Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052020\
Data File : VU038246.D
Acq On : 20 May 2020 14:36
Operator : JC/MD
Sample : L2724-05 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 21 01:16:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	357724	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	345144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	171337	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	139473	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.93	69	124215	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	2.59	63	173926	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	4.66	46	413473	51.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.44%			
24) Chloroform-d	5.10	84	222992	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.74	65	136758	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.76	84	480073	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.72	67	156905	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.92	98	417714	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	8.20	79	60885	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.65	63	309930	49.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.16%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122855	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	161110	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	4297	0.181	ug/L	98
16) Methylene chloride	3.08	84	2224	0.077	ug/L	85
27) 1,2-Dichloroethane	5.81	62	49252	1.413	ug/L #	73
30) Cyclohexane	5.43	56	10858	0.233	ug/L	98
33) Benzene	5.81	78	5782716	52.320	ug/L	100
35) Methylcyclohexane	6.79	83	5701	0.127	ug/L #	87
37) 1,2-Dichloropropane	6.72	63	16663	0.555	ug/L	98
42) Toluene	7.99	91	555253	4.759	ug/L	100
48) 2-Hexanone	8.71	43	22665	1.487	ug/L #	98
51) Chlorobenzene	9.47	112	555324	7.669	ug/L	100
52) Ethylbenzene	9.59	91	1654594	13.092	ug/L	99
53) m,p-Xylene	9.71	106	1590705	32.824	ug/L	98
54) o-Xylene	10.12	106	505497	10.788	ug/L	99
55) Styrene	10.11	104	25055	0.319	ug/L #	1
56) Isopropylbenzene	10.50	105	47543	0.395	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	3119	0.155	ug/L #	1
63) 1,4-Dichlorobenzene	11.85	146	28168	0.499	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052020\
Data File : VU038246.D
Acq On : 20 May 2020 14:36
Operator : JC/MD
Sample : L2724-05 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 21 01:16:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
65) 1,2-Dichlorobenzene	12.22	146	9818	0.183 ug/L	93
69) Naphthalene	14.12	128	9948	0.129 ug/L	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052020\
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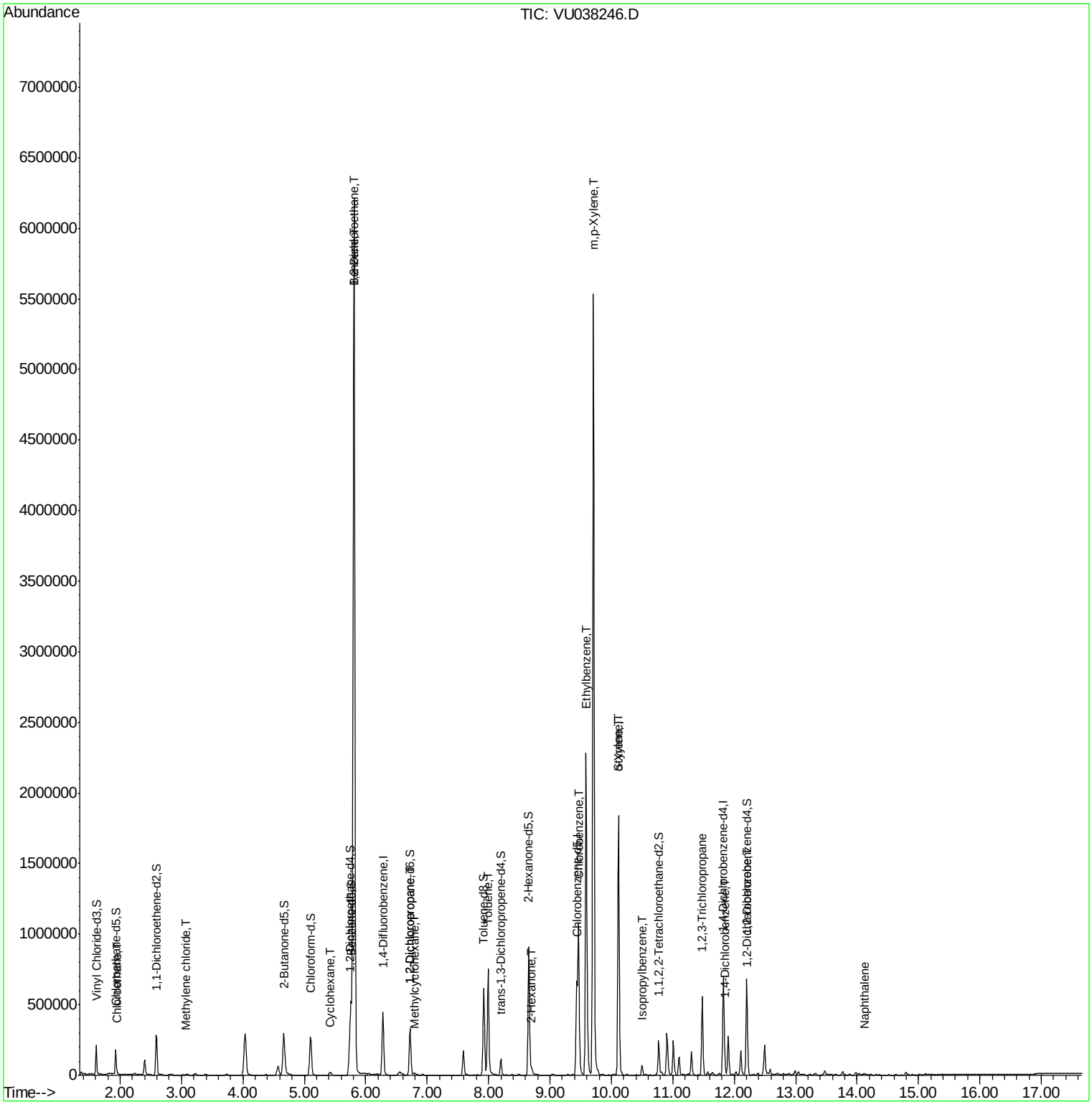
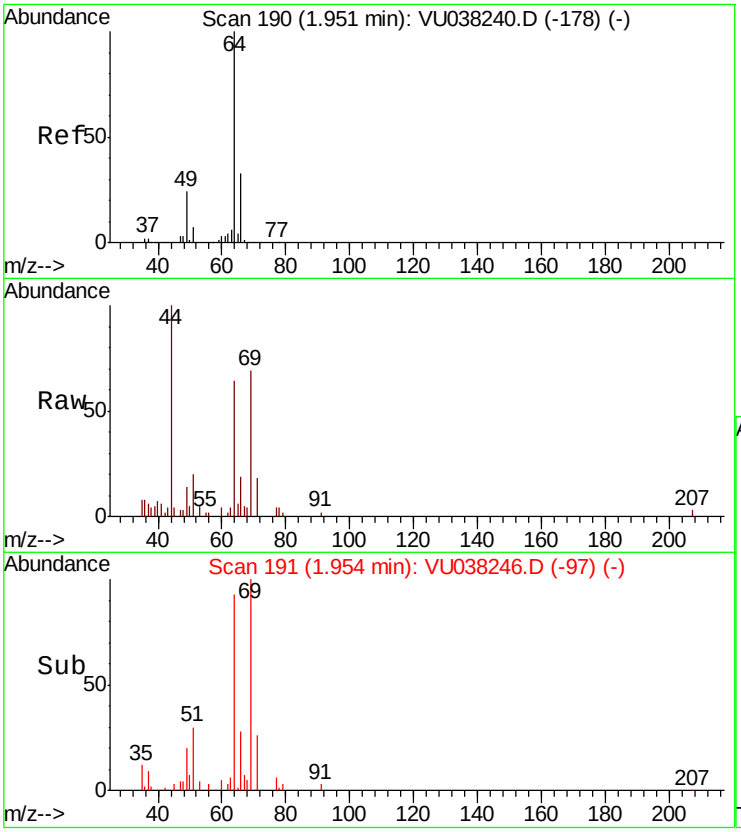
Response via : Initial Calibration



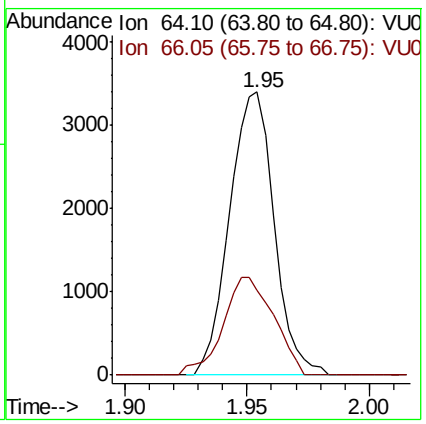


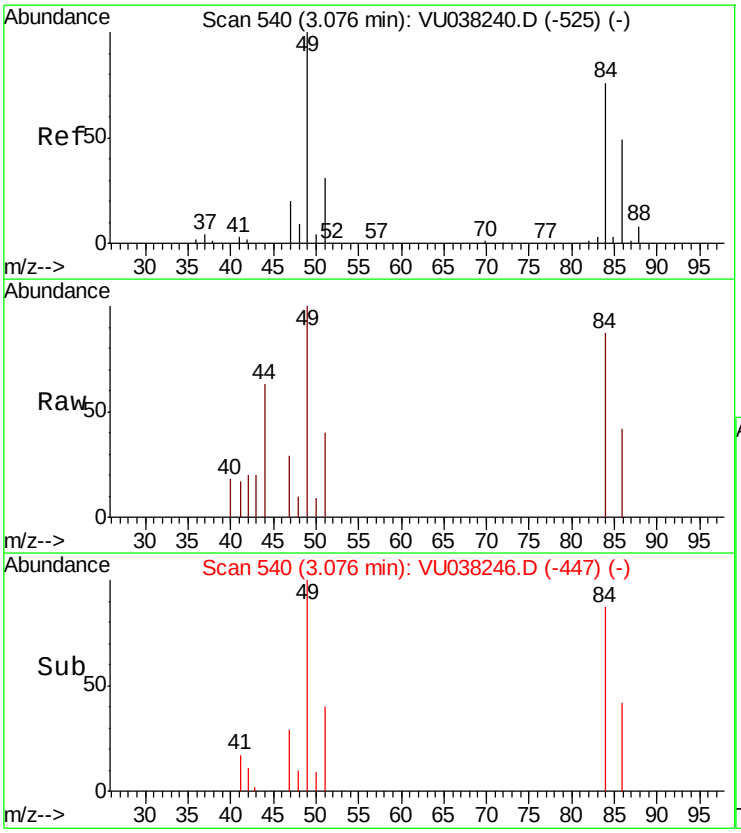
#8
Chloroethane
Concen: 0.181 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 4297

Ion	Ratio	Lower	Upper
64	100		
66	30.2	21.8	40.4

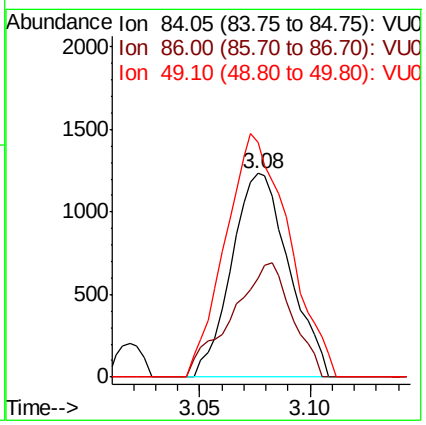


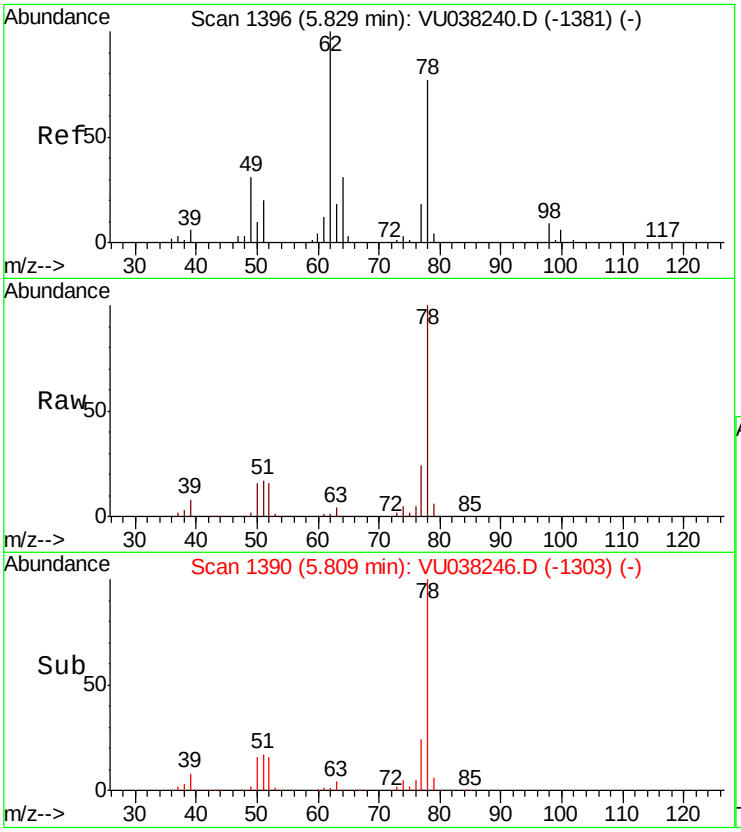


#16
Methylene chloride
Concen: 0.077 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion: 84 Resp: 2224

Ion	Ratio	Lower	Upper
84	100		
86	48.9	44.9	83.3
49	115.6	92.0	170.9



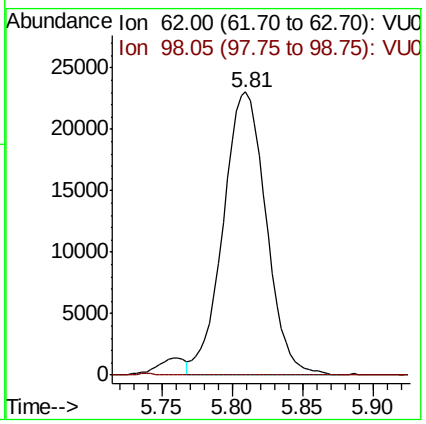


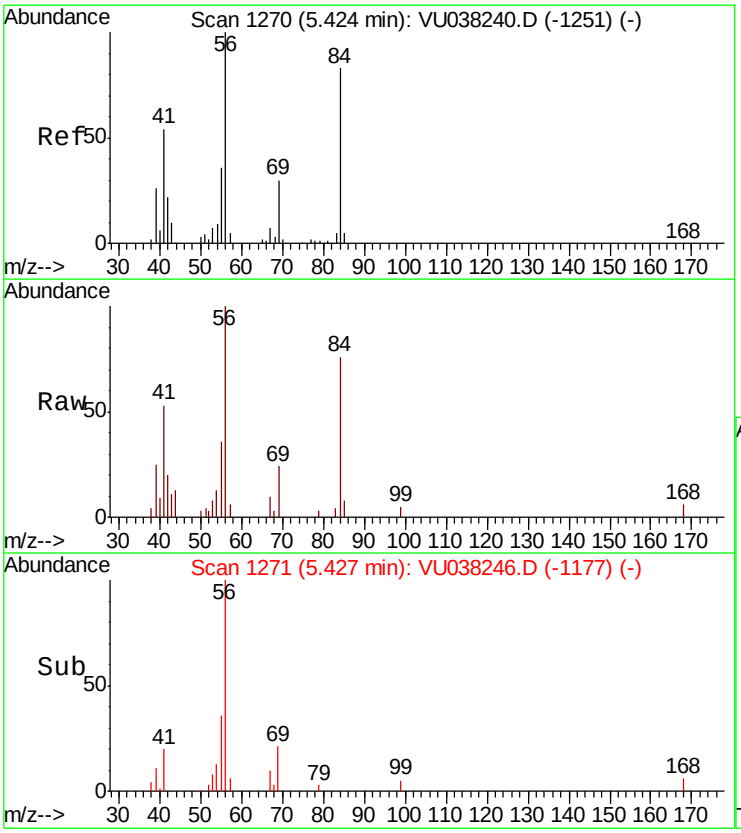
#27
1,2-Dichloroethane
Concen: 1.413 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.02 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 49252

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

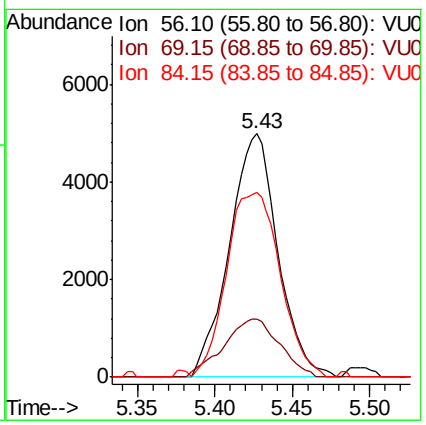


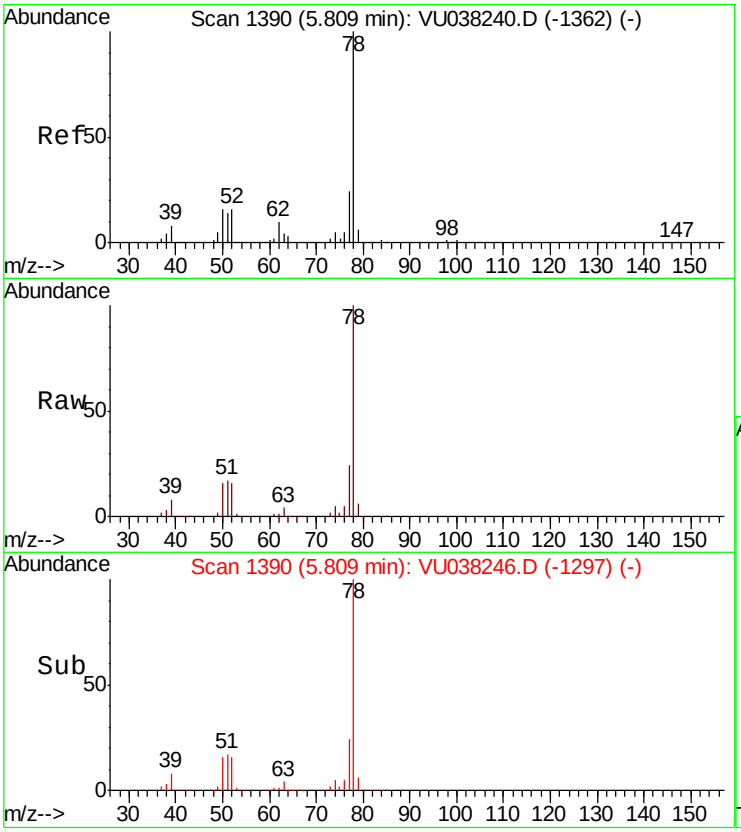


#30
Cyclohexane
Concen: 0.233 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion: 56 Resp: 10858

Ion	Ratio	Lower	Upper
56	100		
69	27.5	24.2	36.4
84	84.2	68.5	102.7

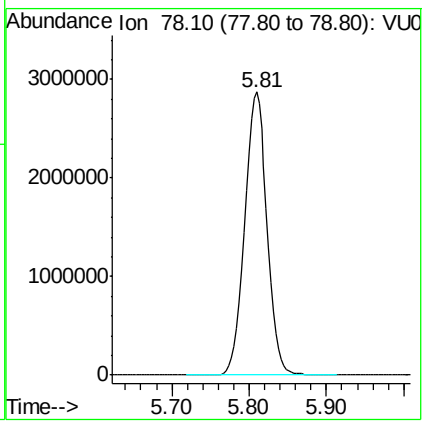


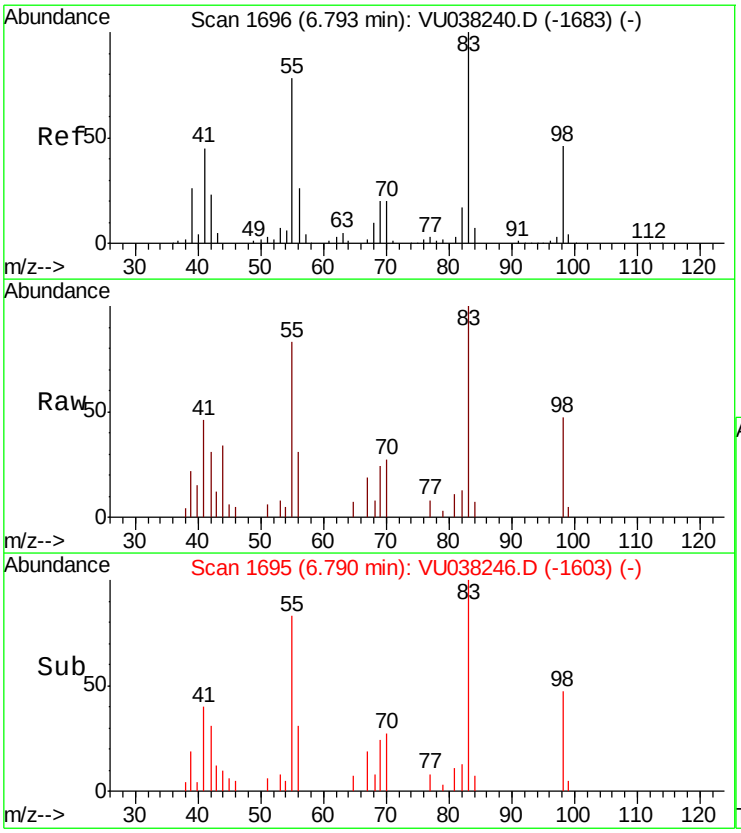


#33
Benzene
Concen: 52.320 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 5782716

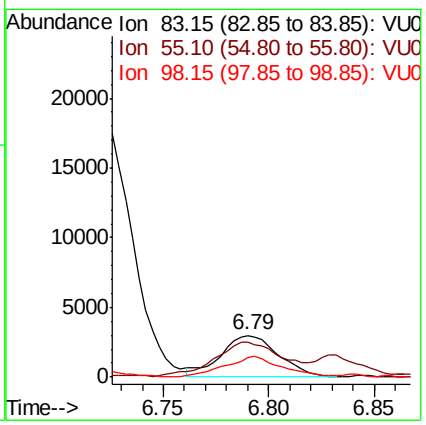


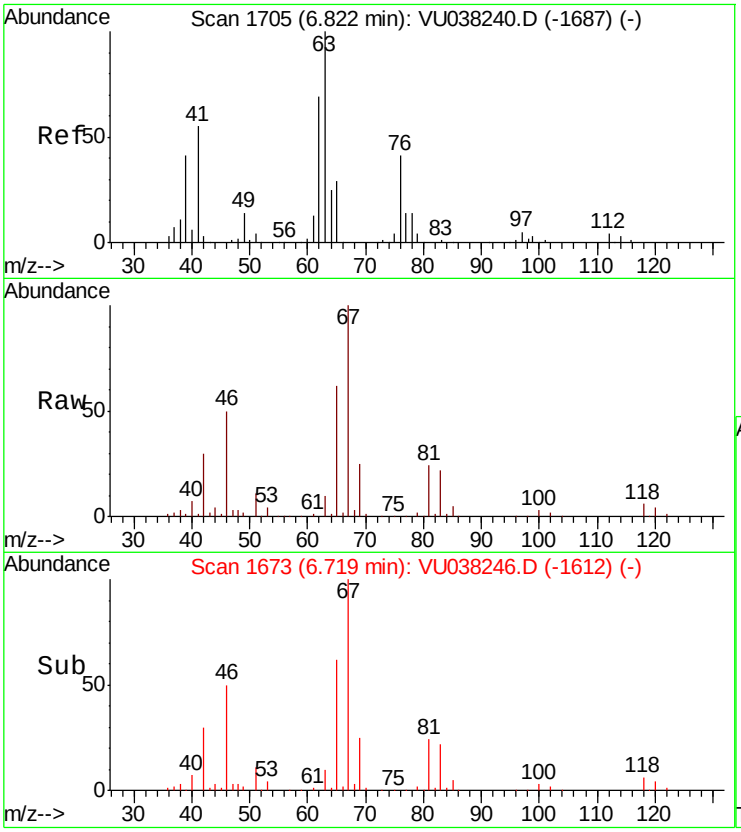


#35
Methylcyclohexane
Concen: 0.127 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion: 83 Resp: 5701

Ion	Ratio	Lower	Upper
83	100		
55	100.8	66.7	100.1#
98	48.5	39.4	59.2



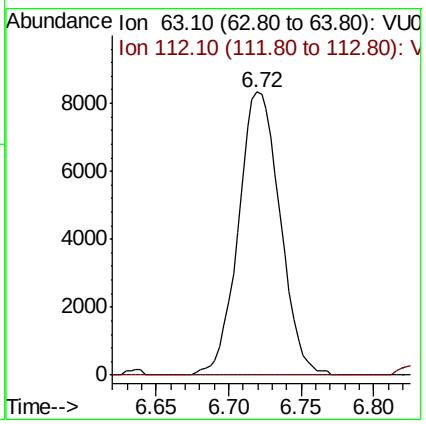


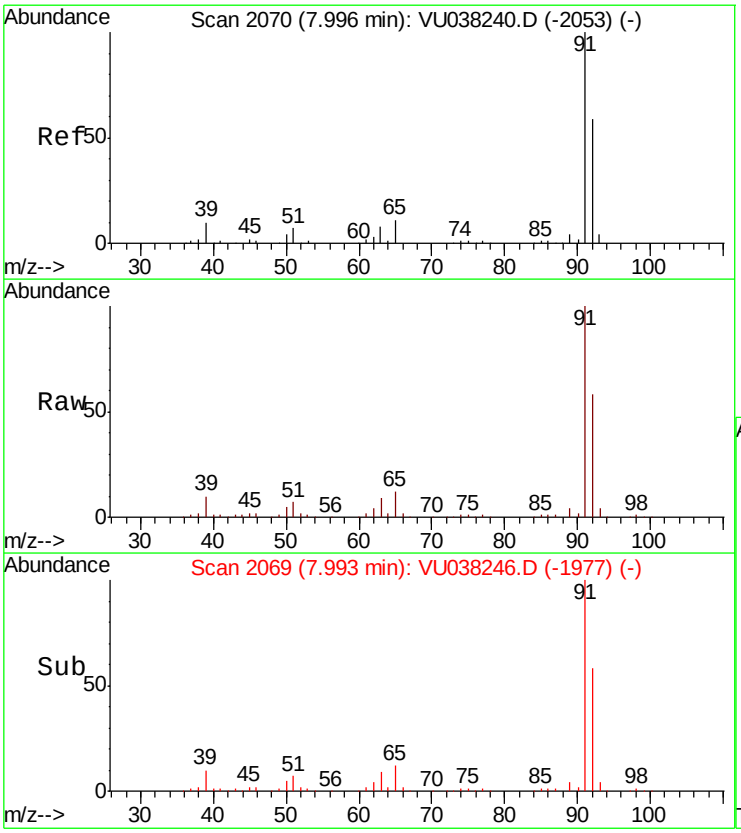
#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 16663

Ion	Ratio	Lower	Upper
63	100		
112	3.2	3.1	4.7

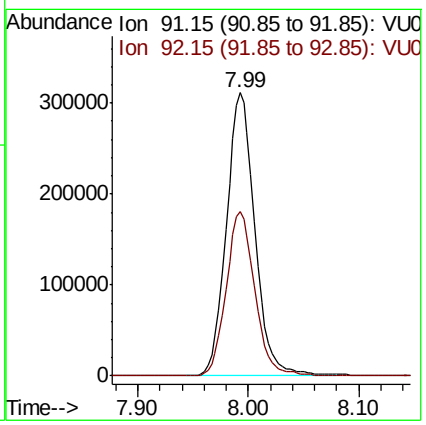


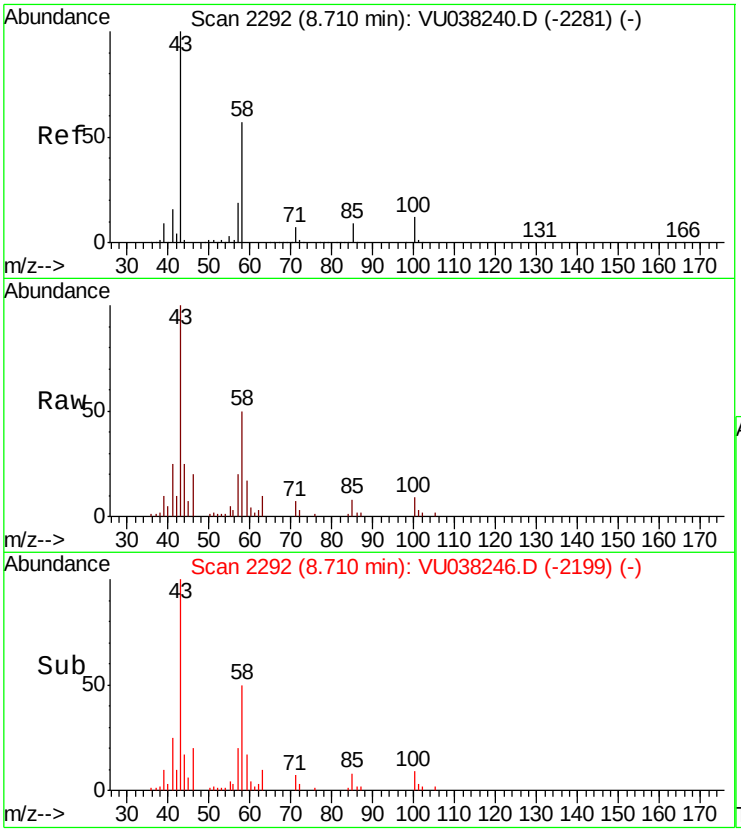


#42
Toluene
Concen: 4.759 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion: 91 Resp: 555253

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.9	75.9



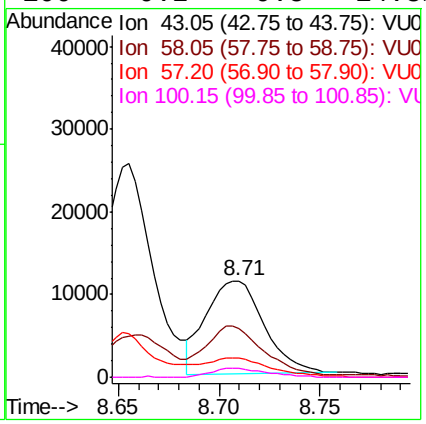


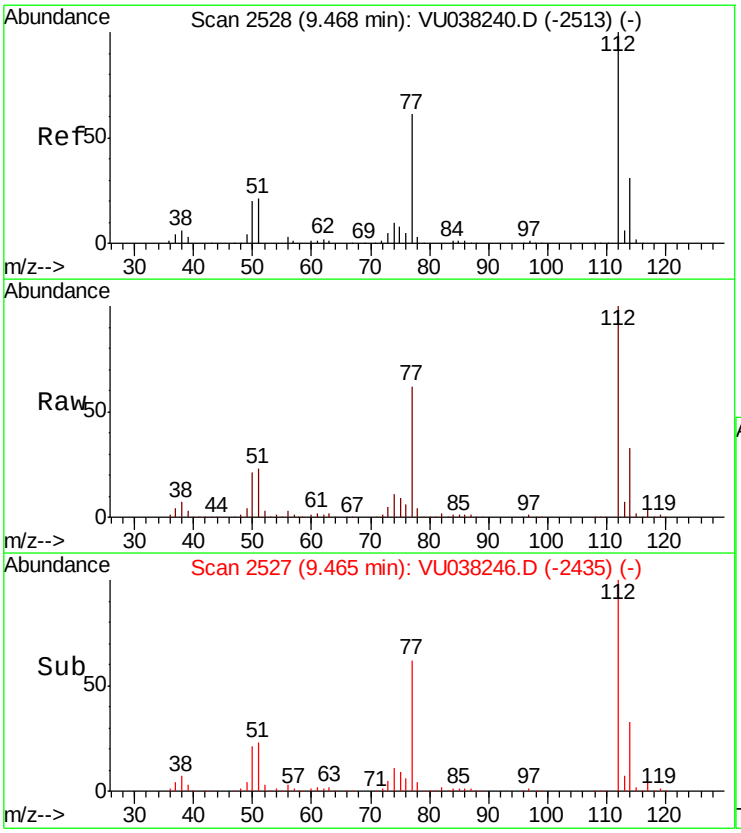
#48
2-Hexanone
Concen: 1.487 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 22665

Ion	Ratio	Lower	Upper
43	100		
58	56.3	45.2	67.8
57	21.7	15.5	23.3
100	9.2	9.5	14.3#

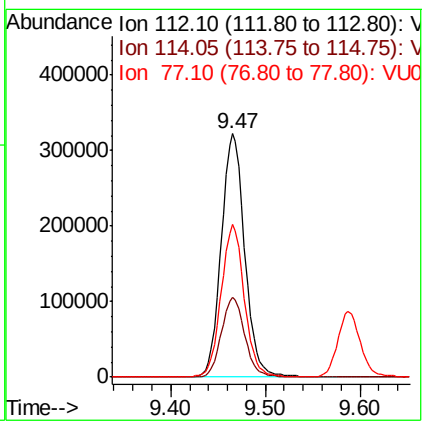


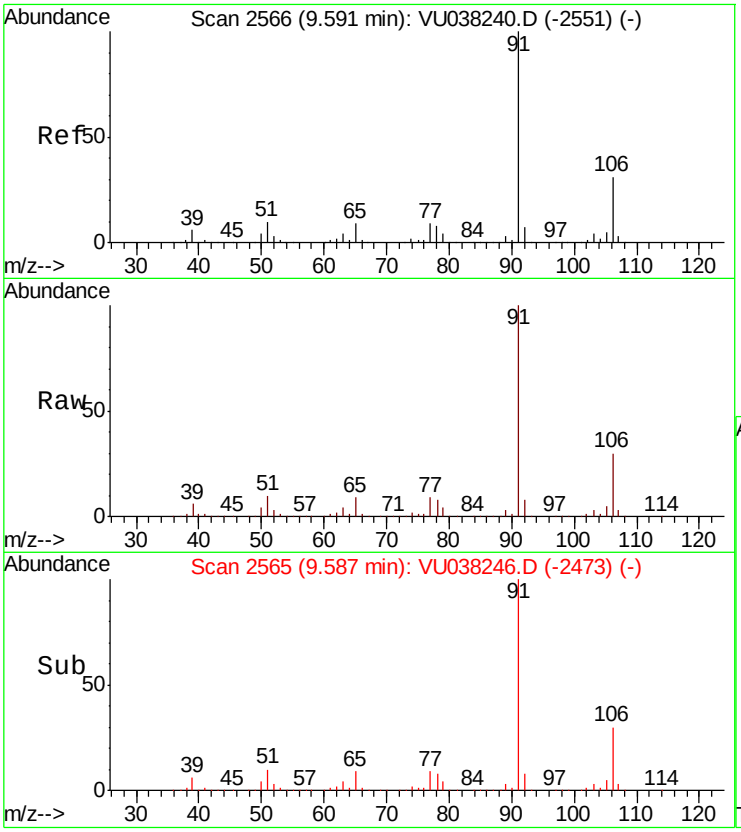


#51
Chlorobenzene
Concen: 7.669 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion:112 Resp: 555324

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.5	41.7
77	62.5	49.9	74.9



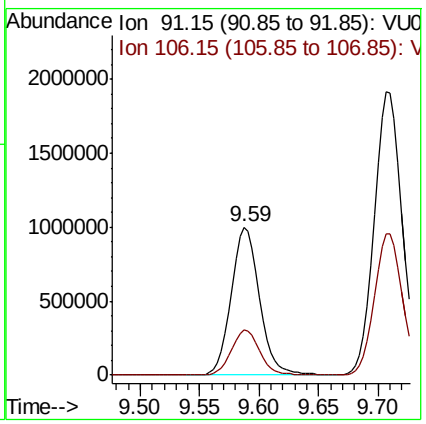


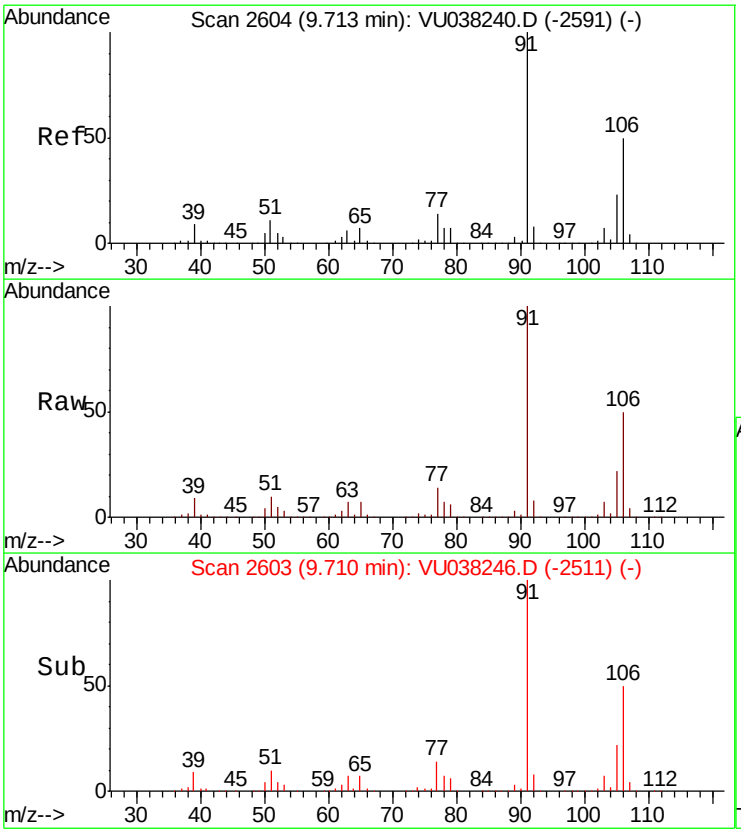
#52
Ethylbenzene
Concen: 13.092 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 1654594

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.8	40.4

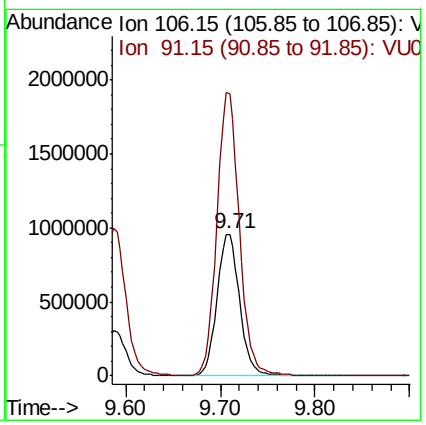


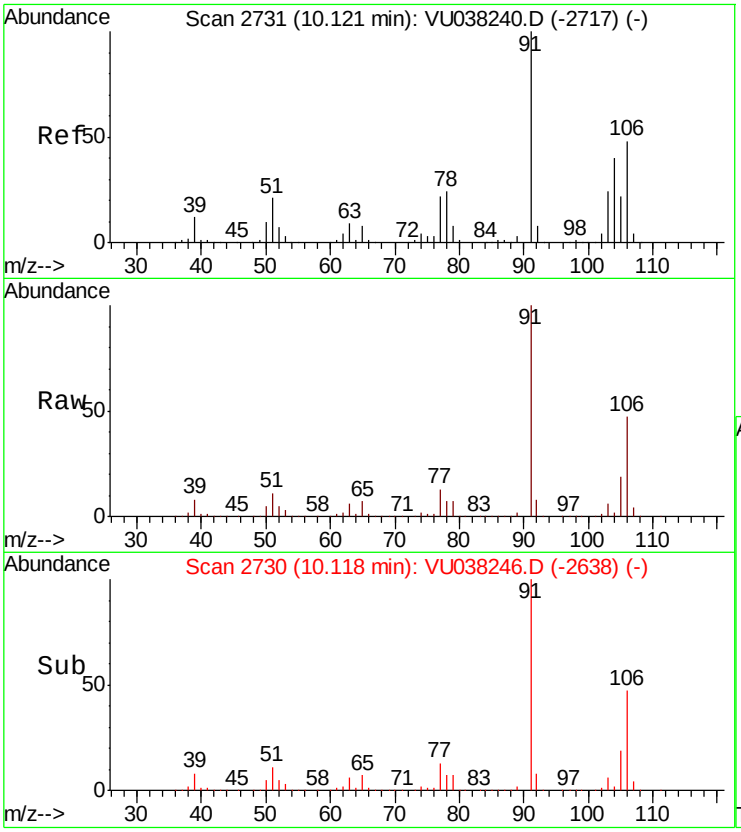


#53
m,p-Xylene
Concen: 32.824 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion:106 Resp: 1590705

Ion	Ratio	Lower	Upper
106	100		
91	199.4	142.1	263.9



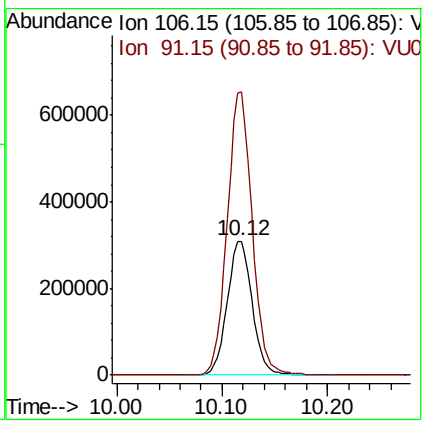


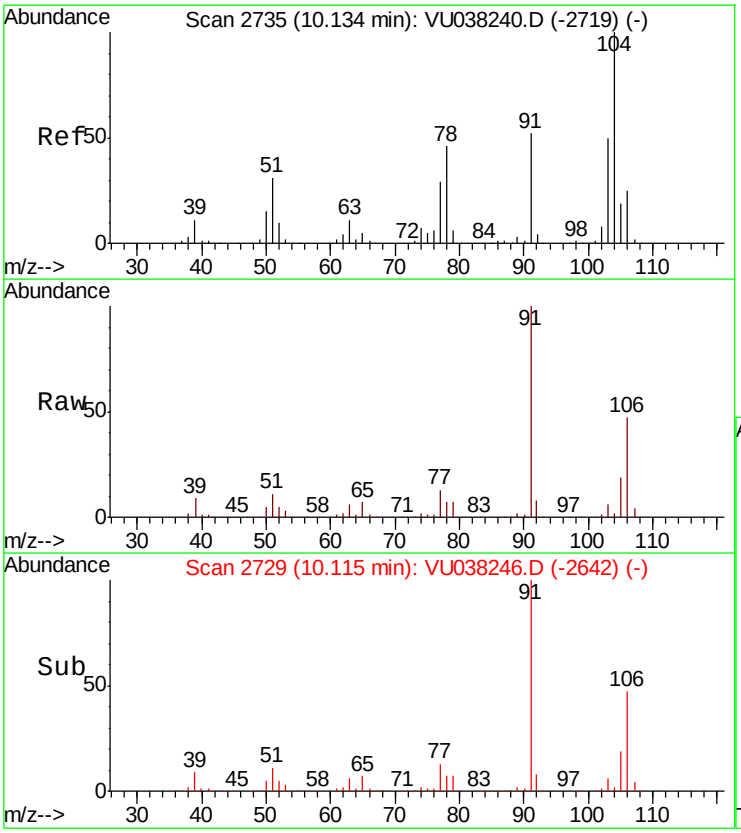
#54
o-Xylene
Concen: 10.788 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 505497

Ion	Ratio	Lower	Upper
106	100		
91	211.0	148.5	275.9

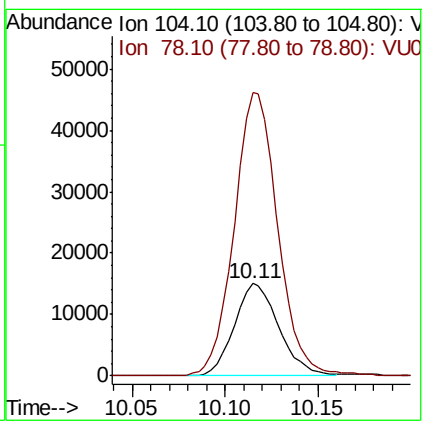


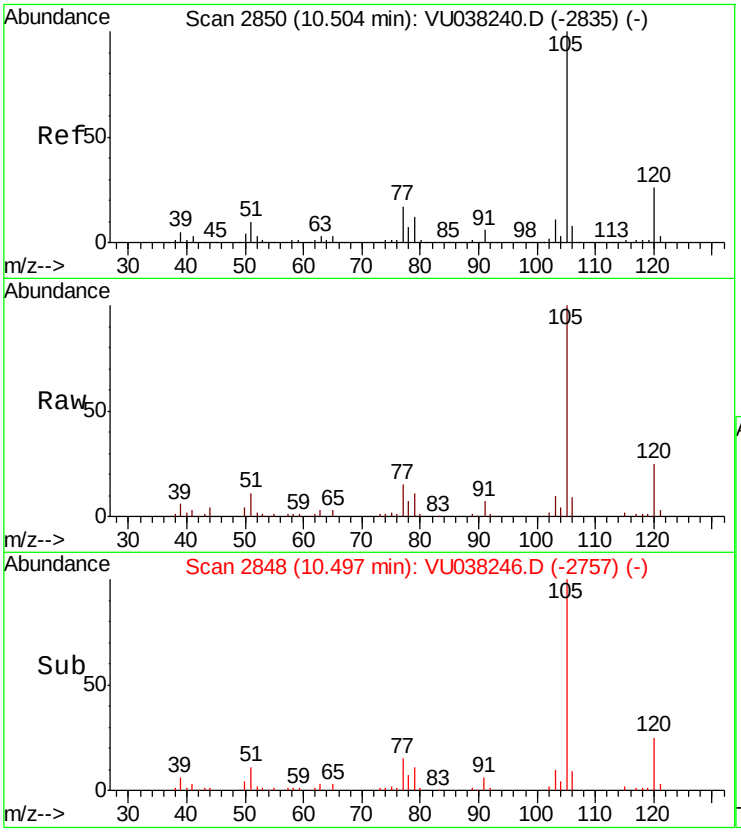


#55
Styrene
Concen: 0.319 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.02 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion:104 Resp: 25055

Ion	Ratio	Lower	Upper
104	100		
78	306.9	32.3	59.9#



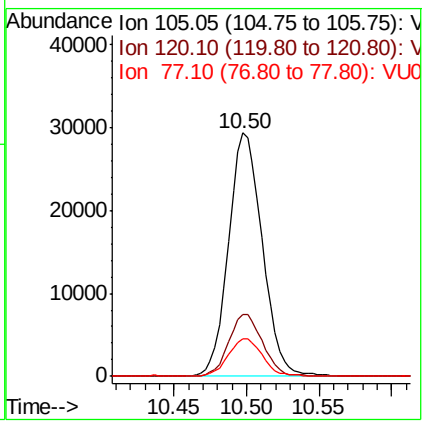


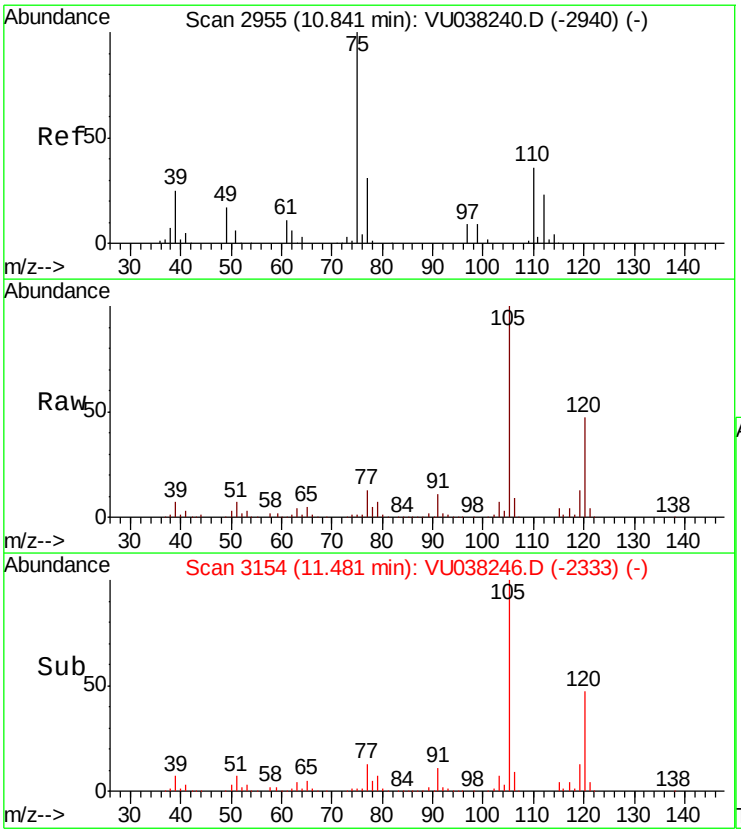
#56
Isopropylbenzene
Concen: 0.395 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. -0.01 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 47543

Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.0	31.6
77	15.6	13.0	19.4

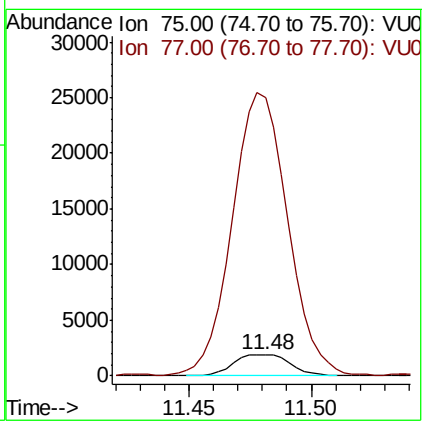


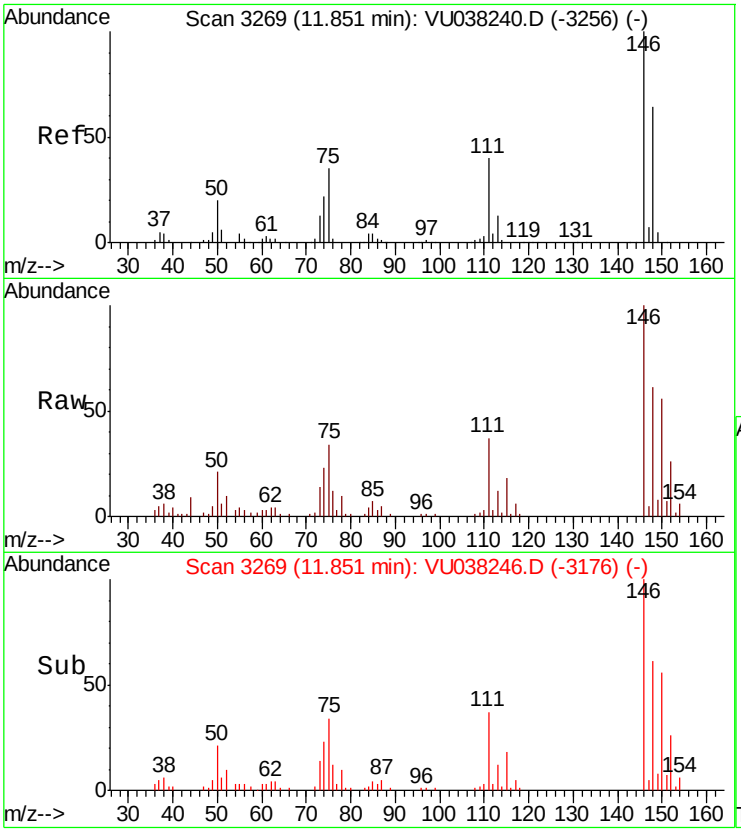


#59
1,2,3-Trichloropropane
Concen: 0.155 ug/L
RT: 11.48 min Scan# 3154
Delta R.T. 0.64 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion: 75 Resp: 3119

Ion	Ratio	Lower	Upper
75	100		
77	1291.6	25.4	38.0#



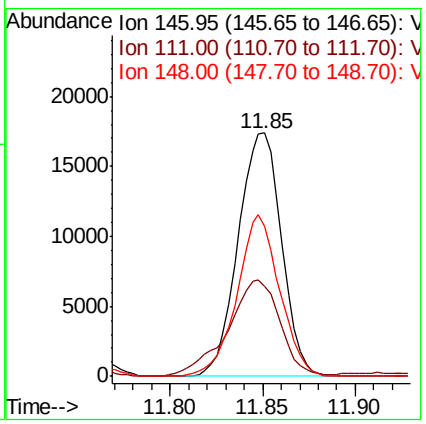


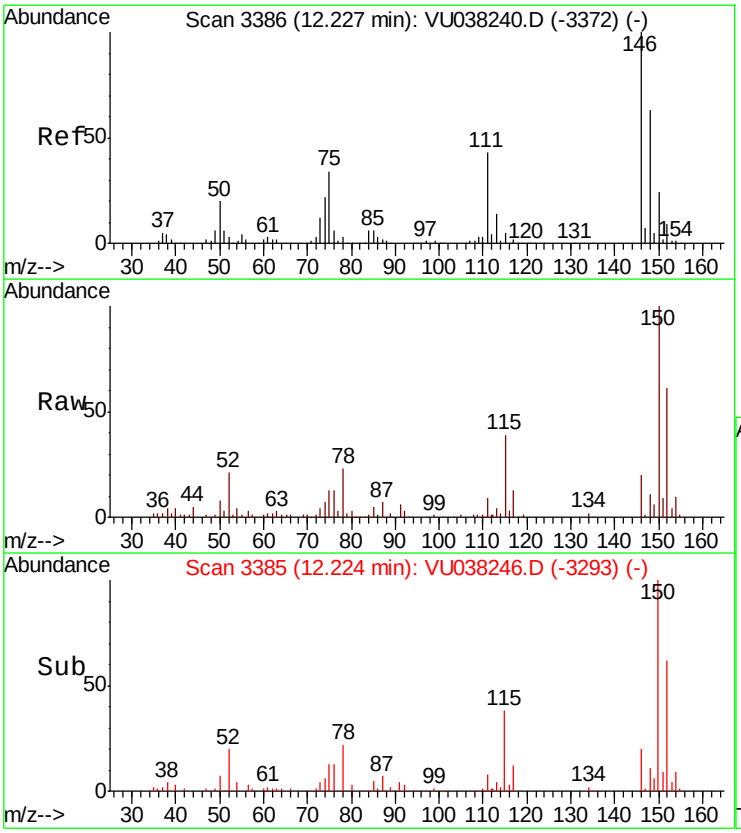
#63
1,4-Dichlorobenzene
Concen: 0.499 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 28168

Ion	Ratio	Lower	Upper
146	100		
111	37.1	27.2	50.6
148	61.5	43.8	81.3

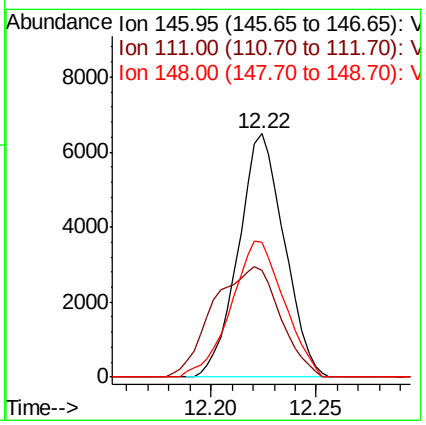


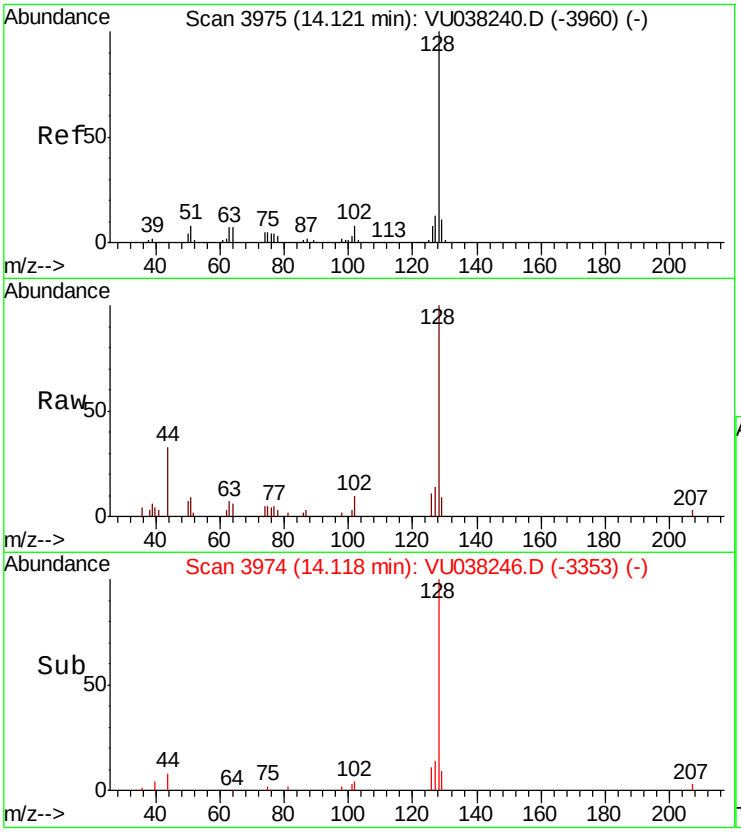


#65
1,2-Dichlorobenzene
Concen: 0.183 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Tgt Ion:146 Resp: 9818

Ion	Ratio	Lower	Upper
146	100		
111	43.7	35.3	52.9
148	55.2	51.0	76.4





#69
Naphthalene
Concen: 0.129 ug/L
RT: 14.12 min Scan# 3974
Delta R.T. -0.00 min
Lab File: VU038246.D
Acq: 20 May 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 9948

Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.7	13.1
127	12.3	10.2	15.4