) 1,2-Dichloroethane	5.79	62	4225	0.241	ug/L #	78
33) Benzene	5.79	78	401339	8.437	ug/L	100
35) Methylcyclohexane	6.70	83	12295	0.629	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	6047	0.469	ug/L #	88
42) Toluene	7.98	91	1729	0.035	ug/L	97
44) trans-1,3-Dichloropropene	8.18	75	1081	0.061	ug/L #	48
51) Chlorobenzene	9.45	112	86679	2.850	ug/L	96
53) m,p-Xylene	9.70	106	1549	0.078	ug/L	94
54) o-Xylene	10.10	106	3049	0.161	ug/L	97
56) Isopropylbenzene	10.48	105	8184	0.159	ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	9158	0.960	ug/L #	87
63) 1,4-Dichlorobenzene	11.83	146	1445	0.068	ug/L	89
69) Naphthalene	14.08	128	1497	0.057	ug/L #	83

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091820\
Data File : VU040203.D
Acq On : 18 Sep 2020 12:10
Operator : SY/MD
Sample : L4046-08DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P6DL

Quant Time: Sep 18 23:22:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 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\VU091820\
Data File : VU040203.D
Acq On : 18 Sep 2020 12:10
Operator : SY/MD
Sample : L4046-08DL 25X
Misc : 25.0mL/MSVOA_U/WATER
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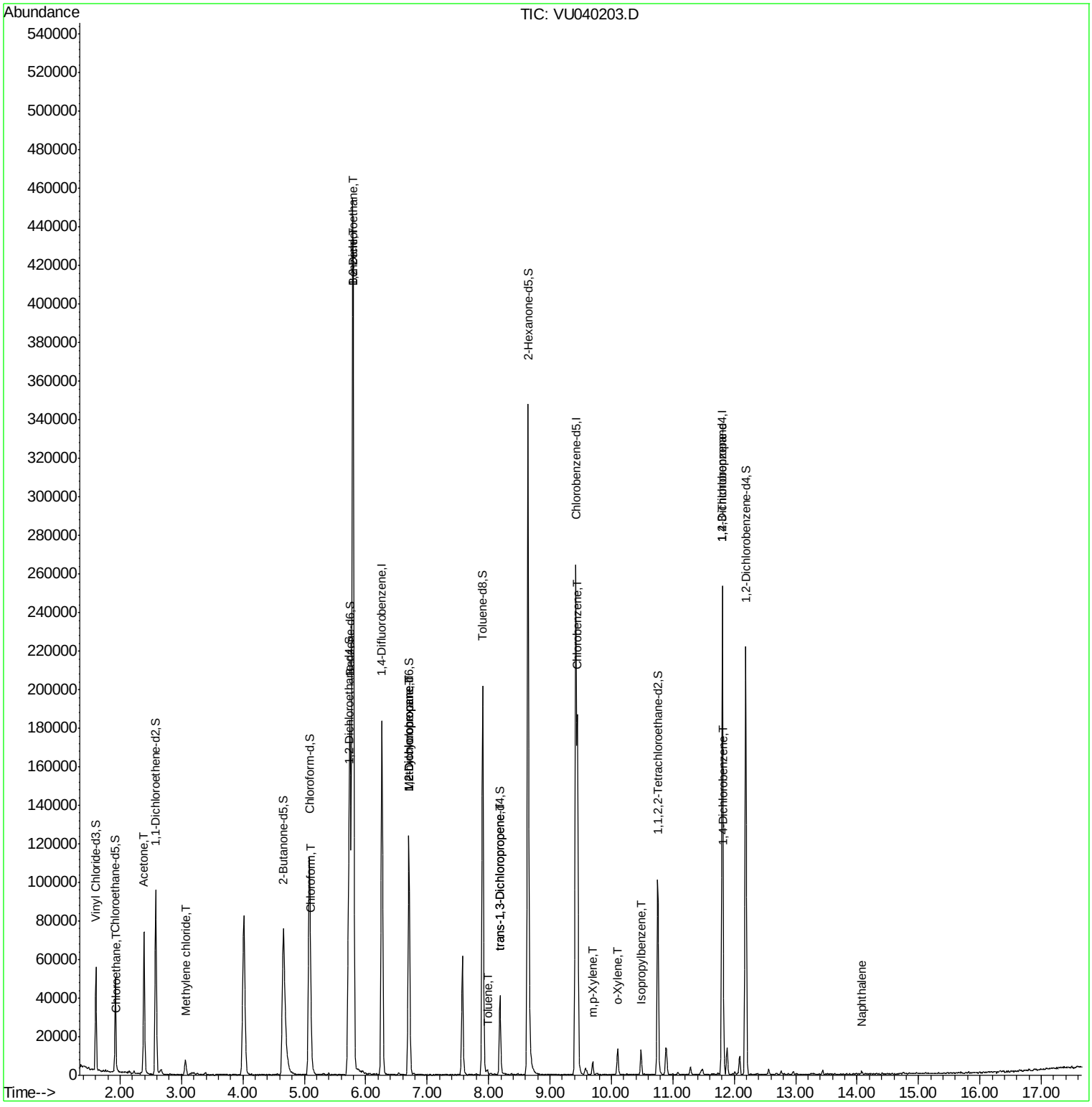
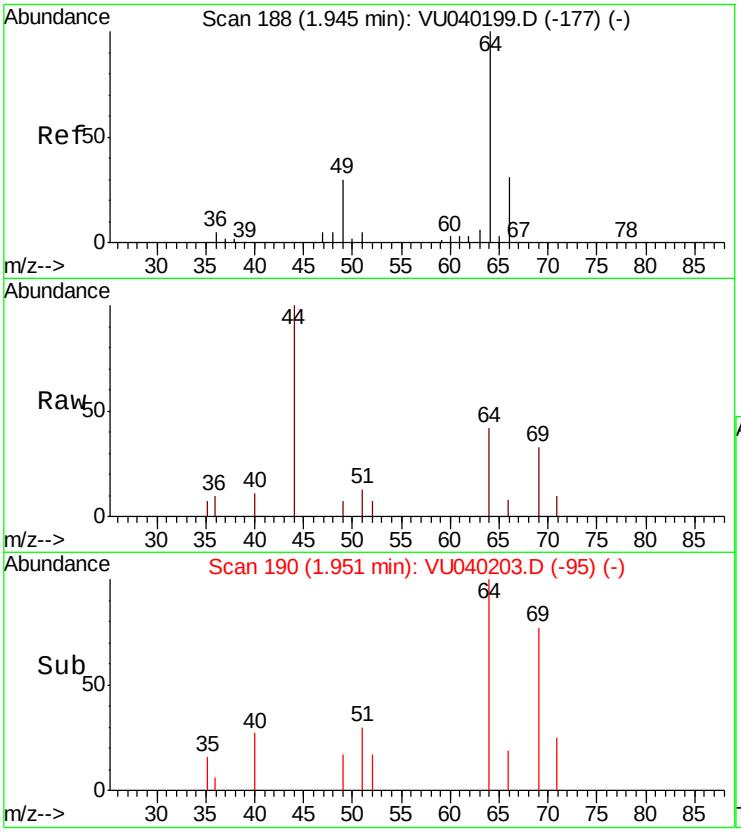
Quant Time: Sep 18 23:22:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration



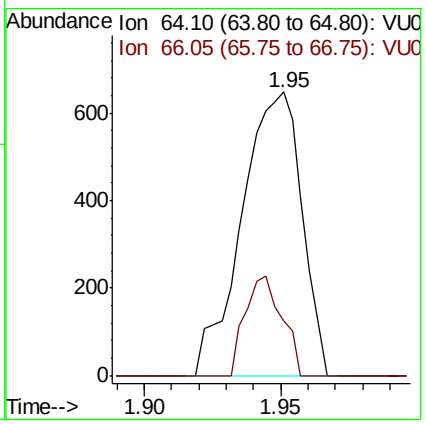


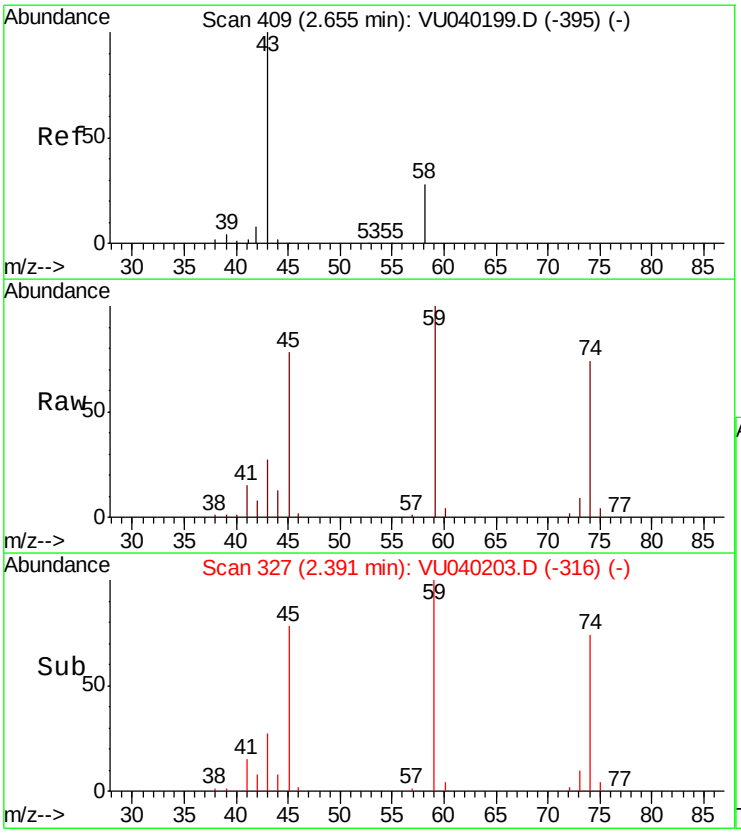
#8
Chloroethane
Concen: 0.125 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument : MSVOA_U
ClientSampleId : BG0P6DL

Tgt Ion: 64 Resp: 988

Ion	Ratio	Lower	Upper
64	100		
66	19.1	22.7	42.1#

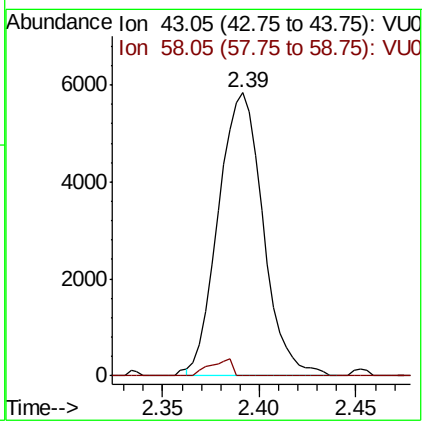


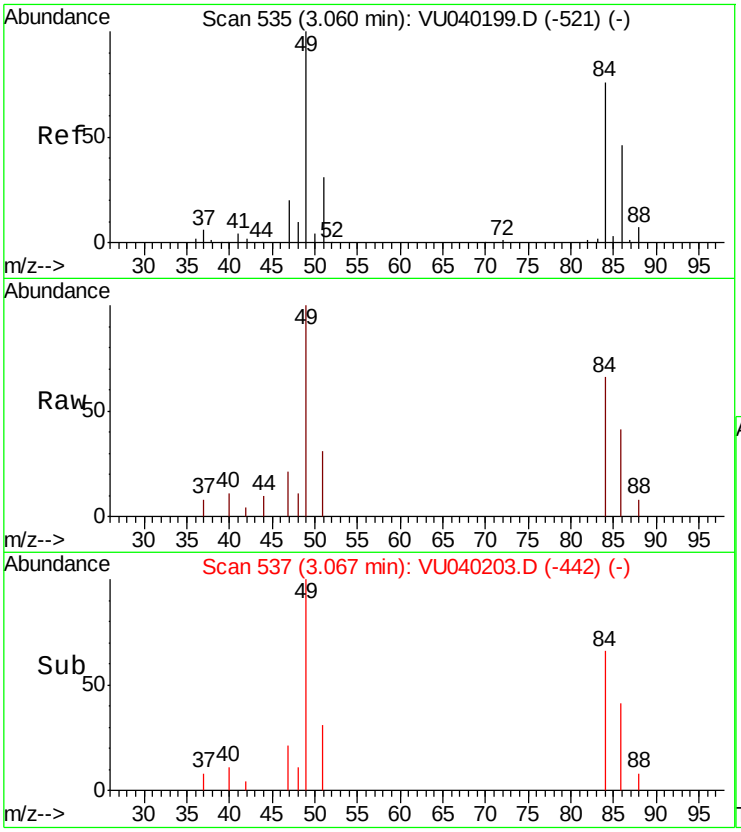


#13
Acetone
Concen: 3.406 ug/L
RT: 2.39 min Scan# 327
Delta R.T. -0.26 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion: 43 Resp: 9384

Ion	Ratio	Lower	Upper
43	100		
58	3.0	0.0	55.4



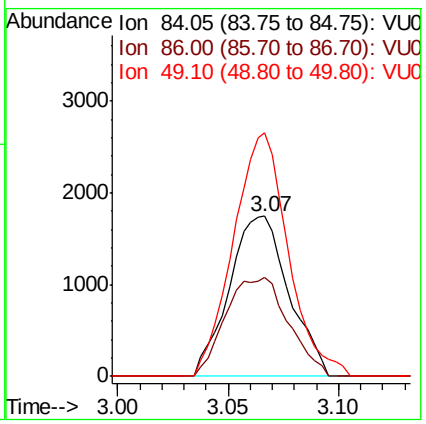


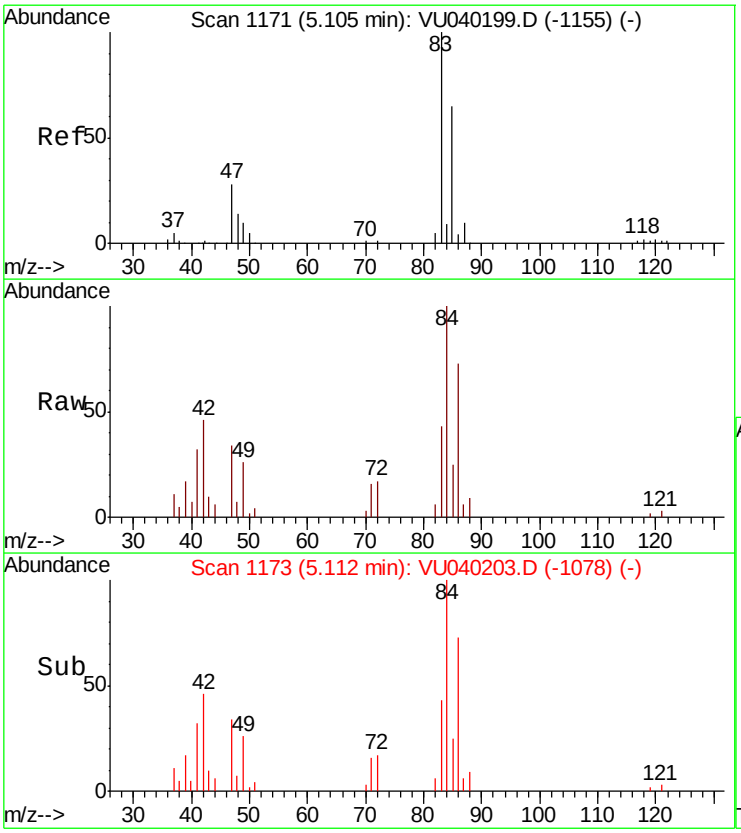
#16
Methylene chloride
Concen: 0.237 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument : MSVOA_U
ClientSampleId : BG0P6DL

Tgt Ion: 84 Resp: 3274

Ion	Ratio	Lower	Upper
84	100		
86	62.0	45.2	84.0
49	152.1	104.0	193.2

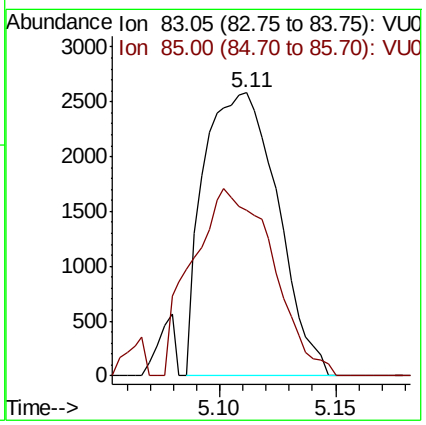


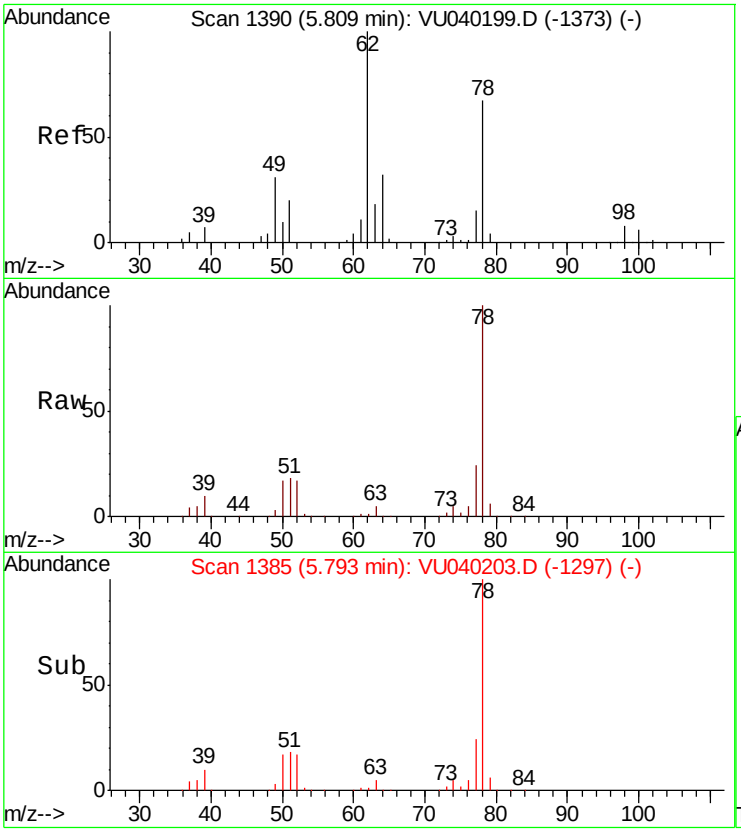


#25
Chloroform
Concen: 0.239 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion: 83 Resp: 5709

Ion	Ratio	Lower	Upper
83	100		
85	58.3	45.3	84.1



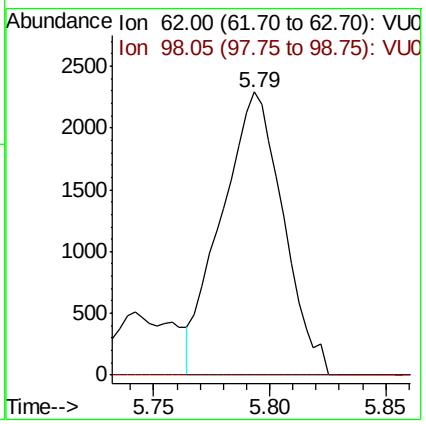


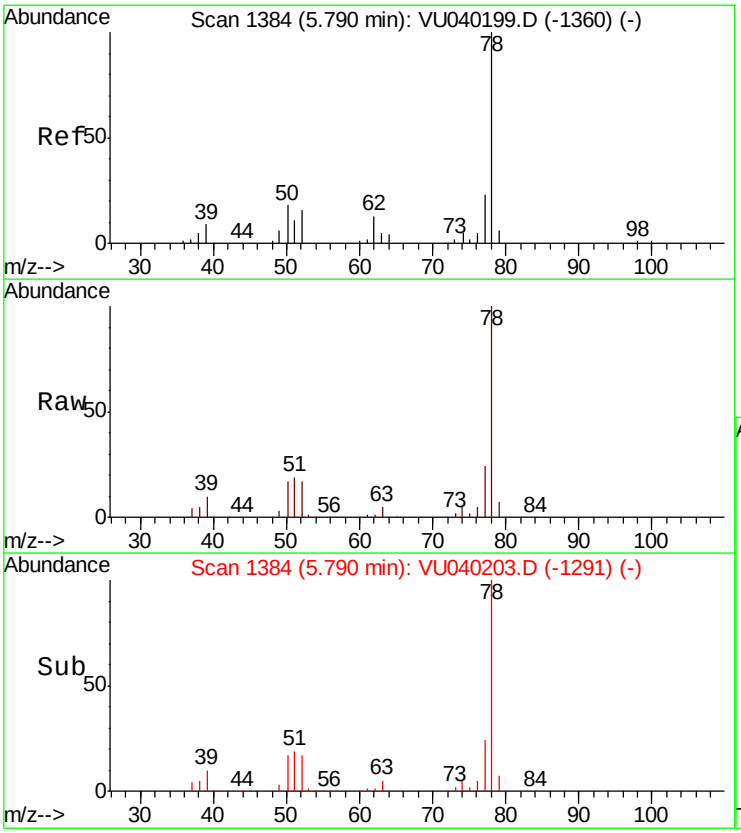
#27
1,2-Dichloroethane
Concen: 0.241 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. -0.02 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument : MSVOA_U
ClientSampleId : BG0P6DL

Tgt Ion: 62 Resp: 4225

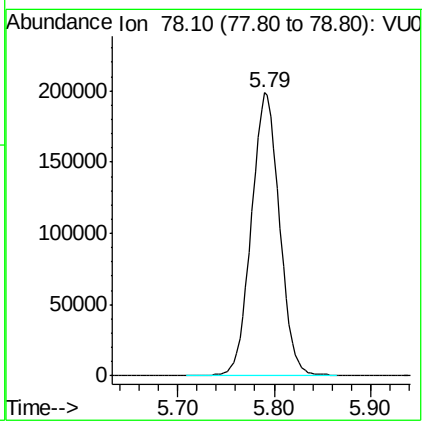
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.1	9.1#

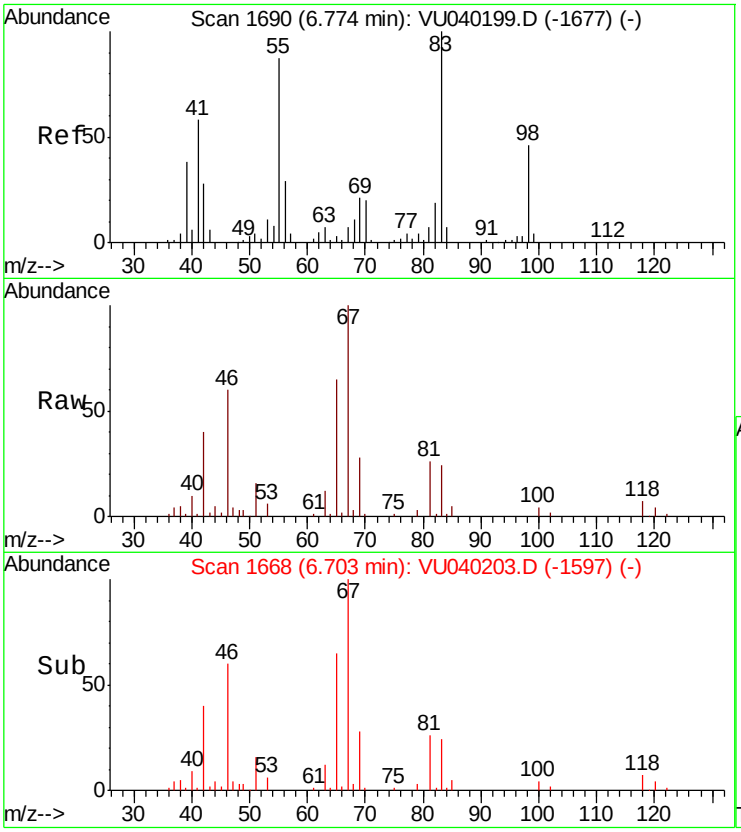




#33
Benzene
Concen: 8.437 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion: 78 Resp: 401339



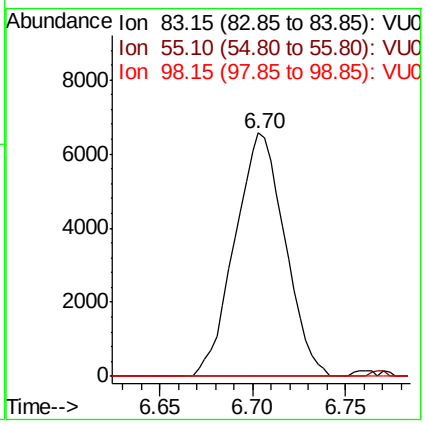


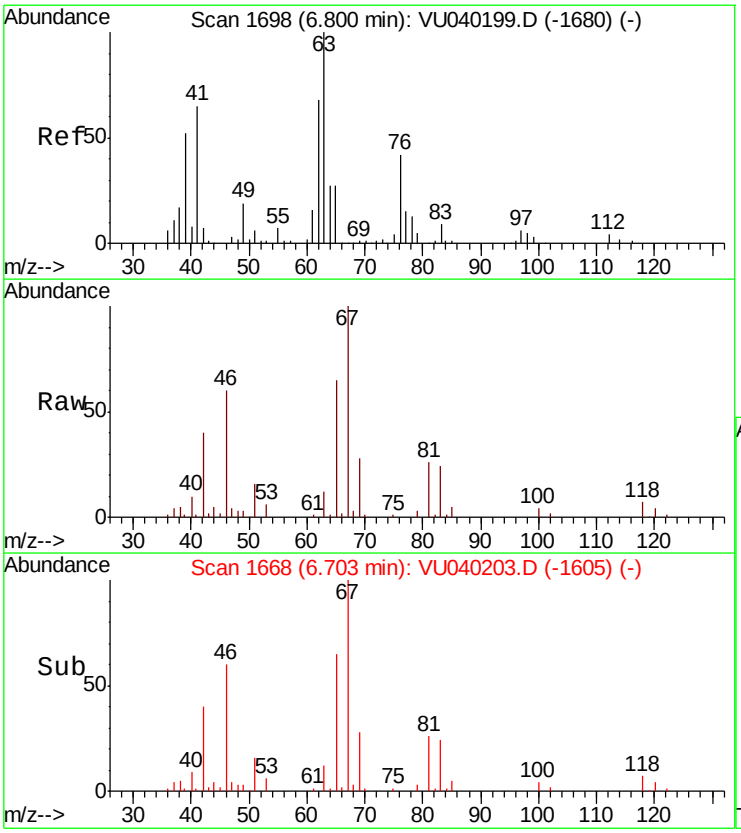
#35
Methylcyclohexane
Concen: 0.629 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument : MSVOA_U
ClientSampleId : BG0P6DL

Tgt Ion: 83 Resp: 12295

Ion	Ratio	Lower	Upper
83	100		
55	0.7	70.5	105.7#
98	2.0	37.8	56.6#

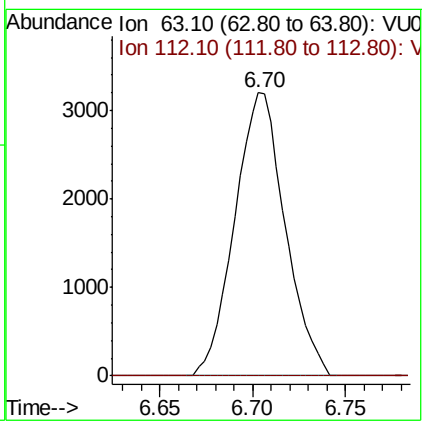


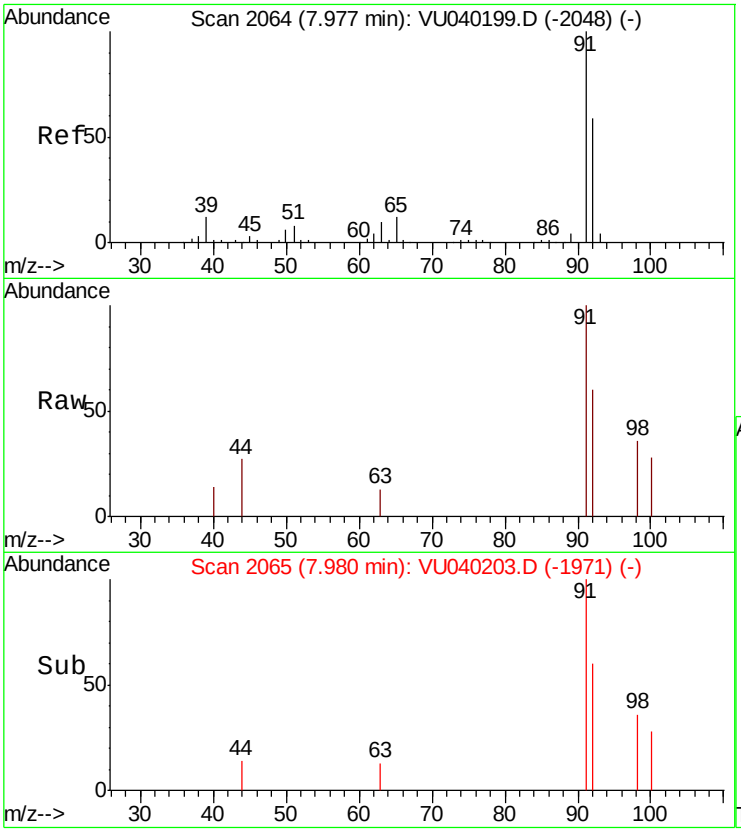


#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion: 63 Resp: 6047

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



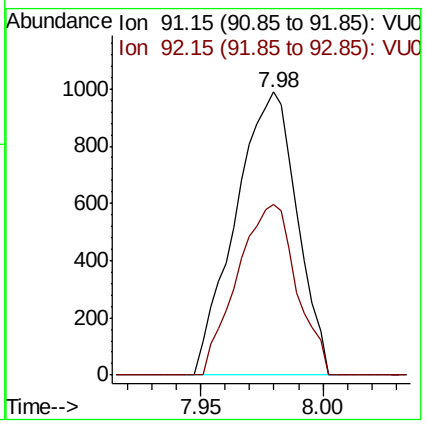


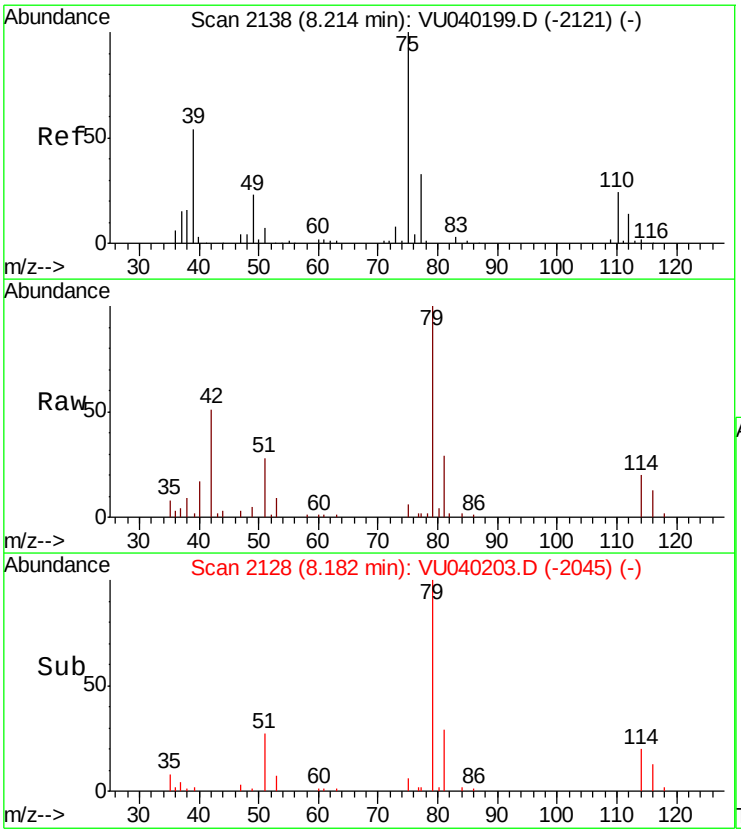
#42
Toluene
Concen: 0.035 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument :
MSVOA_U
ClientSampleId :
BG0P6DL

Tgt Ion: 91 Resp: 1729

Ion	Ratio	Lower	Upper
91	100		
92	60.3	40.7	75.5

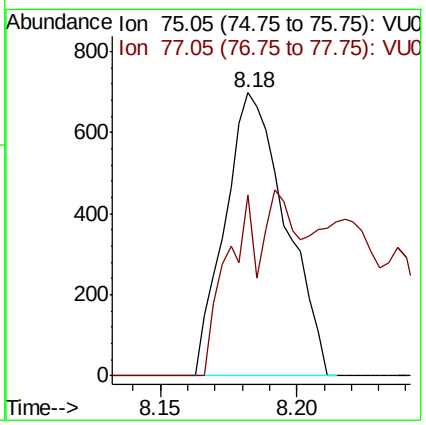


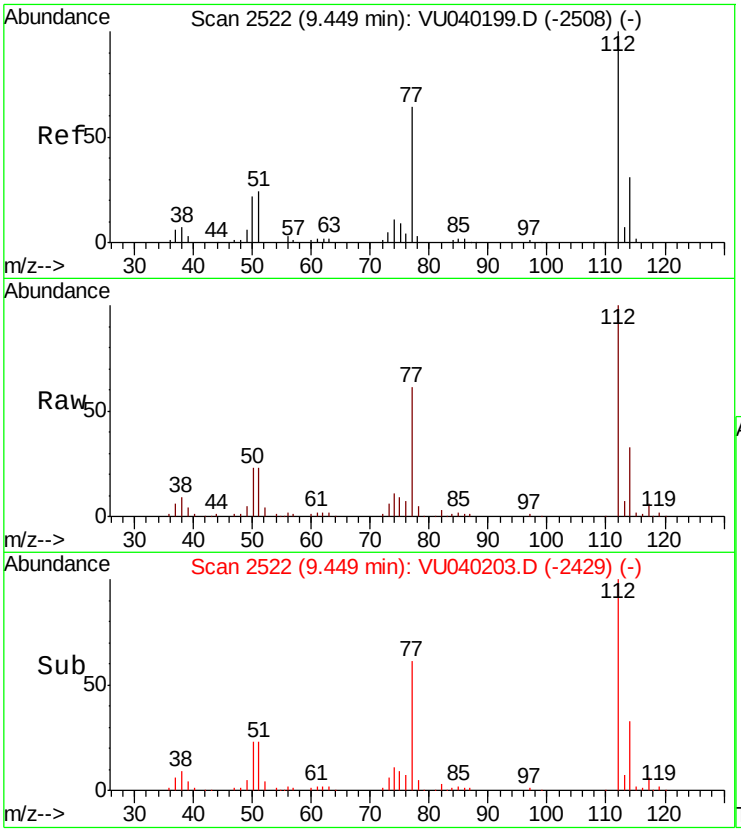


#44
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion: 75 Resp: 1081

Ion	Ratio	Lower	Upper
75	100		
77	64.0	23.9	44.3#



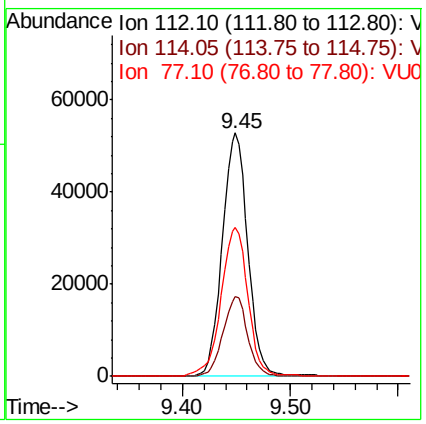


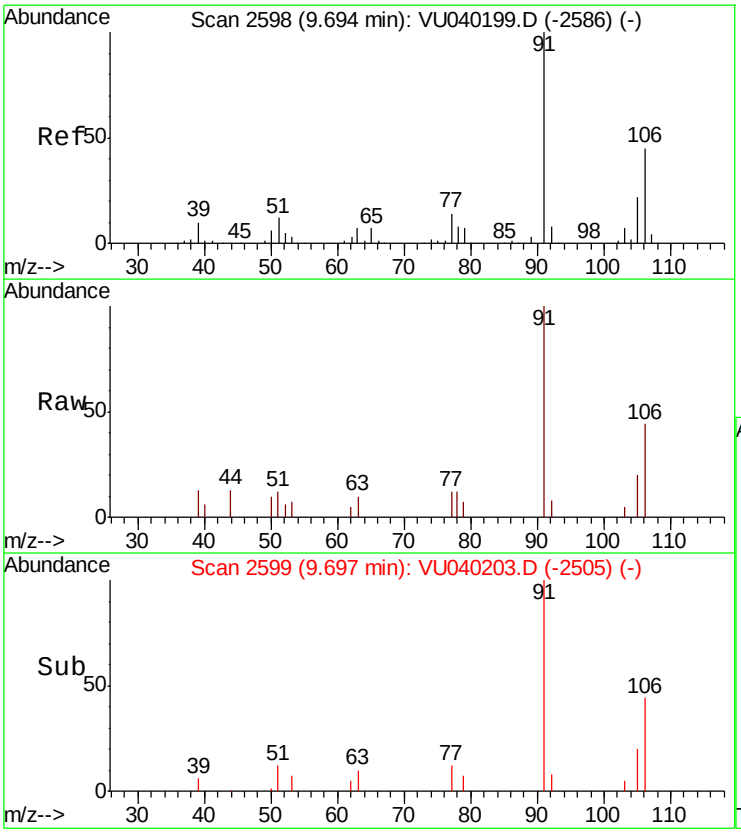
#51
Chlorobenzene
Concen: 2.850 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument :
MSVOA_U
ClientSampleId :
BG0P6DL

Tgt Ion:112 Resp: 86679

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.7	42.3
77	61.3	53.2	79.8

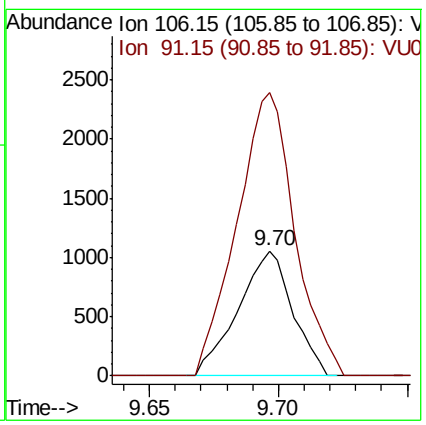


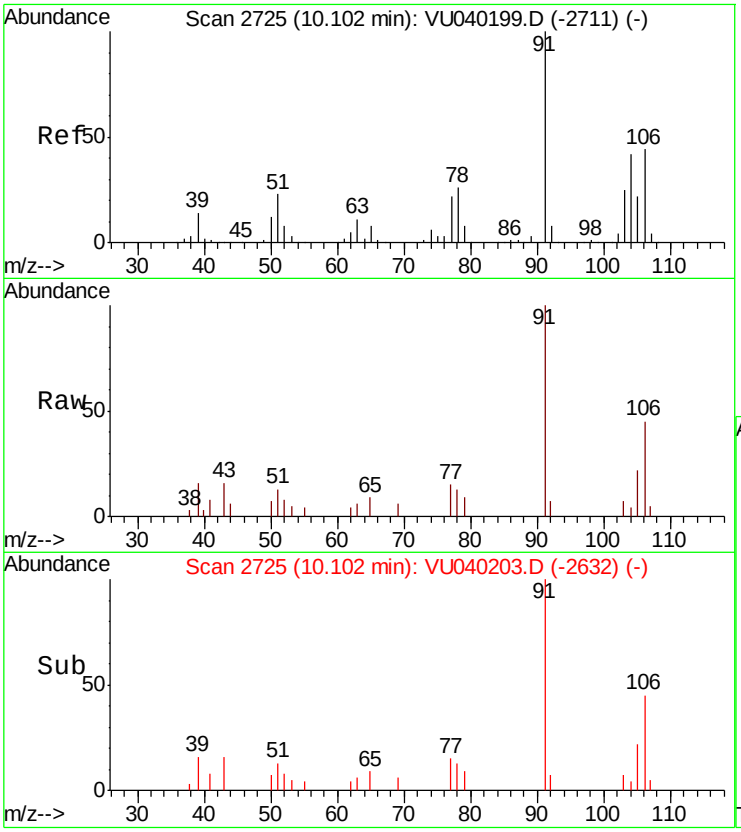


#53
m,p-Xylene
Concen: 0.078 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion:106 Resp: 1549

Ion	Ratio	Lower	Upper
106	100		
91	226.9	151.7	281.7



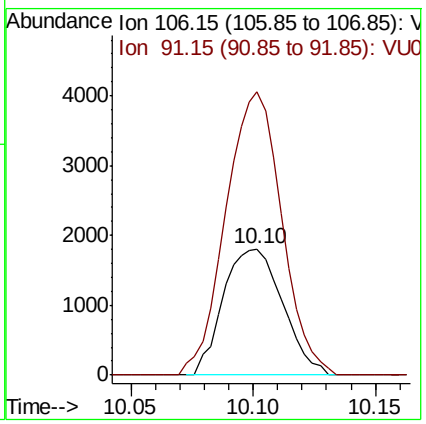


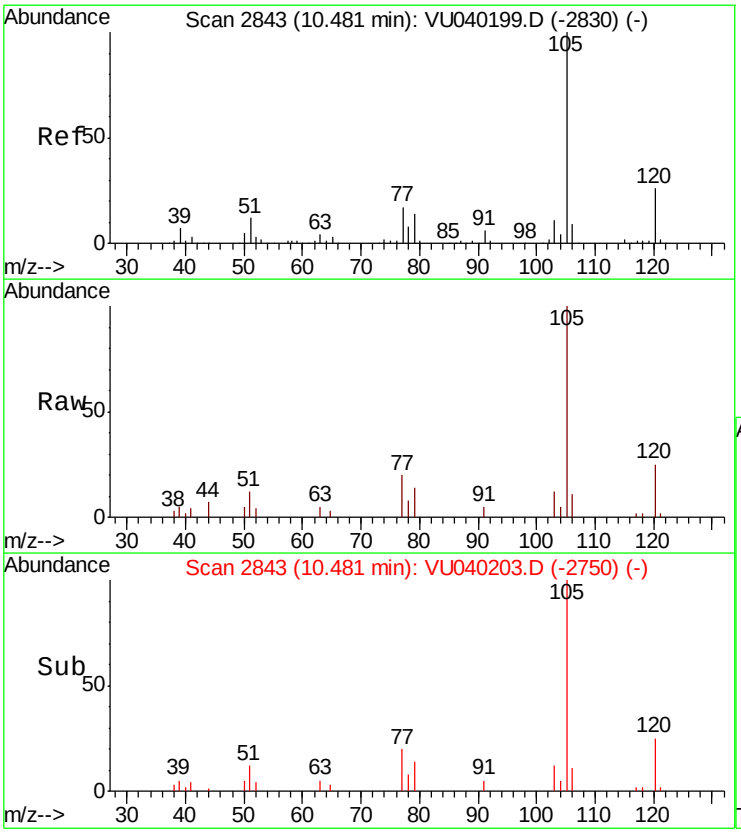
#54
o-Xylene
Concen: 0.161 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument :
MSVOA_U
ClientSampleId :
BG0P6DL

Tgt Ion:106 Resp: 3049

Ion	Ratio	Lower	Upper
106	100		
91	224.3	160.8	298.6

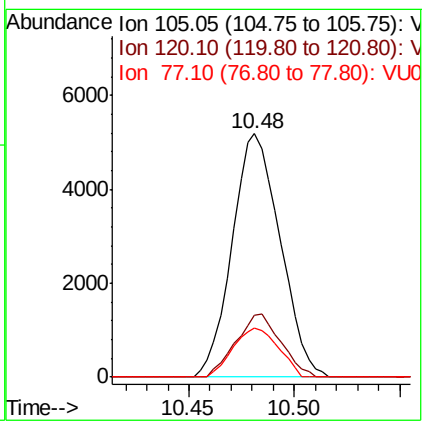


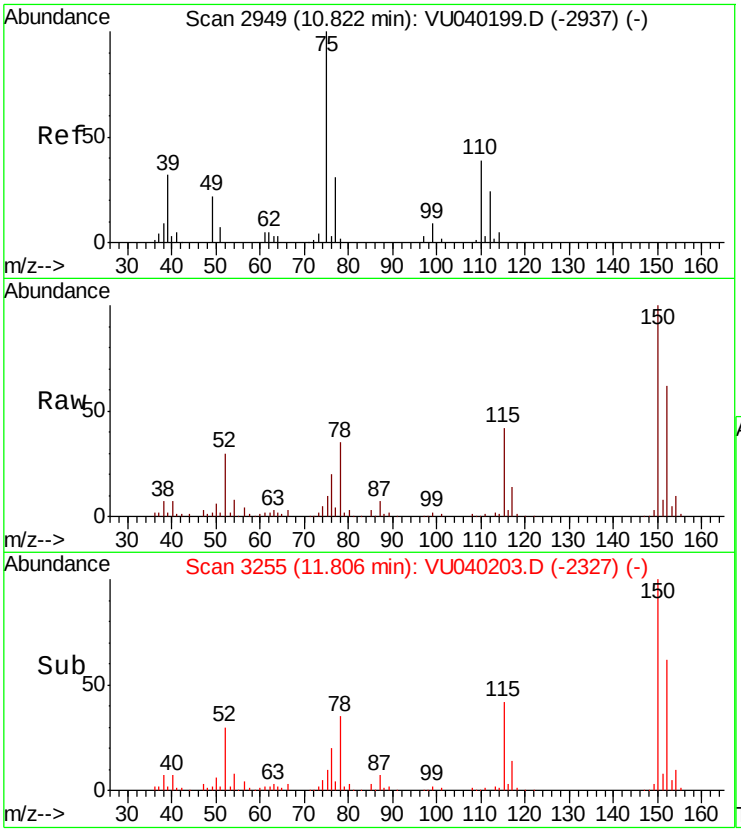


#56
Isopropylbenzene
Concen: 0.159 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion:105 Resp: 8184

Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.1	30.1
77	19.1	14.4	21.6



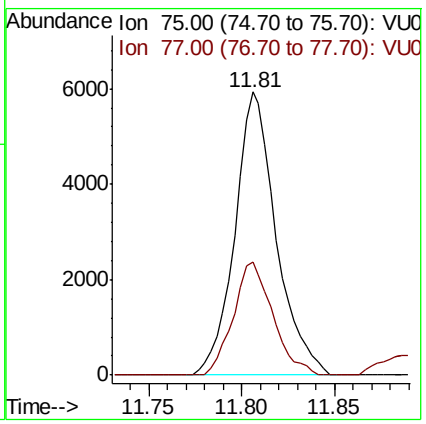


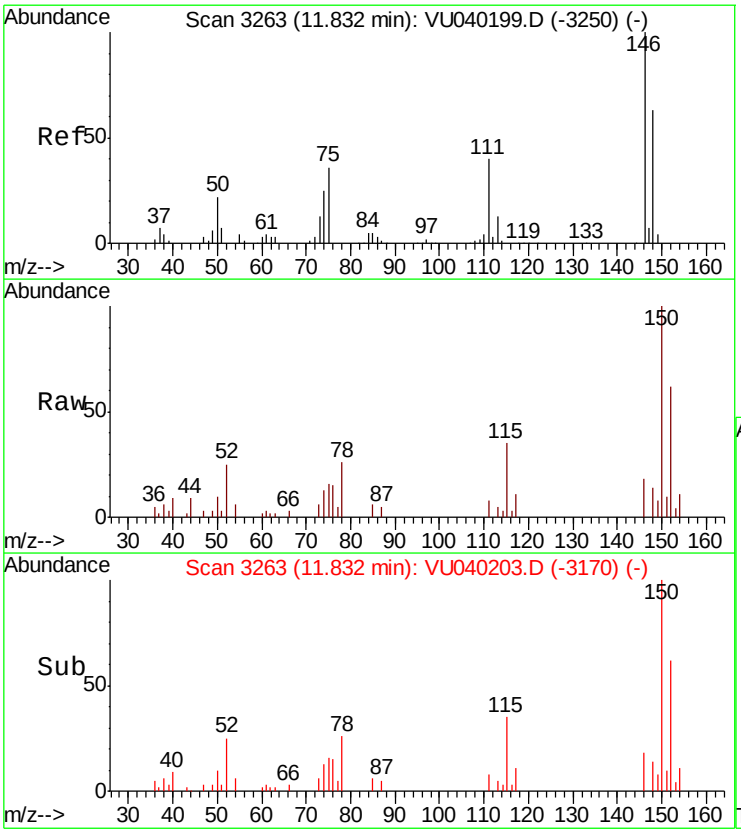
#59
1,2,3-Trichloropropane
Concen: 0.960 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument : MSVOA_U
ClientSampleId : BG0P6DL

Tgt Ion: 75 Resp: 9158

Ion	Ratio	Lower	Upper
75	100		
77	38.2	24.9	37.3#

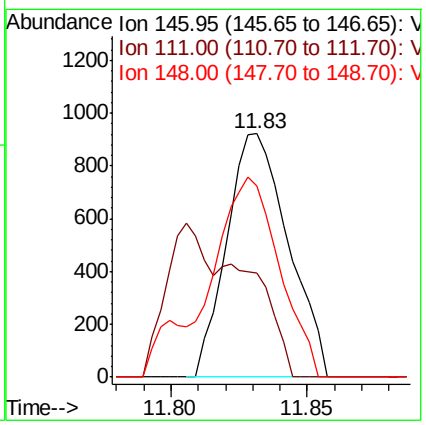


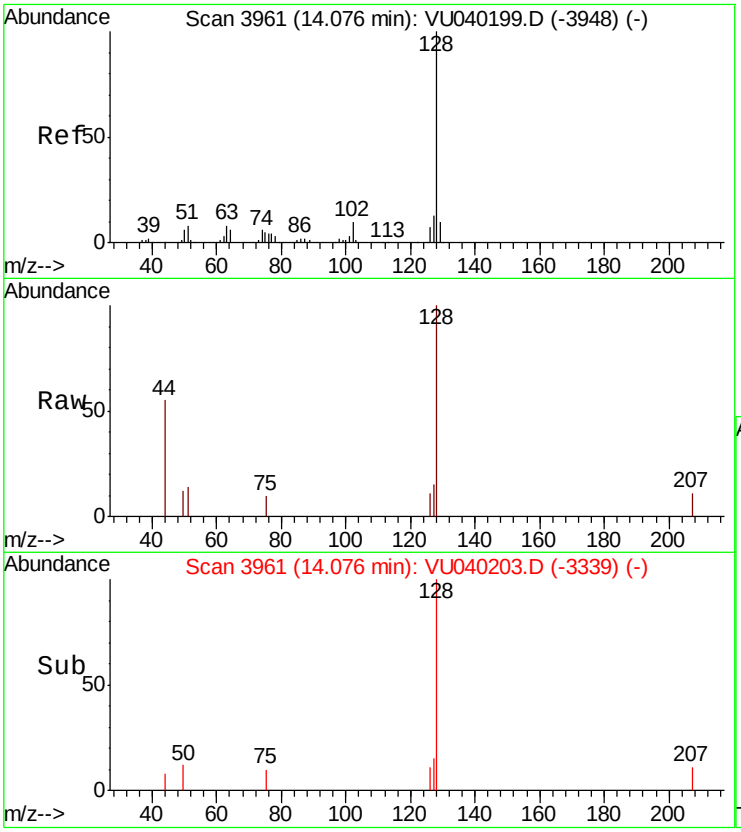


#63
1,4-Dichlorobenzene
Concen: 0.068 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion:146 Resp: 1445

Ion	Ratio	Lower	Upper
146	100		
111	42.6	30.5	56.7
148	78.5	45.4	84.4





#69
Naphthalene
Concen: 0.057 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument :
MSVOA_U
ClientSampleId :
BG0P6DL

Tgt Ion:128 Resp: 1497

Ion	Ratio	Lower	Upper
128	100		
129	8.1	8.7	13.1#
127	3.7	10.7	16.1#